Technical Guide: YORK® Sun™ Choice AW13 to AW23, Gen 3

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Johnson Controls Ducted Systems

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Description

The YORK® Sun™ Choice 12.5 to 23 ton platform is designed with all the flexibility needed for today's applications, while simultaneously meeting tomorrow's efficiency requirements. Realizing that efficiency requirements are continuously pushing the envelope of technology, ultra-high efficiency Choice units meet the latest U.S. Department of Energy (DOE) efficiency requirements in the IntelliSpeed and variable air volume (VAV) airflow options deliver energy efficiency exceeding the DOE mandates for 2023. Achieving efficiencies as high as 20.3 IEER (cooling only/electric heat) and 20.1 IEER (gas heat), the ultra-high efficiency Choice product line provides users with significant energy savings alongside impressive flexibility and unparalleled reliability.

All models are available with extensive options and accessories provided both through factory installation and field kits. Airflow requirements are met through IntelliSpeed discrete fan control, and VAV blower configurations. All tonnages can be configured for cooling only, electric heating, staged gas heating, or modulating gas heating. Near limitless flexibility is available with custom modifications provided by the Norman Modification Center located in the HVAC Rooftop Center of Excellence in Norman, Oklahoma.

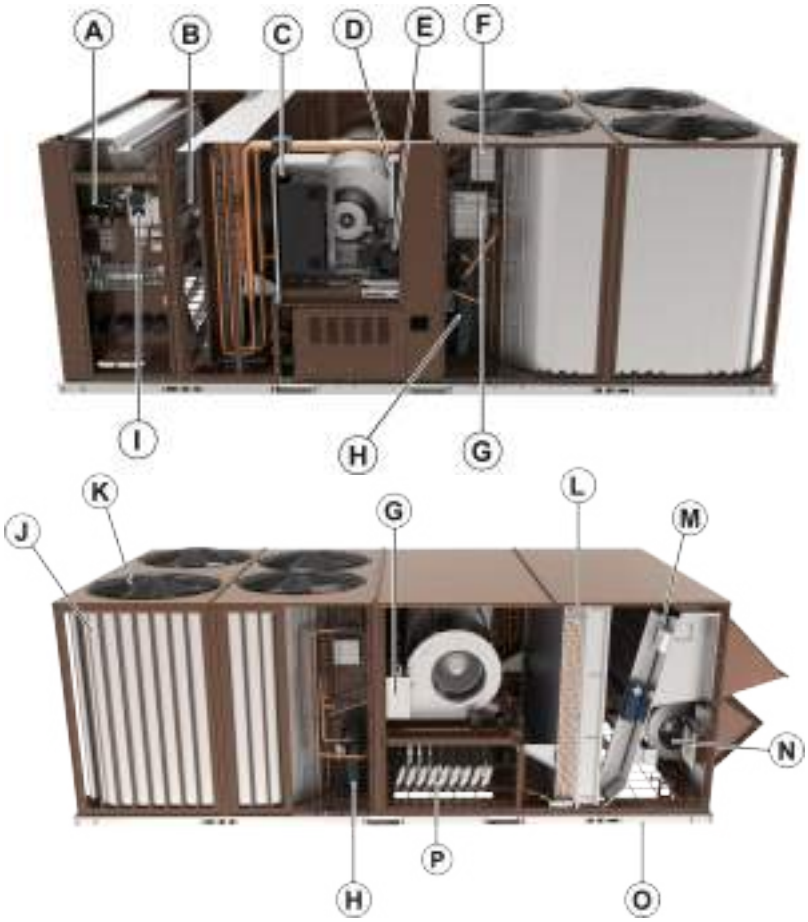
The units are tested in accordance with the following:

Product highlights

- Smart Equipment™ Controls: streamlines commissioning, integration, and service
- Industry leading standard efficiency, up to 20.3 IEER, designed to meet DOE 2023 efficiency requirements
- Two independent refrigerant circuits
- Combining ultra-high efficiency, fixed-speed and variable-speed scroll compressors for optimal performance and comfort
- ECM condenser fan motors allowing for built-in low ambient head pressure control to -10°F
- Variable capacity cooling operation (IntelliSpeed and VAV) to meet advanced building code requirements
- Two unique airflow options in each tonnage. Variable cooling control IntelliSpeed, and VAV
- Footprint design allows for direct replacement of multiple competitive models (Carrier and Trane) without a transition curb
- Reliability designed into all products and tested at the component and system level at the Advanced Technology Lab in Norman, Oklahoma
- Factory installed staged gas heat and factory or field installed electric heat
- Optional modulating gas heat furnace with standard stainless steel heat exchanger (cannot be converted to propane)
- Optional modulating hot gas reheat for maximum humidity control. The reheat option added to the base model allows for increased flexibility

Unit components

Figure 1: Component location



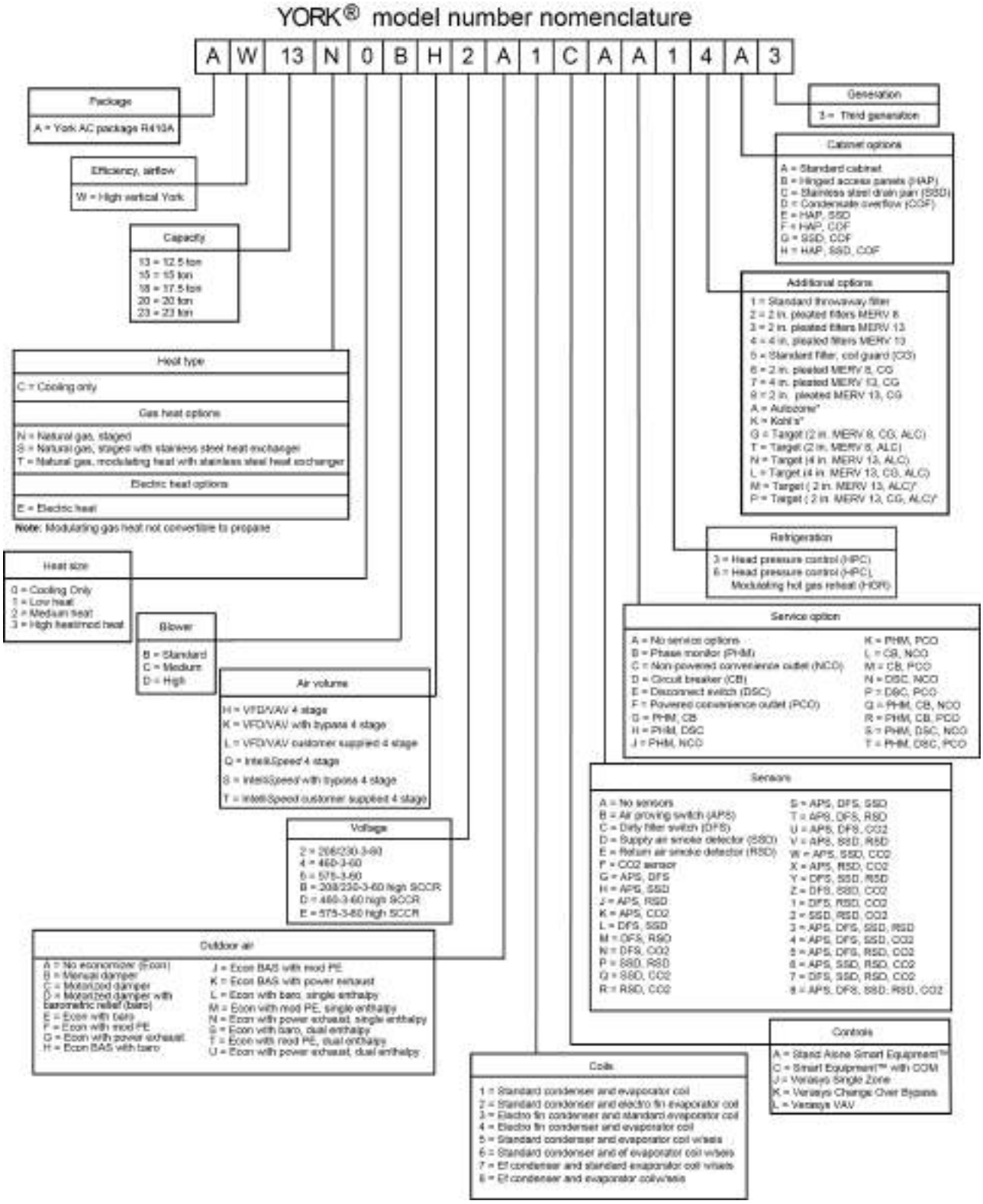
The previous figure shows the AWXX model. The following table lists the components of the unit.

Table 1: Component location table

Item	Description	Item	Description
A	Smart Equipment™ controls.	I	LCP for compressor and Blower VFD
B	Filter access, 2 in. or 4 in. filter options.	J	Micro channel condenser coil
C	Compressor variable frequency drive	K	Condenser fans with ECM motors
D	Blower motor variable frequency drive	L	Copper tube/aluminum fin evaporator coil
E	Belt drive blower motor with dual centrifugal fan design	M	Optional economizer. Optional manual or motorized outside air dampers not shown.
F	ECM controller for OD motor	N	Optional powered exhaust. Optional barometric relief not shown
G	ECM Controller Transformer (for 575 V unit only)	O	Full perimeter base rails with holes for overhead rigging
H	Combination of ultra-high efficiency, fixed-speed scroll compressor and variable speed scroll compressor	P	Optional staged or modulating gas heat with aluminized or stainless-steel heat exchanger. Optional electric heat not shown.

Nomenclature

Figure 2: Product nomenclature



Features and benefits

Standard features

YORK® Sun™ Choice units have the following standard features.

Efficiency

Available in ultra-high efficiency cooling only, gas heat, or electric heat, Choice ultra-high efficiency units achieve up to 12.7 EER. IEER ratings, as high as 20.3, are specific to each model's heat type and indoor airflow selection to provide dialed in efficiencies for every model classification.

Indoor airflow options

Each tonnage has an industry leading four unique indoor airflow options available for maximum customization to meet the needs of each job site. Variable cooling control IntelliSpeed, and variable air volume (VAV) configurations each have a dedicated airflow and compressor staging algorithm designed to maximize efficiency and reliability. Variable airflow models, IntelliSpeed or VAV, include a factory installed variable frequency drive (VFD) to modulate the blower airflow.

Refrigerant circuits

All models contain a dual circuit refrigeration design with multiple compressor staging options dependent on the selected airflow option. Variable cooling control IntelliSpeed and VAV models have variable capacity cooling operation.

The ultra-high efficiency product leverages a combination of Copeland™ ultra-high efficiency ZPKZ fixed speed or ZPS two-stage compressor with ZPV variable-speed compressor technology to deliver the highest part-load efficiency in its class.

Variable frequency drive

Factory-installed variable frequency drives (VFD) provide higher efficiency through both IntelliSpeed and variable air volume (VAV) operation. All factory-installed VFDs come with a 5-year manufacturer warranty and provide ease of commissioning with operation through the standard Smart Equipment™ control board and soft start capabilities for improved motor and belt life.

Indoor blower

The indoor blower is a single shaft, dual blower, forward curve centrifugal wheel design. All tonnages use a belt drive motor configuration with options for multiple levels of static resistance. The blower motor is mounted on a motor sled (patent pending) with multidirectional movement for simplified precise adjustments to belt tension and easier belt replacement.

Evaporator coils

All units come with copper tube/aluminum fin evaporator coils.

Condenser coils

All units come with microchannel condenser coils.

Balanced staged heating

All gas heat units are of a tubular design with in-shot burners and induced draft. Standard controls provide two stages of capacity control with an additional option for modulating gas heat. Each section includes a durable heat exchanger with aluminized steel or optional stainless steel tubes, a redundant gas valve, spark ignition, power venting, an ignition module for 100% shut-off, and all of the safety controls required to meet the latest ANSI standards. You can route the gas supply piping into the heating compartment through a hole in the base pan of the unit or through a hole in the piping panel on the front of the unit.

All electric heat models (factory or field installed) include a bank of nickel chromium elements mounted at the discharge of the supply air blower to provide a high velocity and uniform distribution of air across the heating elements. Each element bank is fully protected against excessive current and temperature by fuses and two thermal limit switches.

Advanced, versatile controls

Smart Equipment™ control boards have standardized a number of features previously available only as options or by using additional controls.

All units are factory commissioned, configured, and run tested.

You can configure the Smart Equipment™ control for use with a standard thermostat using the convenient screw terminals or for use with a zone sensor. You can also configure the control to communicate with multiple BAS communication protocols to integrate with building automation systems.

Onboard USB port

The Smart Equipment™ control comes standard with an onboard USB port that accepts a common flash drive. You can use the port for features like data logging, listing current and previous system faults, and backing up or updating the software version. Self-test and start-up reports are also available through the USB port.

Built-in LCD

The Smart Equipment™ control board has an easy to read, built-in LCD and easy to use navigation joystick and buttons. Users can quickly navigate the menus to view unit status, options, current function, supply, return and outdoor temperatures, fault codes, and other information.

NOTICE

The Smart Equipment™ control board used in this product can effectively operate the cooling system down to 0°F when this product is applied in a comfort cooling application for people. An economizer is typically included in this type of application. When you apply this product for process cooling applications, such as computer rooms or switchgear, call the applications department for Ducted Systems at 1-877-874-SERV for guidance. Additional accessories may be needed for stable operation at temperatures below 30°F.

Reduced field installed complexity

Each unit comes equipped with factory installed supply air, return air, and outdoor air temperature sensors to provide key temperature readings and reduce field installed complexity.

Standard factory warranty

All models include a 1-year limited warranty on the complete unit. Compressors and electric heater elements each have a 5-year warranty. Aluminized steel heat exchangers have a 10-year warranty and stainless steel heat exchangers have a 15-year warranty.

Replacement opportunity with footprint

All tonnages have a meticulously designed footprint providing the unique ability to directly replace, without the need for a transition curb, existing 15 ton to 27.5 ton units from select competitive manufacturers (Carrier and Trane). Airflow testing was conducted on each competitive footprint to ensure full unit performance and operation in these applications. Some utilities may require relocation with guidance from competitive replacement literature.

Dedicated duct configuration

All models are manufactured with a dedicated duct configuration for downflow operation allowing for quick and easy installation without removing or relocating panels.

Utility connections

Gas and electrical utility entries are supplied in the unit underside as well as the side of the unit. You can make utility connections quickly and with a minimum amount of field labor.

Sloped drain pan

All units are provided with a multidirectional sloped condensate drain pan with 1 in. I.D. female connection. Drain pans are sloped in accordance with ASHRAE 62 and are available in composite or stainless steel configurations.

Color-coded and numbered wiring

Wiring is color coded and numbered to match the provided unit wiring diagram to make for easy troubleshooting and field installation.

Convertible filter rack

Units are provided with the selected 2 in. or 4 in. filter. With a simple conversion in the field, units can accept either size filter in the standard filter rack.

Full perimeter base rails

The permanently attached base rails provide a solid foundation for the entire unit and protect the unit during shipment. The rails offer rigging holes so that you can use an overhead crane to place the units on a roof.

Operating conditions

The units are capable of starting and running at 125°F outdoor temperature, exceeding the maximum load criteria of AHRI Standard 340/360. The compressor, with standard controls, is capable of operation down to 45°F outdoor temperature in all installations and ECM condenser fan motors allow the unit to operate as low as –10°F outdoor temperatures with cyclic cooling cycles in certain applications. Gas heat is rated to operate in outdoor temperatures down to -40°F.

Safety monitoring

The control monitors the outdoor, supply, and return air temperatures and the high and low pressure switch status on the independent refrigerant circuits. On units with heating, the gas valve and high temperature limit switches are monitored on gas and electric heating units. The control also monitors the voltage supplied to the unit and protects the unit if low voltage occurs due to a brown out, or if other electrical issues occur.

Anti-short cycle protection

To aid compressor life, an anti-short cycle delay is incorporated into the standard control. Compressor reliability is further ensured by programmable minimum run times. For testing, you can temporarily override the anti-short cycle delay with the push of a button.

Fan delays

Fan on and fan off delays are fully programmable. Furthermore, the heating and cooling fan delay times are independent of one another. All units are programmed with default values based on their configuration of cooling and heating capacity.

Nuisance trip protection and three strikes

To prevent nuisance calls, the control board uses a three times, you're out philosophy. The high-pressure switch, low-pressure switch, antifreeze protection, or low voltage, detection much trip three times within two hours before the unit control board locks out the associated compressor.

Similarly, the heating high limit switch must trip three times within one hour before the unit control board locks out heating operation. An alarm message appears on the LCD.

Low limit control

When there is a demand for cooling during cold outside conditions the low limit control (LLC) prevents the supply air from dropping below a specified setpoint. This is a programmable setpoint.

Options and accessories

Non-electrical option or accessory	Factory option	Field-installed option
Roof curb, 14 in. or 24 in. height		✓
Burglar bars		✓
Coil/hail guard	✓	✓
Hinged and toolless access panels	✓	
Magna-Dry modulating hot gas reheat dehumidification	✓	
Aluminized steel gas heat exchanger	✓	
Stainless steel gas heat exchanger	✓	
Modulating gas heat (cannot be converted to propane)	✓	
Flue exhaust extension		✓
Propane conversion (not for modulating gas heat)		✓
High altitude kit for propane (not for modulating gas heat)		✓
High altitude kit for natural gas		✓
Stainless steel drain pan	✓	
E-Coat coil coating	✓	
MERV 8, 2 in. filter	✓	
MERV 13, 2 in. filter	✓	
MERV 13, 4 in. filter	✓	

Electrical option or accessory	Factory option	Field-installed option
IntelliSpeed discrete fan control	✓	
Multi-zone variable air volume (VAV)	✓	
CRSZ control single zone VAV	✓	
Standard, medium, or high static indoor blower motor	✓	
Non-fused disconnect switch	✓	
Circuit breaker	✓	
Powered convenience outlet	✓	
Non-powered convenience outlet	✓	✓
65 kA high SCCR	✓	
Phase monitor	✓	
Electric heat	✓	✓

Fresh air option or accessory	Factory option	Field-installed option
Manual outside air damper	✓	✓
Motorized outside air damper	✓	✓
Low leak economizer	✓	✓
Single or dual enthalpy economizer control	✓	✓
Barometric relief damper	✓	✓
Constant volume power exhaust	✓	✓
Modulating power exhaust	✓	✓
Bolt on energy recovery ventilator (ERV)		✓

Controls option or accessory	Factory option	Field-installed option
Air proving switch	✓	✓
Dirty filter switch	✓	✓
CO_2 sensor	✓	✓
Condensate overflow switch	✓	✓
Supply and return air smoke detectors	✓	✓
Smart Equipment™ control communication card	✓	✓
MAP (Mobile Access Portal) Gateway for use with Smart Equipment™ control		✓
Verasys	✓	✓

Factory and field-installed options

YORK® Sun™ Choice units have many factory options and field-installed accessories available for a wide range of application needs.

IntelliSpeed discrete fan control with VFD

Factory option

The IntelliSpeed blower control method uses a variable frequency drive (VFD) to control staged modulation of the supply fan airflow in what is called multispeed fan control or discrete fan control. The VFD runs the supply fan at predetermined speeds set at the factory based on the number of cooling stages engaged by the cooling demand. This feature allows for higher part load efficiency and meets all requirements of ASHRAE 90.1 2013/2016 and 2015 IECC.

Multi-zone variable air volume (VAV)

Factory option

Intended for job applications where multiple zones are serviced by a single rooftop with zone dampers in the ductwork to control airflow to each zone. Similar to the IntelliSpeed blower control method, the VAV blower control option uses a VFD to control modulation of the supply fan airflow. Unlike IntelliSpeed, VAV operation provides full modulation of the supply fan speed to provide both a constant supply air temperature and a constant duct static pressure. This modulation is controlled by the VFD based on readings from a pressure transducer mounted in the unit supply duct.

CRSZ control single zone VAV

Factory option

A proprietary control logic for single-zone VAV applications, the continuous reset single zone control (CRSZ control) option provides the industry's best temperature control of a single-zone VAV system. The CRSZ control airflow option uses compressor staging and fan speed, along with programmatic resetting of the supply air temperature setpoint, to deliver stable zone temperature and humidity control.

High static indoor blower motor

Factory option

For applications with high static restrictions, units are offered with optional indoor motors that provide higher static output to varying degrees based on the application requirements.

MagnaDry modulating hot gas reheat dehumidification

Factory option

Units optioned with reheat coils provide superior dehumidification at a wide range of outdoor temperatures to provide maximum comfort without overcooling the space. Unlike traditional on and off reheat systems, this system modulates dehumidification to more accurately meet the humidity and temperature setpoints.

Low leak economizer with fresh air hood

Factory or field-installed option

All units offer a variety of optional factory-installed or field-installed economizers that are shipped, installed, and wired with low leak dampers. The dampers are designed to meet ASHRAE 90.1, AMCA 511 Class 1A damper, and the International Energy Conservation Code (IECC) certification requirements by achieving leakage rates of 3 CFM/sq. ft. at 1-inch of static pressure. Each economizer goes through a rigorous 60,000 cycle test. You can select dry bulb, single enthalpy, or dual enthalpy economizer control as either a factory option or field-installed accessory. The economizer has spring return, fully modulating damper actuators and it is capable of introducing

up to 100% outdoor air. As the outdoor air intake dampers open, the return air dampers close. The changeover from mechanical refrigeration to economizer operation is regulated by the outdoor air dry bulb temperature or the outdoor air enthalpy input.

Single or dual enthalpy control

Factory or field-installed option

Low leak economizers are available with standard dry bulb sensing. You can select the following configurations for true enthalpy control of the unit economizer.

- Single enthalpy control to monitor outdoor air humidity and temperature
- Dual enthalpy control to monitor outdoor air and return air humidity and temperature

Single or dual enthalpy sensors are available factory installed or as field-installed accessories.

Manual outside air damper

Factory or field-installed option

The manual outdoor air damper includes a slide-in assembly with a manually adjustable opening for fresh air entry. The factory installed damper has an opening range of 0% to 100%. The field-installed accessory is available with two options for opening range, 0% to 25% or 0% to 100%.

Motorized outside air damper

Factory or field-installed option

The motorized outdoor air damper includes a slide-in and plug-in damper assembly with a 2-position, spring return motor actuator. The damper opens to a preset position whenever the supply air blower is operating and drives fully closed when the blower motor shuts down. The factory installed damper has an opening range of 0% to 100%. The field-installed accessory is available with two options for opening range, 0% to 25% or 0% to 100%.

Barometric relief damper

Factory or field-installed option

You can use this damper option to relieve internal building air pressure on units with an economizer or motorized damper without a power exhaust. This accessory includes a rain hood, a bird screen, and a fully assembled damper.

Constant volume power exhaust

Factory or field-installed option

Units with an economizer are available with constant volume power exhaust. Whenever the outdoor air intake dampers are opened for free cooling, the exhaust fan is energized to prevent the conditioned space from being over-pressurized during economizer operation. The factory-installed version has an incorporated fold-out hood design for easy setup and operation. There are two options for the field-installed constant volume power exhaust. The standard CFM exhaust provides the same operational parameters as the factory-installed power exhaust while the high CFM exhaust provides expanded air movement capabilities.

Modulating power exhaust

Factory or field-installed option

For more precise control over a unit's exhaust performance, you can select a modulating power exhaust as a factory or field-installed option. The modulating power exhaust monitors fluctuations to the static pressure in the duct and works in conjunction with the unit economizer to equalize pressure changes caused by bringing in fresh air. There are two options for the field-installed constant volume power exhaust. The standard CFM exhaust provides the same operational parameters as the factory-installed power exhaust while the high CFM exhaust provides expanded air movement capabilities.

Staged electric heat

Factory or field-installed option

Electric heat is available as a factory or field-installed option in 25 kW, 50 kW, and 75 kW and is available in all voltage options of the base units. All heaters are single point power and all field-installed electric heat accessories require a supplemental single point power kit based on the unit specifications.

Staged gas heat

Factory option in aluminized steel or stainless steel

Staged gas heating is available in two sizes, each with two stages of operation. The standard gas heat exchanger comes in aluminized steel for applications in non-corrosive environments with an optional stainless steel gas heat exchanger available for application in corrosive environments.

Modulating gas heat

Factory option

For improved temperature control and to provide more exact heating operation, select a modulating gas heat furnace. With the same maximum heating capacity as the high-heat staged

gas heat and a 2.85 to 1 turndown ratio, the modulating gas heat option provides the same full load heating capabilities as the staged heating option and can also adjust the input rate to reflect the heating call. All modulating gas heat furnaces are equipped with stainless steel heat exchangers.

Important: Modulating furnaces are **not** certified for use with propane and cannot be converted from the factory.

Flue exhaust extension

Field-installed option

In locations with wind or weather conditions that may interfere with the correct exhausting of furnace combustion products, this accessory can prevent the flue exhaust from entering nearby fresh air intakes.

Propane conversion kit

Field-installed option

Use this kit to convert a gas-fired heater from natural gas to propane. It contains the main burner orifices and gas valve replacement springs.

Important: Modulating furnaces are **not** certified for use with propane and cannot be converted from the factory.

Gas heat high altitude kit

Field-installed option

Use this kit to convert a gas heat unit to operate at high altitudes from 2,000 to 10,000 feet. Conversion kits are available for natural gas and propane.

Hinged and toolless access panels

Factory option

To reduce service time, hinged and toolless access panels provide quick and easy access to frequently inspected or service components and areas of the unit. Hinged panels provide access to the control box, filters, gas and electric heat controls, and indoor blower section.

Coil guard and hail guard

Factory or field-installed option

A louvered panel design combination coil guard and hail guard protects the unit condenser coils and outdoor condenser area from a wide range of damage caused by events such as hail, tampering, and animal entry.

Stainless steel drain pan

Factory option

An optional rust-proof stainless steel drain pan is available to provide years of trouble-free operation in corrosive environments.

Circuit breaker

Factory option

A factory-installed circuit breaker provides both easy access to shut off power to the unit for safe servicing and also protects the unit from a short-circuit or overload condition.

Non-fused disconnect switch

Factory option

A factory-mounted service disconnect switch provides easy access to shut off power to the unit for safe servicing of the product.

Powered convenience outlet

Factory option

The powered convenience outlet option provides a 120 V single-phase GFCI outlet with a cover on the unit exterior. The outlet is powered by a stepdown transformer in the unit.

Non-powered convenience outlet

Factory or field-installed option

The non-powered convenience outlet option provides a 120 V single-phase GFCI outlet with a cover on the exterior of the unit. The outlet requires the installer to provide the 120 V single-phase power source and wiring. The outlet is available factory installed or as a field-installed accessory.

65 kA high SCCR

Factory option

The high SCCR electrical option replaces all necessary electrical components and wiring with higher rated components and larger gauge wiring to increase the short-circuit current rating to 65 kA from the standard unit 5 kA rating. This provides additional protection to the unit in the event of a short-circuit condition.

Supply and return air smoke detectors

Factory or field-installed option

The smoke detectors stop operation of the unit and provide a fault message to the control board. Smoke detectors are available for supply and/or return air configurations.

WARNING

Factory-installed smoke detectors may be subjected to extreme temperatures during off times due to outside air infiltration. These smoke detectors have an operational limit of -4°F to 158°F. Smoke detectors installed in areas that could be outside this range must be relocated to prevent false alarms.

Phase monitor

Factory option

Monitors the electrical phase to the unit to prevent damage from out of phase conditions.

Air proving switch

Factory or field-installed option

To ensure correct indoor blower operation, you can use an optional air proving switch to monitor whether supply air airflow is present when a cooling or heating cycle initiates. If correct airflow is not detected at the beginning of a cycle or throughout operation, the call for heating or cooling is cancelled and a unit alarm registered.

Dirty filter switch

Factory or field-installed option

This option includes a differential pressure switch that energizes the fault light on the unit thermostat, indicating that there is an abnormally high pressure drop across the filters.

CO_2 sensor

Factory or field-installed option

The provided CO_2 sensor detects CO_2 levels and automatically overrides the economizer when levels rise above the preset limits.

Condensate overflow switch

Factory or field-installed option

Mounted to the unit drain pan, the condensate overflow switch is a float switch that monitors the level of water in the drain pan to shut down unit operation and prevent drain pan overflow within the unit.

E-coat evaporator and condenser

Factory option

The evaporator and/or condenser coils are coated with an epoxy polymer coating to protect against corrosion.

Filters

Factory option

2 in. pleated MERV 8, 2 in. pleated MERV 13 or 4 in. pleated MERV 13 are available to meet LEED requirements. A 2 in. throwaway is shipped as standard.

Burglar bars

Field-installed option

Mount in the supply and return openings to prevent entry into the duct work.

Smart Equipment™ control with communication

Factory or field-installed option

The communication option for the Smart Equipment™ control is a factory installed add-on card to expand the capabilities with a gateway to BACnet MS/TP (programmable to Modbus or N2 protocols).

Mobile Access Portal gateway for use with Smart Equipment™ control

Field-installed option

You can use the Mobile Access Portal (MAP) gateway to provide a wireless connection to any Smart Equipment™ enabled product or system. The MAP gateway generates a Wi-Fi signal for connection with any electronic device with Wi-Fi capabilities and a web browser. Used in conjunction with the Smart Equipment™ communication card and daisy chained network wiring, a single MAP gateway can provide single point access to an entire network of rooftop units through the unit control board, a Smart Equipment™ enabled zone sensor, or Smart Equipment™ enabled thermostat.

Verasys

Factory or field-installed option

Verasys provides a simple user experience with configurable self-recognizing controllers without the need for any additional tools. Verasys creates enhanced integration of HVACR equipment, zoning, and controls. Contractors are able to offer a complete bundled solution of equipment and controls to serve the light commercial market.

Physical data

Table 2: AW13 to AW15 physical data

Component	Models					
	AW13			AW15		
Nominal tonnage	**12.5**			**15**		
ARI cooling performance	Variable cooling control			Variable cooling control		
Gross capacity @ ARI A point (Btu)	152,690			184,120		
ARI net capacity (Btu)	148,000			178,000		
EER	12.7[1]/ 12.5[2]			12.2[1] / 12[2]		
IEER CV	NA			NA		
IEER with Intellispeed	20.1[1] / 20[2]			20.3[1] / 20.1[2]		
IEER with VAV	20.1[1] / 20[2]			20.3[1] / 20.1[2]		
cfm	4,760			6,350		
System power (kW)	11.8			14.83		
Refrigerant type	R-410a			R-410a		
Refrigerant charge (lb-oz)						
System 1	14-00			15-00		
System 2	14-04			14-08		
ARI heating performance						
Heating model	N(S)1	N(S)3	T3	N(S)1	N(S)3	T3
Heating type	Stg. low	Stg. high	Mod. high	Stg. low	Stg. high	Mod. high
First stage heat input (kBtu)	165	300	140	165	300	140
Second stage heat input (kBtu)	220	400	400	220	400	400
First stage heat output (kBtu)	134	243	113	134	243	113
Second stage heat output (kBtu)	178	324	324	178	324	324
Steady state efficiency (%)	81	81	81	81	81	81
No. burners	5	9	9	5	9	9
No. stages / turn down	2	2	2.85 to 1	2	2	2.85 to 1
Temperature rise range (°F)	15-45	40-70	40-70	15-45	30-65	30-65
Gas limit setting (°F)	135	135	135	130	130	135
Gas piping connection (in.)	3/4	3/4	3/4	3/4	3/4	3/4
Dimensions (in.)						
Length (in.)	143 13/16					
Width (in.)	88 3/4					
Height (in.)	56 9/16					
Operating weight (lb)	2,190			2,240		
Compressors	Variable cooling control			Variable cooling control		
Type	Scroll			Scroll		
Quantity	2			2		
Unit capacity steps (%)	15-100			15-100		
Condenser coil data						
Face area (sq. ft.)	30.8			30.8		
Type	MCHX			MCHX		
Thickness (mm)	25			25		
FPI	23			23		
Circuitry type	Two-pass			Two-pass		
Evaporator coil data						
Face area (sq. ft.)	26.0			26.0		
Rows	4			4		
Fins per in.	15			15		
Tube diameter	3/8			3/8		
Circuitry type	Intertwined			Intertwined		
Refrigerant control	TXV			TXV		
Condenser fan data						

Table 2: AW13 to AW15 physical data

Component	Models					
	AW13			AW15		
Nominal tonnage	**12.5**			**15**		
Quantity	2			2		
Fan diameter (in.)	30			30		
Type	Prop			Prop		
Drive type	Direct			Direct		
Number of motors	2			2		
Motor hp each	1/2			1/2		
rpm	900			900		
Nominal total cfm	11,850			11,850		
Belt drive evaporator fan data						
Quantity	2			2		
Fan size (in.)	12 x 12			15 x 15		
Type	Centrifugal			Centrifugal		
Static range	Standard	Medium	High	Standard	Medium	High
Motor sheave	1VP40	1VP40	1VP60	1VP40	1VP40	1VM50
Blower sheave	1B5V66	1B5V54	1B5V74	1B5V74	1B5V64	1B5V74
Belt	AX36	BX34	BX40	BX40	BX38	BX40
Motor hp each	2.9	3.7	5.25	2.9	3.7	5.25
rpm	1,750	1,750	1,750	1,750	1,750	1,750
Frame size	56	56	145T	56	56	145T
Filters						
Quantity - size	9 - (16 x 25 x 2)[3, 4, 5]			9 - (16 x 25 x 2) [3, 4, 5]		
	9 - (16 x 25 x 4)[6]			9 - (16 x 25 x 4) [6]		

Note:
1. Cooling only unit or cooling unit with electric heat.
2. Cooling unit with gas heat.
3. 2 in. throwaway, standard, MERV (Minimum Efficiency Reporting Value).
4. 2 in. pleated, optional, MERV 8.
5. 2 in. pleated, optional, MERV 13.
6. 4 in. pleated, optional, MERV 13

Table 3: AW18 to AW23 physical data

Component	Models								
	AW18			AW20			AW23		
Nominal Tonnage	**17.5**			**20**			**23**		
ARI cooling performance	Variable cooling control			Variable cooling control			Variable cooling control		
Gross capacity @ ARI A point (Btu)	208,500			247,180			288,580		
ARI net capacity (Btu)	200,000			238,000			276,000		
EER	12.3[1] / 12.2[2]			12.2[1] / 12.1[2]			11.3[1] / 11.1[2]		
IEER CV	N/A			N/A			N/A		
IEER with Intellispeed	19 [1]/ 18.8[2]			19.6[1] / 19.5[2]			18.8[1] / 18.6[2]		
IEER with VAV	19 [1]/ 18.8[2]			19.6[1] / 19.5[2]			18.8[1] / 18.6[2]		
cfm	7,450			7,490			8,740		
System power (kW)	16.39			19.67			24.86		
Refrigerant type	R-410a			R-410a			R-410a		
Refrigerant charge (lb-oz)									
System 1	14-08			14-04			15-00		
System 2	14-12			16-04			16-08		
ARI heating performance									
Heating model	N(S)1	N(S)3	T3	N(S)1	N(S)3	T3	N(S)1	N(S)3	T3
Heating type	Stg. low	Stg. high	Mod. high	Stg. low	Stg. high	Mod. high	Stg. low	Stg. high	Mod. high
First stage heat input (kBtu)	165	300	140	165	300	140	165	300	140
Second stage heat input (kBtu)	220	400	400	220	400	400	220	400	400
First stage heat output (kBtu)	134	243	113	134	243	113	134	243	113
Second stage heat output (kBtu)	178	324	324	178	324	324	178	324	324
Steady state efficiency (%)	81	81	81	81	81	81	81	81	81
No. burners	5	9	9	5	9	9	5	9	9
No. stages / turn down	2	2	2.85 to 1	2	2	2.85 to 1	2	2	2.85 to 1
Temperature rise range (°F)	15-45	30-65	30-65	15-45	30-65	30-65	10-40	20-55	20-55
Gas limit setting (°F)	130	130	135	130	130	135	130	130	135
Gas piping connection (in.)	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
Dimensions (in.)									
Length (in.)	160 1/16								
Width (in.)	88 3/4								
Height (in.)	56 9/16								
Operating weight (lb)	2,355			2,420			2,510		
Compressors	Variable cooling control			Variable cooling control			Variable cooling control		
Type	Scroll			Scroll			Scroll		
Quantity	2			2			2		
Unit capacity steps (%)	15-100			15-100			15-100		
Condenser coil data									
Face area (sq. ft.)	35.4			35.4			35.4		
Type	MCHX			MCHX			MCHX		
Thickness (mm)	25			25			25		
FPI	23			23			23		
Circuitry type	Two-pass			Two-pass			Two-pass		
Evaporator coil data									
Face area (sq. ft.)	26.0			26.0			26.0		
Rows	4			4			4		
Fins per in.	15			15			15		
Tube diameter	3/8			3/8			3/8		
Circuitry type	Intertwined			Intertwined			Intertwined		

Table 3: AW18 to AW23 physical data

Component	Models								
	AW18			AW20			AW23		
Nominal Tonnage	**17.5**			**20**			**23**		
Refrigerant control	TXV			TXV			TXV		
Condenser fan data									
Quantity	4			4			4		
Fan diameter (in.)	30			30			30		
Type	Prop			Prop			Prop		
Drive type	Direct			Direct			Direct		
Number of motors	4			4			4		
Motor hp each	1/2			1/2			1/2		
rpm	900			900			900		
Nominal total cfm	26,200			26,200			26,200		
Belt drive evap fan data									
Quantity	2			2			2		
Fan size (in.)	15x15			15x15			15x15		
Type	Centrifugal			Centrifugal			Centrifugal		
Static range	Standard	Medium	High	Standard	Medium	High	Standard	Medium	High
Motor sheave	1VL44	1VM50	1VP71	1VM50	1VM50	1VP71	1VM50	1VP60	1VP60
Blower sheave	1B5V86	1B5V74	1B5V94	1B5V90	1B5V74	1B5V94	1B5V80	1B5V80	1B5V74
Belt	AX41	BX40	BX47	BX43	BX40	BX47	BX43	BX43	5VX450
Motor hp each	3.70	5.25	7.50	5.25	5.25	7.50	5.25	7.50	10.00
rpm	1,750	1,750	1,760	17,50	1,750	1,760	1,750	1,760	1,765
Frame size	56	145T	213T	145T	145T	213T	145T	213T	215T
Filters									
Quantity - size	9 - (16 x 25 x 2)[3, 4, 5]			9 - (16 x 25 x 2)[3, 4, 5]			9 - (16 x 25 x 2)[3, 4, 5]		
	9 - (16 x 25 x 4)[6]			9 - (16 x 25 x 4)[6]			9 - (16 x 25 x 4)[6]		

Note:
1. Cooling only unit or cooling unit with electric heat.
2. Cooling unit with gas heat.
3. 2 in. throwaway, standard, MERV (Minimum Efficiency Reporting Value).
4. 2 in. pleated, optional, MERV 8.
5. 2 in. pleated, optional, MERV 13.
6. 4 in. pleated, optional, MERV 13

Unit limitations

Table 4: AW13 to AW23 unit limitations

Unit voltage	Applied voltage		Outdoor DB temperature
	Minimum	Maximum	Maximum (°F)
208/230-3-60	180	254	125
460-3-60	416	508	125
575-3-60	520	635	125

Capacity performance

The following tables show the capacity performance for the units. The total capacities (TC) and sensible capacities (SC) are gross ratings. For net capacity, deduct air blower motor, MBH = 3.415 x kW. See the appropriate blower performance table for the kW of the supply air blower motor.

Note:

- TC = Total capacity
- SC = Sensible capacity

AW13 cooling capacity performance

Table 5: AW13 cooling performance (75°F)

Air on evap. coil		Temperature of air on condenser coil																	
		Return dry bulb temperature (°F)																	
CFM	WB (°F)	90			85			80			75			70			65		
		TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)
		75 (°F)																	
3125	77	185.9	100.4	8.2	185.0	85.1	8.3	185.1	68.5	8.3	-	-	-	-	-	-	-	-	-
	72	171.4	118.3	8.2	170.8	102.5	8.2	170.2	85.1	8.2	169.5	69.5	8.2	-	-	-	-	-	-
	67	157.5	135.5	8.1	157.0	117.7	8.1	156.4	101.7	8.2	155.7	85.7	8.2	154.8	69.7	8.2	-	-	-
	62	146.9	146.9	8.1	143.4	134.8	8.1	143.1	117.4	8.1	142.5	101.2	8.1	141.7	85.0	8.2	140.8	69.0	8.2
	57	146.8	146.8	8.1	139.2	139.2	8.1	131.7	131.7	8.1	129.9	116.9	8.1	129.2	100.7	8.1	128.3	84.7	8.1
3750	77	193.9	110.5	8.3	193.3	90.9	8.3	193.2	71.5	8.3	-	-	-	-	-	-	-	-	-
	72	179.0	130.7	8.2	178.7	110.8	8.2	177.9	92.5	8.3	177.3	72.7	8.3	-	-	-	-	-	-
	67	164.6	149.8	8.1	164.4	131.5	8.2	163.7	111.3	8.2	162.9	91.2	8.2	162.2	73.0	8.3	-	-	-
	62	158.4	158.4	8.1	151.5	148.5	8.1	150.0	130.5	8.1	149.6	110.7	8.2	148.8	92.2	8.2	147.7	72.4	8.2
	57	158.3	158.3	8.1	150.0	150.0	8.1	141.8	141.8	8.1	136.3	129.5	8.1	135.8	110.0	8.2	134.9	90.4	8.2
4375	77	199.7	119.8	8.3	199.4	97.7	8.3	199.3	75.7	8.4	-	-	-	-	-	-	-	-	-
	72	185.3	142.6	8.2	184.6	120.0	8.3	184.0	97.5	8.3	182.9	75.0	8.3	-	-	-	-	-	-
	67	170.5	163.7	8.1	169.7	142.5	8.2	169.1	120.1	8.2	168.5	97.7	8.3	167.6	75.4	8.3	-	-	-
	62	168.0	168.0	8.1	159.2	159.2	8.1	155.1	142.7	8.2	154.7	120.7	8.2	153.9	96.9	8.2	152.8	74.9	8.3
	57	167.9	167.9	8.1	159.0	159.0	8.1	150.1	150.1	8.1	142.2	140.8	8.1	140.7	119.6	8.2	139.9	96.5	8.2
5000	77	204.6	128.9	8.3	204.1	102.1	8.3	204.1	77.6	8.4	-	-	-	-	-	-	-	-	-
	72	189.6	153.6	8.2	189.0	128.5	8.3	188.0	103.4	8.3	187.5	78.8	8.4	-	-	-	-	-	-
	67	176.0	176.0	8.1	174.2	155.1	8.2	173.8	128.6	8.2	173.1	103.8	8.3	172.0	79.1	8.3	-	-	-
	62	175.9	175.9	8.1	166.8	166.8	8.1	159.4	153.1	8.2	158.8	128.6	8.2	157.8	102.6	8.3	156.8	78.4	8.3
	57	175.9	175.9	8.1	166.7	166.7	8.1	157.3	157.3	8.1	148.0	148.0	8.1	144.5	128.6	8.2	143.6	102.0	8.2
5625	77	208.5	137.6	8.3	207.9	108.1	8.4	208.1	81.2	8.4	-	-	-	-	-	-	-	-	-
	72	193.0	166.0	8.3	192.8	136.9	8.3	192.0	109.4	8.3	191.5	80.4	8.4	-	-	-	-	-	-
	67	183.0	183.0	8.2	177.4	166.7	8.2	177.3	136.5	8.3	176.5	109.5	8.3	175.5	80.7	8.4	-	-	-
	62	182.9	182.9	8.2	173.3	173.3	8.2	163.4	163.4	8.2	162.5	136.5	8.2	161.3	108.1	8.3	160.0	80.0	8.3
	57	182.9	182.9	8.1	173.2	173.2	8.2	163.3	163.3	8.2	153.6	153.6	8.2	147.4	135.6	8.2	146.6	107.0	8.2
6250	77	211.5	143.8	8.3	211.1	114.0	8.4	211.5	82.5	8.5	-	-	-	-	-	-	-	-	-
	72	195.4	177.8	8.3	195.7	144.8	8.3	195.8	113.5	8.4	194.4	83.6	8.4	-	-	-	-	-	-
	67	189.0	189.0	8.2	181.0	175.6	8.2	180.0	145.8	8.3	179.4	114.8	8.3	178.3	83.8	8.4	-	-	-
	62	188.9	188.9	8.2	178.7	178.7	8.2	168.6	168.6	8.2	164.8	145.0	8.2	164.2	113.3	8.3	162.8	83.0	8.3
	57	188.8	188.8	8.2	178.8	178.8	8.2	168.6	168.6	8.2	158.4	158.4	8.2	150.1	144.1	8.2	149.1	113.3	8.3

Table 6: AW13 cooling performance (85°F)

Air on evap. coil		Temperature of air on condenser coil																	
		Return dry bulb temperature (°F)																	
CFM	WB (°F)	90			85			80			75			70			65		
		TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)
85 (°F)																			
3125	77	177.9	97.8	9.3	177.3	81.6	9.4	176.8	65.4	9.4	-	-	-	-	-	-	-	-	-
	72	163.8	114.7	9.3	163.2	97.9	9.3	162.7	83.0	9.3	162.0	66.4	9.3	-	-	-	-	-	-
	67	150.2	130.7	9.2	149.8	113.9	9.2	149.4	98.6	9.2	148.7	81.8	9.3	147.8	66.5	9.3	-	-	-
	62	141.2	141.2	9.1	136.7	129.9	9.2	136.2	114.4	9.2	135.6	97.7	9.2	134.9	80.9	9.2	134.0	65.7	9.3
	57	141.1	141.1	9.1	133.6	133.6	9.1	126.1	126.1	9.1	123.4	112.3	9.1	122.7	96.9	9.2	121.9	80.5	9.2
3750	77	185.3	107.5	9.4	184.8	88.7	9.4	184.2	68.2	9.4	-	-	-	-	-	-	-	-	-
	72	170.8	126.4	9.3	170.3	107.3	9.3	169.7	88.2	9.4	168.9	69.3	9.4	-	-	-	-	-	-
	67	156.4	145.4	9.2	156.4	126.7	9.3	155.9	107.6	9.3	155.1	88.4	9.3	154.2	69.4	9.4	-	-	-
	62	152.0	152.0	9.2	143.8	143.8	9.2	142.6	125.5	9.2	142.1	106.6	9.2	141.2	87.6	9.3	140.2	68.7	9.3
	57	151.9	151.9	9.1	143.7	143.7	9.1	135.6	135.6	9.1	129.4	124.2	9.2	128.6	105.5	9.2	127.8	86.9	9.2
4375	77	190.6	116.3	9.4	190.3	93.3	9.4	189.9	72.2	9.5	-	-	-	-	-	-	-	-	-
	72	176.4	139.3	9.3	175.8	116.0	9.4	175.1	94.5	9.4	174.5	71.5	9.4	-	-	-	-	-	-
	67	162.6	159.4	9.2	161.2	138.6	9.3	160.9	115.9	9.3	160.1	94.5	9.3	159.2	71.6	9.4	-	-	-
	62	161.0	161.0	9.2	152.2	152.2	9.2	147.1	138.3	9.2	146.7	115.9	9.3	145.8	93.3	9.3	144.8	72.4	9.4
	57	160.9	160.9	9.2	152.2	152.2	9.2	143.5	143.5	9.2	134.8	134.8	9.2	133.0	114.4	9.2	132.3	92.6	9.3
5000	77	195.1	124.9	9.4	194.5	99.2	9.5	194.1	73.8	9.5	-	-	-	-	-	-	-	-	-
	72	179.5	150.7	9.3	179.5	123.9	9.4	179.0	100.3	9.4	178.3	74.9	9.5	-	-	-	-	-	-
	67	168.7	168.7	9.2	165.1	150.2	9.3	165.0	123.7	9.3	164.2	100.2	9.4	163.2	75.1	9.4	-	-	-
	62	168.7	168.7	9.2	159.4	159.4	9.2	151.6	147.0	9.2	150.3	123.2	9.3	149.4	98.6	9.3	148.3	74.2	9.4
	57	168.5	168.5	9.2	159.3	159.3	9.2	150.2	150.2	9.2	140.9	140.9	9.2	136.5	122.8	9.2	135.6	97.6	9.3
5625	77	198.7	133.1	9.4	198.2	105.1	9.5	197.8	77.2	9.6	-	-	-	-	-	-	-	-	-
	72	183.0	161.0	9.4	183.0	131.8	9.4	182.7	104.1	9.5	181.7	76.3	9.5	-	-	-	-	-	-
	67	175.2	175.2	9.3	168.4	160.0	9.3	168.3	132.9	9.4	167.3	105.4	9.4	166.2	76.5	9.5	-	-	-
	62	175.2	175.2	9.3	165.5	165.5	9.2	155.8	155.8	9.2	153.2	131.7	9.3	152.4	103.6	9.3	151.1	77.1	9.4
	57	175.2	175.2	9.2	165.4	165.4	9.2	155.8	155.8	9.2	146.1	146.1	9.2	138.9	130.5	9.3	138.2	103.6	9.3
6250	77	201.5	141.0	9.5	200.9	108.5	9.5	200.4	78.2	9.6	-	-	-	-	-	-	-	-	-
	72	185.3	172.3	9.4	185.7	141.2	9.4	185.2	109.3	9.5	184.0	79.1	9.5	-	-	-	-	-	-
	67	180.8	180.8	9.3	171.7	168.2	9.3	170.7	139.9	9.4	169.7	110.3	9.4	168.6	79.2	9.5	-	-	-
	62	180.7	180.7	9.3	170.7	170.7	9.3	160.6	160.6	9.3	155.5	140.0	9.3	154.9	108.4	9.4	153.6	78.3	9.5
	57	180.7	180.7	9.3	170.6	170.6	9.3	160.6	160.6	9.2	150.7	150.7	9.2	141.7	137.4	9.3	140.4	108.1	9.3

Table 7: AW13 cooling capacity performance (95°F)

Air on evap. coil		Temperature of air on condenser coil																	
		Return dry bulb temperature (°F)																	
CFM	WB (°F)	90			85			80			75			70			65		
		TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)
95 (°F)																			
3125	77	169.1	94.7	10.5	168.4	79.2	10.5	167.9	62.1	10.6	-	-	-	-	-	-	-	-	-
	72	155.6	110.5	10.4	155.0	94.5	10.5	154.4	78.7	10.5	153.7	63.0	10.5	-	-	-	-	-	-
	67	142.3	126.6	10.3	142.0	110.8	10.4	141.4	94.8	10.4	140.8	78.8	10.4	139.9	63.0	10.5	-	-	-
	62	134.9	134.9	10.3	129.6	124.5	10.3	128.8	109.5	10.3	128.2	93.6	10.3	127.5	77.8	10.4	126.6	62.0	10.4
	57	134.9	134.9	10.3	127.5	127.5	10.3	120.1	120.1	10.2	116.4	108.3	10.3	115.7	92.6	10.3	114.9	77.0	10.3
3750	77	175.9	103.8	10.6	175.6	84.3	10.6	175.1	66.5	10.7	-	-	-	-	-	-	-	-	-
	72	161.8	123.0	10.5	161.2	103.2	10.5	160.6	85.1	10.6	159.9	65.5	10.6	-	-	-	-	-	-
	67	148.1	140.7	10.4	147.8	122.7	10.4	147.3	103.1	10.4	146.4	84.9	10.5	145.7	65.6	10.5	-	-	-
	62	145.1	145.1	10.3	137.2	137.2	10.3	134.4	122.3	10.4	133.9	103.1	10.4	133.2	83.9	10.4	132.2	64.8	10.5
	57	145.0	145.0	10.3	137.0	137.0	10.3	129.0	129.0	10.3	122.1	119.7	10.3	121.0	101.6	10.3	120.2	82.9	10.4
4375	77	181.0	112.2	10.6	180.4	90.2	10.6	180.0	68.4	10.7	-	-	-	-	-	-	-	-	-
	72	166.6	133.3	10.5	166.1	111.3	10.5	165.5	89.4	10.6	164.8	69.2	10.7	-	-	-	-	-	-
	67	153.6	153.6	10.4	152.3	134.0	10.4	151.8	112.3	10.5	150.8	89.0	10.5	150.0	67.5	10.6	-	-	-
	62	153.4	153.4	10.4	145.0	145.0	10.4	138.7	133.1	10.4	138.1	110.5	10.4	137.3	89.2	10.5	136.1	68.1	10.5
	57	153.4	153.4	10.4	144.8	144.8	10.3	136.4	136.4	10.3	127.7	127.7	10.3	124.9	109.9	10.4	124.2	88.2	10.4

Table 7: AW13 cooling capacity performance (95°F)

Air on evap. coil		Temperature of air on condenser coil																	
		Return dry bulb temperature (°F)																	
CFM	WB (°F)	90			85			80			75			70			65		
		TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)
5000	77	184.9	120.2	10.6	184.4	95.9	10.7	184.0	69.9	10.8	-	-	-	-	-	-	-	-	-
	72	170.0	144.5	10.5	169.8	120.5	10.6	169.1	94.7	10.6	168.4	70.7	10.7	-	-	-	-	-	-
	67	160.6	160.6	10.4	155.3	144.4	10.5	155.4	119.7	10.5	154.6	95.8	10.6	153.6	70.7	10.7	-	-	-
	62	160.5	160.5	10.4	151.5	151.5	10.4	142.5	142.5	10.4	141.0	119.9	10.4	140.3	94.0	10.5	139.2	69.6	10.6
	57	160.5	160.5	10.4	151.5	151.5	10.4	142.4	142.4	10.4	133.4	133.4	10.4	127.7	117.5	10.4	127.1	92.8	10.5
5625	77	188.0	127.8	10.7	187.4	101.2	10.7	187.3	73.0	10.8	-	-	-	-	-	-	-	-	-
	72	172.3	156.8	10.5	172.6	127.8	10.6	172.0	99.8	10.7	170.8	73.4	10.7	-	-	-	-	-	-
	67	166.6	166.6	10.4	158.9	154.1	10.5	158.1	128.1	10.5	157.4	100.7	10.6	156.3	73.4	10.7	-	-	-
	62	166.5	166.5	10.4	157.0	157.0	10.4	147.6	147.6	10.4	143.8	126.6	10.5	143.0	98.7	10.5	141.6	72.2	10.6
	57	166.5	166.5	10.4	157.1	157.1	10.4	147.6	147.6	10.4	138.1	138.1	10.4	130.0	124.8	10.4	129.3	98.3	10.5
6250	77	190.3	135.1	10.7	190.5	104.8	10.7	189.7	75.9	10.9	-	-	-	-	-	-	-	-	-
	72	175.2	166.4	10.5	175.1	136.6	10.6	174.4	104.6	10.7	173.6	74.7	10.8	-	-	-	-	-	-
	67	171.8	171.8	10.5	161.9	161.9	10.5	160.0	136.0	10.6	159.4	105.2	10.6	158.2	74.4	10.7	-	-	-
	62	172.1	172.1	10.5	161.9	161.9	10.4	152.1	152.1	10.4	145.6	135.4	10.5	145.1	104.5	10.6	143.8	74.8	10.7
	57	171.9	171.9	10.5	161.8	161.8	10.4	152.1	152.1	10.4	142.2	142.2	10.4	132.5	132.5	10.4	131.1	102.3	10.5

Table 8: AW13 cooling capacity performance (105°F)

Air on evap. coil		Temperature of air on condenser coil																	
		Return dry bulb temperature (°F)																	
CFM	WB (°F)	90			85			80			75			70			65		
		TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)
105 (°F)																			
3125	77	160.0	91.2	11.8	159.6	75.0	11.9	158.8	58.8	11.9	-	-	-	-	-	-	-	-	-
	72	146.4	106.9	11.7	146.1	90.6	11.8	145.4	74.2	11.8	144.7	59.3	11.8	-	-	-	-	-	-
	67	133.9	121.8	11.6	133.6	105.6	11.7	132.9	90.3	11.7	132.3	74.1	11.7	131.5	59.2	11.8	-	-	-
	62	128.3	128.3	11.5	122.2	119.7	11.5	120.8	105.1	11.6	120.3	89.0	11.6	119.6	74.1	11.7	118.7	58.1	11.7
	57	128.2	128.2	11.5	121.0	121.0	11.5	113.7	113.7	11.5	108.8	103.4	11.5	107.7	84.0	12.8	107.4	72.0	11.6
3750	77	166.1	99.7	11.9	165.8	81.3	11.9	165.2	62.8	12.0	-	-	-	-	-	-	-	-	-
	72	152.2	118.7	11.8	151.7	98.6	11.8	150.9	80.0	11.9	150.3	61.6	11.9	-	-	-	-	-	-
	67	139.6	135.4	11.6	138.4	117.6	11.7	138.1	98.0	11.7	137.4	79.7	11.8	136.5	61.4	11.9	-	-	-
	62	137.7	137.7	11.6	129.8	129.8	11.6	125.5	116.7	11.6	125.3	97.7	11.7	124.7	79.8	11.7	123.6	60.5	11.8
	57	137.5	137.5	11.6	129.7	129.7	11.6	122.0	122.0	11.6	114.1	114.1	11.5	112.9	97.1	11.6	112.1	78.5	11.6
4375	77	170.0	107.1	11.9	169.9	86.6	12.0	169.5	64.4	12.1	-	-	-	-	-	-	-	-	-
	72	156.3	129.7	11.8	156.4	107.9	11.9	155.4	85.4	11.9	154.7	65.0	12.0	-	-	-	-	-	-
	67	145.5	145.5	11.7	142.2	129.4	11.7	142.0	106.5	11.8	141.1	84.7	11.8	140.5	64.6	11.9	-	-	-
	62	145.4	145.4	11.7	137.0	137.0	11.6	129.6	125.7	11.6	128.4	106.6	11.7	128.1	84.5	11.8	127.1	63.6	11.9
	57	145.3	145.3	11.7	137.0	137.0	11.6	128.6	128.6	11.6	120.2	120.2	11.6	116.2	104.6	11.6	115.5	83.2	11.7
5000	77	173.6	116.3	12.0	173.3	91.9	12.0	173.1	67.5	12.1	-	-	-	-	-	-	-	-	-
	72	159.3	140.2	11.8	159.3	116.3	11.9	158.6	90.4	11.9	157.7	66.2	12.1	-	-	-	-	-	-
	67	152.0	152.0	11.7	145.5	138.2	11.7	145.2	114.7	11.8	144.4	91.0	11.9	143.3	65.9	12.0	-	-	-
	62	151.8	151.8	11.7	143.0	143.0	11.7	134.2	134.2	11.7	131.2	114.1	11.7	130.8	88.9	11.8	129.6	66.1	11.9
	57	151.7	151.7	11.7	143.0	143.0	11.7	134.1	134.1	11.7	125.3	125.3	11.6	118.6	112.7	11.7	118.0	88.5	11.7
5625	77	176.1	123.3	12.0	176.0	96.8	12.1	175.7	68.5	12.2	-	-	-	-	-	-	-	-	-
	72	161.5	150.2	11.8	162.1	123.2	11.9	161.1	95.1	12.0	160.3	68.9	12.1	-	-	-	-	-	-
	67	157.7	157.7	11.7	148.6	147.1	11.8	147.4	122.4	11.8	146.8	95.4	11.9	145.7	68.5	12.0	-	-	-
	62	157.6	157.6	11.7	148.1	148.1	11.7	138.9	138.9	11.7	133.5	121.5	11.8	133.0	94.4	11.8	131.6	67.1	11.9
	57	157.3	157.3	11.7	148.1	148.1	11.7	138.8	138.8	11.7	129.6	129.6	11.7	121.1	118.7	11.7	119.7	92.2	11.7
6250	77	178.6	130.4	12.0	178.4	101.7	12.1	178.0	71.2	12.3	-	-	-	-	-	-	-	-	-
	72	164.4	159.4	11.8	164.0	131.2	11.9	163.7	99.8	12.0	162.3	71.4	12.2	-	-	-	-	-	-
	67	162.8	162.8	11.8	152.7	152.7	11.8	149.1	129.7	11.8	148.7	99.6	11.9	147.3	70.7	12.1	-	-	-
	62	162.5	162.5	11.8	152.7	152.7	11.8	142.9	142.9	11.7	135.4	128.6	11.8	134.9	98.4	11.9	133.5	69.4	12.0
	57	162.6	162.6	11.8	152.5	152.5	11.7	142.9	142.9	11.7	133.3	133.3	11.7	123.8	123.8	11.7	121.5	97.2	11.8

Table 9: AW13 cooling capacity (115°F)

Air on evap. coil		Temperature of air on condenser coil																	
		Return dry bulb temperature (°F)																	
CFM	WB (°F)	90			85			80			75			70			65		
		TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)
115 (°F)																			
3125	77	149.6	86.8	13.3	149.3	71.6	13.3	148.8	55.1	13.4	-	-	-	-	-	-	-	-	-
	72	137.1	101.4	13.2	136.7	86.1	13.2	136.1	70.8	13.3	135.4	55.5	13.3	-	-	-	-	-	-
	67	124.5	117.0	13.0	124.3	101.9	13.1	123.8	85.4	13.1	123.2	70.2	13.2	122.4	55.1	13.2	-	-	-
	62	121.0	121.0	13.0	113.9	113.9	12.9	112.3	99.9	13.0	111.7	84.9	13.0	111.1	68.9	13.1	110.1	54.0	13.1
	57	120.9	120.9	13.0	113.9	113.9	12.9	106.9	106.9	12.9	101.1	98.1	12.9	100.2	83.2	12.9	99.5	67.7	13.0
3750	77	154.7	94.4	13.3	154.6	77.3	13.4	154.2	58.6	13.5	-	-	-	-	-	-	-	-	-
	72	142.0	113.6	13.2	141.6	94.9	13.2	140.8	76.0	13.3	140.1	57.5	13.4	-	-	-	-	-	-
	67	129.9	129.9	13.1	128.7	111.9	13.1	128.3	93.7	13.2	127.7	75.4	13.2	126.9	57.1	13.3	-	-	-
	62	129.8	129.8	13.0	121.9	121.9	13.0	116.4	110.6	13.0	116.0	92.8	13.1	115.3	75.0	13.2	114.4	57.2	13.2
	57	129.8	129.8	13.0	121.8	121.8	13.0	114.3	114.3	13.0	106.7	106.7	13.0	104.1	91.6	13.0	103.4	73.4	13.1
4375	77	158.4	103.0	13.4	158.3	82.3	13.5	157.9	60.0	13.6	-	-	-	-	-	-	-	-	-
	72	145.6	123.7	13.2	145.4	103.2	13.3	144.9	81.1	13.4	144.1	60.5	13.5	-	-	-	-	-	-
	67	137.1	137.1	13.1	131.7	123.8	13.1	131.7	101.4	13.2	131.0	81.2	13.3	130.0	59.8	13.4	-	-	-
	62	137.0	137.0	13.1	128.7	128.7	13.1	120.3	120.3	13.0	118.8	101.0	13.1	118.1	79.1	13.2	117.2	58.6	13.3
	57	136.9	136.9	13.1	128.6	128.6	13.1	120.3	120.3	13.0	112.2	112.2	13.0	106.9	99.4	13.0	106.3	78.7	13.1
5000	77	161.3	111.3	13.4	161.1	87.0	13.5	160.9	62.8	13.7	-	-	-	-	-	-	-	-	-
	72	147.6	135.8	13.2	148.0	111.0	13.3	147.2	86.8	13.4	146.6	63.0	13.6	-	-	-	-	-	-
	67	143.0	143.0	13.1	135.3	132.6	13.1	134.2	110.0	13.2	133.7	85.6	13.3	132.7	62.3	13.5	-	-	-
	62	142.9	142.9	13.1	134.1	134.1	13.1	125.4	125.4	13.1	121.0	108.9	13.2	120.5	84.3	13.2	119.3	60.8	13.4
	57	142.9	142.9	13.1	134.1	134.1	13.1	125.4	125.4	13.1	116.7	116.7	13.1	109.2	105.9	13.1	108.3	82.3	13.1
5625	77	163.4	117.7	13.4	163.4	91.5	13.5	162.8	65.1	13.7	-	-	-	-	-	-	-	-	-
	72	150.2	144.2	13.3	149.9	118.4	13.3	149.6	91.3	13.4	148.7	64.0	13.6	-	-	-	-	-	-
	67	148.0	148.0	13.2	139.1	139.1	13.2	136.4	117.3	13.3	135.9	89.7	13.4	134.8	63.3	13.5	-	-	-
	62	147.9	147.9	13.2	139.1	139.1	13.2	129.7	129.7	13.1	122.9	115.5	13.2	122.4	89.4	13.3	121.1	63.0	13.4
	57	147.8	147.8	13.2	138.9	138.9	13.1	129.6	129.6	13.1	120.6	120.6	13.1	111.7	111.7	13.1	109.8	86.8	13.2
6250	77	164.9	125.3	13.5	165.4	95.9	13.6	165.0	66.0	13.8	-	-	-	-	-	-	-	-	-
	72	152.2	152.2	13.2	151.6	125.8	13.4	151.3	95.3	13.5	150.5	66.2	13.7	-	-	-	-	-	-
	67	152.2	152.2	13.2	143.1	143.1	13.2	137.8	124.0	13.3	137.3	94.8	13.4	136.0	65.3	13.6	-	-	-
	62	152.2	152.2	13.2	143.1	143.1	13.2	133.6	133.6	13.2	124.7	122.2	13.2	124.0	93.0	13.3	122.8	65.1	13.5
	57	152.1	152.1	13.2	143.0	143.0	13.2	133.3	133.3	13.2	123.8	123.8	13.1	114.6	114.6	13.1	111.1	92.2	13.2

Table 10: AW13 cooling capacity (125°F)

Air on evap. coil		Temperature of air on condenser coil																	
		Return dry bulb temperature (°F)																	
CFM	WB (°F)	90			85			80			75			70			65		
		TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)
125 (°F)																			
3125	77	138.3	81.6	14.9	138.0	66.3	15.0	137.7	52.3	15.0	-	-	-	-	-	-	-	-	-
	72	126.3	97.3	14.7	126.2	82.0	14.8	125.7	66.6	14.9	125.2	51.3	14.9	-	-	-	-	-	-
	67	115.5	110.9	14.6	114.6	96.2	14.6	114.1	81.0	14.7	113.6	65.9	14.8	112.9	50.8	14.9	-	-	-
	62	113.3	113.3	14.5	106.3	106.3	14.5	102.8	94.6	14.6	102.5	79.9	14.6	101.9	65.2	14.7	101.1	49.5	14.8
	57	113.3	113.3	14.5	106.2	106.2	14.5	99.4	99.4	14.5	92.6	92.6	14.5	91.7	77.9	14.5	90.9	63.7	14.6
3750	77	142.8	89.9	14.9	142.6	72.7	15.0	142.3	54.1	15.2	-	-	-	-	-	-	-	-	-
	72	130.4	108.2	14.8	130.3	89.9	14.8	129.9	71.4	14.9	129.2	54.3	15.0	-	-	-	-	-	-
	67	121.4	121.4	14.6	118.2	107.6	14.7	118.0	88.5	14.8	117.4	70.4	14.8	116.5	53.6	15.0	-	-	-
	62	121.4	121.4	14.6	113.8	113.8	14.6	107.0	104.8	14.6	106.2	88.1	14.7	105.6	69.7	14.8	104.6	52.3	14.9
	57	121.3	121.3	14.6	113.7	113.7	14.6	106.1	106.1	14.6	98.7	98.7	14.5	94.8	86.2	14.6	94.2	68.8	14.7
4375	77	145.8	97.7	15.0	145.5	77.1	15.1	145.5	56.7	15.3	-	-	-	-	-	-	-	-	-
	72	133.1	118.5	14.8	133.4	97.4	14.9	133.0	77.2	15.0	132.3	55.6	15.1	-	-	-	-	-	-
	67	127.7	127.7	14.7	121.4	116.5	14.7	120.9	96.7	14.8	120.3	75.8	14.9	119.3	54.9	15.0	-	-	-
	62	127.6	127.6	14.7	120.0	120.0	14.6	111.8	111.8	14.7	108.5	95.4	14.7	107.9	74.4	14.8	106.9	54.5	14.9
	57	127.5	127.5	14.7	119.7	119.7	14.6	111.6	111.6	14.6	103.6	103.6	14.6	97.1	93.2	14.6	96.5	73.3	14.7

Table 10: AW13 cooling capacity (125°F)

Air on evap. coil		Temperature of air on condenser coil																	
		Return dry bulb temperature (°F)																	
CFM	WB (°F)	90			85			80			75			70			65		
		TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)
5000	77	148.1	105.1	15.0	147.9	81.3	15.1	147.7	59.1	15.3	-	-	-	-	-	-	-	-	-
	72	135.4	128.6	14.8	135.5	105.7	14.9	135.2	81.1	15.0	134.0	57.6	15.2	-	-	-	-	-	-
	67	132.9	132.9	14.7	124.7	124.7	14.7	123.0	104.5	14.8	122.5	80.8	14.9	121.5	57.1	15.1	-	-	-
	62	132.9	132.9	14.7	124.6	124.6	14.7	116.4	116.4	14.7	110.3	102.5	14.7	109.9	79.1	14.8	108.5	56.4	15.0
	57	132.8	132.8	14.7	124.6	124.6	14.7	116.3	116.3	14.7	107.7	107.7	14.7	99.3	99.3	14.6	98.1	77.5	14.7
5625	77	149.6	112.2	15.0	149.7	86.9	15.2	149.5	59.8	15.4	-	-	-	-	-	-	-	-	-
	72	137.4	137.4	14.8	137.4	112.6	15.0	136.8	86.2	15.1	136.1	59.9	15.3	-	-	-	-	-	-
	67	137.3	137.3	14.8	128.8	128.8	14.8	124.3	111.9	14.8	124.3	84.5	15.0	123.1	59.1	15.2	-	-	-
	62	137.3	137.3	14.8	128.7	128.7	14.8	120.1	120.1	14.7	112.2	108.9	14.7	111.5	83.6	14.9	110.1	58.3	15.1
	57	137.2	137.2	14.8	128.7	128.7	14.7	120.1	120.1	14.7	111.1	111.1	14.7	102.4	102.4	14.7	99.1	81.2	14.8
6250	77	150.6	120.5	15.1	151.3	90.8	15.2	151.2	62.0	15.5	-	-	-	-	-	-	-	-	-
	72	141.0	141.0	14.9	137.9	120.0	15.0	138.3	89.9	15.1	137.5	61.9	15.3	-	-	-	-	-	-
	67	140.9	140.9	14.8	132.2	132.2	14.8	125.5	117.9	14.8	125.5	89.1	15.0	124.1	60.8	15.2	-	-	-
	62	140.9	140.9	14.8	132.1	132.1	14.8	123.3	123.3	14.8	114.1	114.1	14.8	112.8	87.9	14.9	111.2	59.0	15.1
	57	140.9	140.9	14.8	132.1	132.1	14.8	123.3	123.3	14.8	114.1	114.1	14.7	104.9	104.9	14.7	100.2	86.2	14.8

AW15 cooling capacity performance

Table 11: AW15 cooling capacity performance (75°F)

Air on evap. coil		Temperature of air on condenser coil																	
		Return dry bulb temperature (°F)																	
CFM	WB (°F)	90			85			80			75			70			65		
		TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)
75 (°F)																			
3750	77	217.3	120.7	10.3	217.1	100.9	10.3	216.9	81.1	10.3	-	-	-	-	-	-	-	-	-
	72	200.8	140.0	10.2	200.4	121.5	10.2	199.9	101.0	10.2	199.4	82.6	10.3	-	-	-	-	-	-
	67	185.2	160.9	10.1	184.9	140.1	10.1	184.3	121.0	10.1	183.8	102.1	10.1	183.1	83.2	10.2	-	-	-
	62	173.1	174.9	10.0	169.3	160.8	10.0	169.4	140.3	10.0	168.9	121.2	10.0	168.3	102.0	10.1	167.5	82.9	10.1
	57	173.0	174.8	9.9	164.5	166.2	9.9	156.1	157.7	9.9	154.5	140.4	9.9	154.0	121.3	10.0	153.2	102.1	10.0
4500	77	226.2	130.2	10.4	226.1	107.3	10.4	225.5	84.3	10.4	-	-	-	-	-	-	-	-	-
	72	209.3	154.3	10.2	208.9	132.9	10.3	208.5	109.5	10.3	208.0	86.1	10.3	-	-	-	-	-	-
	67	193.0	179.3	10.1	192.7	155.7	10.1	192.3	132.1	10.2	191.8	110.4	10.2	191.3	87.0	10.2	-	-	-
	62	186.0	187.9	10.0	178.2	176.4	10.0	176.9	155.5	10.1	176.7	132.1	10.1	176.1	110.3	10.1	175.2	86.7	10.2
	57	186.0	187.8	10.0	176.7	178.5	10.0	167.5	169.2	10.0	161.6	155.1	10.0	161.5	132.2	10.0	160.7	108.8	10.1
5250	77	232.8	141.1	10.4	232.7	115.2	10.4	232.5	89.3	10.5	-	-	-	-	-	-	-	-	-
	72	216.0	170.2	10.3	215.6	141.5	10.3	215.1	115.1	10.3	214.8	89.0	10.4	-	-	-	-	-	-
	67	199.6	195.6	10.1	199.2	169.0	10.2	198.5	142.4	10.2	198.1	116.0	10.3	197.5	89.8	10.3	-	-	-
	62	196.8	198.8	10.1	186.9	188.8	10.1	182.4	169.5	10.1	182.4	143.7	10.1	181.9	117.6	10.2	181.1	89.6	10.2
	57	196.6	198.6	10.1	186.6	188.5	10.0	176.9	178.7	10.0	168.2	168.2	10.0	167.0	143.4	10.1	166.3	115.9	10.1
6000	77	237.9	151.4	10.5	237.9	122.6	10.5	238.4	91.5	10.5	-	-	-	-	-	-	-	-	-
	72	220.7	182.8	10.3	220.4	151.4	10.3	220.0	122.2	10.4	219.6	93.2	10.4	-	-	-	-	-	-
	67	206.0	208.0	10.2	203.6	183.1	10.2	203.7	152.2	10.3	203.1	123.1	10.3	203.2	94.4	10.4	-	-	-
	62	205.7	207.8	10.1	195.3	197.3	10.1	187.4	181.7	10.1	187.1	153.0	10.2	186.4	122.4	10.2	185.6	93.8	10.3
	57	205.7	207.7	10.1	195.2	197.2	10.1	184.8	186.7	10.1	174.6	176.4	10.0	171.2	152.2	10.1	170.4	122.2	10.1
6750	77	241.8	161.2	10.5	242.1	127.2	10.5	242.8	95.6	10.6	-	-	-	-	-	-	-	-	-
	72	224.5	195.0	10.3	224.5	161.0	10.4	224.3	129.1	10.4	224.1	95.1	10.5	-	-	-	-	-	-
	67	213.4	215.5	10.2	207.2	196.7	10.2	207.4	163.4	10.3	206.9	129.6	10.3	206.2	95.8	10.4	-	-	-
	62	213.4	215.5	10.2	202.5	204.6	10.2	191.8	193.7	10.1	190.9	162.0	10.2	190.3	128.8	10.2	189.4	95.7	10.3
	57	213.2	215.4	10.2	202.4	204.5	10.1	191.6	193.5	10.1	180.9	182.7	10.1	174.3	162.0	10.1	173.9	128.2	10.2
7500	77	245.2	170.9	10.5	245.5	133.9	10.6	246.3	97.0	10.6	-	-	-	-	-	-	-	-	-
	72	227.3	208.9	10.3	227.9	172.6	10.4	227.8	135.7	10.4	227.6	98.9	10.5	-	-	-	-	-	-
	67	220.0	222.2	10.2	211.0	206.8	10.2	210.3	172.0	10.3	210.1	135.8	10.4	209.5	99.5	10.4	-	-	-
	62	220.0	222.2	10.2	208.8	210.9	10.2	197.4	199.4	10.2	193.9	172.4	10.2	193.6	134.9	10.3	192.6	99.2	10.4
	57	219.9	222.2	10.2	208.7	210.8	10.2	197.4	199.4	10.1	186.2	188.1	10.1	177.4	172.1	10.1	176.9	135.8	10.2

Table 12: AW15 cooling capacity performance (85°F)

Air on evap. coil		Temperature of air on condenser coil																	
		Return dry bulb temperature (°F)																	
CFM	WB (°F)	90			85			80			75			70			65		
		TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)
85 (°F)																			
3750	77	208.0	115.6	11.6	207.8	96.6	11.7	207.3	77.5	11.7	-	-	-	-	-	-	-	-	-
	72	191.9	135.7	11.5	191.6	116.1	11.5	191.1	98.4	11.5	190.5	78.9	11.6	-	-	-	-	-	-
	67	176.4	156.8	11.3	176.4	137.2	11.4	176.1	117.4	11.4	175.5	97.5	11.4	174.8	79.5	11.5	-	-	-
	62	166.4	168.1	11.2	161.5	155.0	11.2	161.4	137.0	11.3	161.0	117.1	11.3	160.3	98.8	11.3	159.6	79.0	11.4
	57	166.3	168.0	11.2	158.1	159.7	11.2	149.8	151.3	11.2	146.9	135.0	11.2	146.5	116.9	11.2	145.7	97.1	11.2
4500	77	216.0	126.6	11.7	215.9	104.7	11.7	215.9	82.9	11.8	-	-	-	-	-	-	-	-	-
	72	199.6	151.2	11.5	199.5	126.9	11.6	199.0	104.5	11.6	198.7	82.3	11.7	-	-	-	-	-	-
	67	183.3	174.0	11.4	183.5	150.2	11.4	183.1	127.6	11.5	182.7	105.2	11.5	182.0	82.7	11.6	-	-	-
	62	178.6	180.4	11.3	169.6	171.3	11.3	168.4	151.3	11.3	168.1	127.3	11.4	167.5	104.9	11.4	166.6	82.5	11.5
	57	178.5	180.3	11.3	169.5	171.2	11.3	160.5	162.1	11.2	153.7	149.0	11.2	153.2	126.9	11.3	152.5	104.8	11.3
5250	77	221.9	136.8	11.7	221.8	109.8	11.8	221.9	85.2	11.8	-	-	-	-	-	-	-	-	-
	72	206.1	164.4	11.6	205.3	138.9	11.6	205.2	111.9	11.7	204.9	84.8	11.7	-	-	-	-	-	-
	67	190.2	188.2	11.4	189.4	164.5	11.5	188.9	137.4	11.5	188.3	112.2	11.6	187.7	85.3	11.6	-	-	-
	62	188.7	190.6	11.4	178.9	180.7	11.3	173.5	164.7	11.4	173.2	138.2	11.4	172.6	111.6	11.5	171.9	86.8	11.5
	57	188.5	190.4	11.4	178.8	180.6	11.3	169.4	171.1	11.3	159.8	161.4	11.3	158.3	137.5	11.3	157.6	111.4	11.4

Table 12: AW15 cooling capacity performance (85°F)

Air on evap. coil		Temperature of air on condenser coil																	
		Return dry bulb temperature (°F)																	
CFM	WB (°F)	90			85			80			75			70			65		
		TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)
6000	77	226.6	146.5	11.8	226.5	116.7	11.8	226.8	87.1	11.9	-	-	-	-	-	-	-	-	-
	72	210.0	178.2	11.6	209.9	148.4	11.7	209.8	118.7	11.7	209.5	88.9	11.8	-	-	-	-	-	-
	67	197.2	199.2	11.5	193.4	177.7	11.5	193.4	148.4	11.6	193.1	119.0	11.6	192.6	89.5	11.7	-	-	-
	62	197.2	199.2	11.4	186.8	188.7	11.4	178.3	176.5	11.4	177.3	148.6	11.5	176.6	117.7	11.5	175.9	88.8	11.6
	57	197.2	199.2	11.4	186.7	188.6	11.4	176.7	178.5	11.4	166.6	168.3	11.3	162.0	147.2	11.4	161.3	117.3	11.4
6750	77	230.2	155.8	11.8	230.4	123.4	11.9	230.7	90.9	12.0	-	-	-	-	-	-	-	-	-
	72	213.0	191.5	11.6	213.7	157.5	11.7	213.5	125.1	11.7	213.2	90.5	11.8	-	-	-	-	-	-
	67	204.5	206.6	11.5	197.0	191.0	11.5	197.3	157.4	11.6	196.2	124.9	11.7	195.8	91.0	11.7	-	-	-
	62	204.5	206.5	11.5	193.7	195.7	11.5	183.0	184.8	11.4	180.6	156.9	11.5	180.2	123.8	11.6	179.3	92.4	11.6
	57	204.4	206.5	11.5	193.7	195.7	11.4	182.9	184.7	11.4	172.4	174.1	11.4	164.7	156.3	11.4	164.3	124.5	11.4
7500	77	233.0	164.7	11.9	233.9	129.9	11.9	233.9	92.1	12.0	-	-	-	-	-	-	-	-	-
	72	215.6	202.5	11.6	216.5	166.2	11.7	216.6	129.1	11.8	216.5	94.0	11.9	-	-	-	-	-	-
	67	210.6	212.8	11.6	200.6	200.6	11.5	199.8	167.5	11.6	199.5	131.0	11.7	198.7	94.3	11.8	-	-	-
	62	210.6	212.7	11.5	199.5	201.5	11.5	188.3	190.2	11.5	183.1	166.5	11.5	183.0	129.4	11.6	182.1	93.8	11.7
	57	210.5	212.6	11.5	199.5	201.5	11.5	188.2	190.1	11.4	177.4	179.2	11.4	167.8	164.4	11.4	166.9	129.8	11.5

Table 13: AW15 cooling capacity performance (95°F)

Air on evap. coil		Temperature of air on condenser coil																	
		Return dry bulb temperature (°F)																	
CFM	WB (°F)	90			85			80			75			70			65		
		TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)
95 (°F)																			
3750	77	197.6	111.8	13.0	197.5	93.8	13.1	197.1	73.7	13.1	-	-	-	-	-	-	-	-	-
	72	182.7	131.0	12.9	182.2	112.2	12.9	182.0	93.7	12.9	181.3	75.1	13.0	-	-	-	-	-	-
	67	167.5	150.6	12.7	167.3	131.8	12.8	166.9	113.0	12.8	166.4	94.1	12.8	165.8	75.4	12.9	-	-	-
	62	159.4	161.0	12.6	153.5	150.4	12.6	152.8	131.2	12.6	152.4	112.4	12.7	151.9	93.6	12.7	151.1	74.8	12.8
	57	159.3	160.9	12.6	151.1	152.7	12.5	143.0	144.5	12.5	139.0	130.5	12.5	138.6	112.0	12.6	137.9	93.3	12.6
4500	77	204.8	122.1	13.1	204.7	99.3	13.2	204.8	78.6	13.2	-	-	-	-	-	-	-	-	-
	72	189.6	145.5	12.9	189.3	122.4	13.0	189.0	101.2	13.0	188.2	77.9	13.1	-	-	-	-	-	-
	67	173.6	168.3	12.8	174.1	145.9	12.8	173.6	122.8	12.9	173.2	101.5	12.9	172.5	78.4	13.0	-	-	-
	62	170.8	172.5	12.7	161.8	163.5	12.7	159.1	146.2	12.7	158.8	123.5	12.7	158.2	100.7	12.8	157.4	77.9	12.9
	57	170.6	172.3	12.7	161.8	163.4	12.6	153.0	154.5	12.6	145.5	144.0	12.6	144.6	122.7	12.6	144.0	100.3	12.7
5250	77	210.0	131.5	13.2	210.4	106.2	13.2	210.3	80.7	13.3	-	-	-	-	-	-	-	-	-
	72	194.7	159.3	13.0	194.4	133.5	13.0	194.2	107.9	13.1	194.4	82.5	13.2	-	-	-	-	-	-
	67	180.4	182.2	12.8	179.0	159.1	12.9	178.9	133.7	12.9	178.3	108.1	13.0	177.5	82.5	13.0	-	-	-
	62	180.3	182.2	12.8	170.6	172.4	12.7	163.6	158.6	12.7	163.3	133.6	12.8	162.7	106.8	12.8	162.0	81.8	12.9
	57	180.3	182.2	12.8	170.5	172.2	12.7	161.2	162.8	12.7	151.7	153.2	12.6	148.9	132.4	12.7	148.5	106.5	12.7
6000	77	214.0	142.7	13.2	214.3	112.6	13.3	214.6	84.5	13.4	-	-	-	-	-	-	-	-	-
	72	198.1	172.1	13.0	198.3	142.2	13.1	198.5	114.3	13.1	198.0	84.0	13.2	-	-	-	-	-	-
	67	188.1	190.0	12.9	182.5	173.2	12.9	182.9	142.3	13.0	182.5	114.3	13.0	182.0	84.6	13.1	-	-	-
	62	188.1	190.0	12.8	178.1	179.9	12.8	167.9	169.6	12.8	167.0	141.7	12.8	166.3	112.5	12.9	165.6	83.7	13.0
	57	188.0	189.9	12.8	178.2	180.0	12.8	167.9	169.6	12.7	158.0	159.6	12.7	152.1	141.3	12.7	151.7	111.9	12.8
6750	77	217.3	151.5	13.2	217.9	118.8	13.3	218.1	85.9	13.4	-	-	-	-	-	-	-	-	-
	72	200.8	184.5	13.0	201.7	152.8	13.1	201.8	120.3	13.2	201.7	87.6	13.3	-	-	-	-	-	-
	67	194.4	196.4	12.9	186.1	182.3	12.9	185.8	152.0	13.0	185.5	119.9	13.0	185.2	87.9	13.2	-	-	-
	62	194.7	196.6	12.9	184.4	186.2	12.8	173.8	175.6	12.8	169.9	151.0	12.9	169.6	119.9	12.9	168.7	86.9	13.1
	57	194.4	196.4	12.9	184.4	186.2	12.8	173.7	175.5	12.8	163.3	164.9	12.7	154.8	150.1	12.7	154.3	118.4	12.8
7500	77	219.9	159.9	13.3	220.1	124.5	13.3	220.5	89.1	13.5	-	-	-	-	-	-	-	-	-
	72	203.3	197.2	13.0	204.0	160.7	13.1	204.3	125.9	13.2	204.3	88.7	13.3	-	-	-	-	-	-
	67	200.3	202.3	13.0	189.8	191.7	12.9	188.3	161.7	13.0	188.0	125.3	13.1	187.6	89.1	13.2	-	-	-
	62	200.2	202.3	13.0	189.7	191.6	12.9	179.1	180.9	12.9	172.2	161.8	12.9	171.9	125.0	13.0	171.4	90.0	13.1
	57	200.1	202.1	12.9	189.7	191.6	12.9	179.1	180.9	12.8	167.9	169.6	12.8	157.7	157.7	12.8	156.5	123.3	12.9

Table 14: AW15 cooling capacity performance (105°F)

Air on evap. coil		Temperature of air on condenser coil																	
		Return dry bulb temperature (°F)																	
CFM	WB (°F)	90			85			80			75			70			65		
		TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)
105 (°F)																			
3750	77	186.5	107.4	14.6	186.8	88.7	14.6	185.4	69.3	14.6	-	-	-	-	-	-	-	-	-
	72	172.1	126.9	14.4	171.8	107.6	14.4	171.6	90.1	14.5	171.4	71.0	14.5	-	-	-	-	-	-
	67	158.1	145.3	14.2	158.0	127.7	14.3	157.7	108.3	14.3	157.3	89.0	14.4	156.7	71.2	14.4	-	-	-
	62	151.7	153.2	14.1	144.7	143.2	14.1	143.5	126.1	14.1	143.3	107.1	14.2	142.8	89.4	14.2	142.1	70.3	14.3
	57	151.6	153.1	14.1	143.6	145.1	14.0	135.7	137.0	14.0	130.3	125.1	14.0	130.1	106.4	14.1	129.5	87.6	14.1
4500	77	192.7	118.7	14.6	192.8	95.4	14.7	193.4	74.2	14.8	-	-	-	-	-	-	-	-	-
	72	178.3	140.5	14.5	178.2	118.8	14.5	177.8	97.0	14.6	177.3	73.4	14.6	-	-	-	-	-	-
	67	164.3	160.9	14.2	163.4	140.3	14.3	163.5	118.9	14.4	163.0	95.5	14.4	162.5	73.9	14.5	-	-	-
	62	162.5	164.1	14.2	153.9	155.4	14.2	149.0	140.0	14.2	149.4	117.7	14.3	148.6	96.1	14.3	147.9	73.2	14.4
	57	162.4	164.1	14.2	154.0	155.6	14.1	144.8	146.3	14.1	136.3	137.7	14.1	135.3	117.5	14.1	134.8	95.3	14.2
5250	77	197.2	127.5	14.7	197.5	101.8	14.8	197.9	76.0	14.9	-	-	-	-	-	-	-	-	-
	72	182.7	153.2	14.5	182.8	127.4	14.6	182.5	103.2	14.6	182.0	77.2	14.7	-	-	-	-	-	-
	67	171.1	172.8	14.3	167.6	154.1	14.3	167.9	128.9	14.4	167.6	103.3	14.5	166.9	77.6	14.6	-	-	-
	62	171.2	172.9	14.3	161.9	163.5	14.2	154.0	152.5	14.2	152.9	126.7	14.3	152.5	101.7	14.4	152.0	76.8	14.5
	57	170.9	172.6	14.3	161.9	163.6	14.2	152.7	154.3	14.2	143.2	144.6	14.1	139.1	126.4	14.2	138.7	100.9	14.2
6000	77	200.7	137.9	14.7	201.2	107.7	14.8	201.6	79.4	15.0	-	-	-	-	-	-	-	-	-
	72	185.1	166.4	14.5	185.8	137.0	14.6	186.1	109.0	14.7	185.5	78.7	14.8	-	-	-	-	-	-
	67	178.3	180.1	14.4	171.2	166.0	14.4	171.4	136.8	14.5	171.2	109.0	14.5	170.8	79.3	14.7	-	-	-
	62	177.9	179.7	14.4	168.6	170.3	14.3	159.1	160.7	14.3	156.5	137.6	14.3	155.8	108.6	14.4	155.1	79.9	14.5
	57	177.9	179.7	14.4	168.5	170.2	14.3	159.2	160.8	14.2	149.0	150.5	14.2	141.8	136.0	14.2	141.3	107.1	14.3
6750	77	203.4	145.9	14.8	204.2	113.4	14.9	204.4	80.5	15.0	-	-	-	-	-	-	-	-	-
	72	187.4	179.8	14.5	188.6	146.7	14.6	188.8	114.4	14.7	189.0	82.1	14.9	-	-	-	-	-	-
	67	184.0	185.8	14.4	174.3	176.0	14.4	174.0	145.9	14.5	173.7	114.1	14.6	173.5	82.4	14.7	-	-	-
	62	183.9	185.8	14.4	174.3	176.0	14.4	164.3	166.0	14.3	158.9	146.0	14.4	158.7	113.8	14.4	157.8	81.3	14.6
	57	183.8	185.7	14.4	174.0	175.8	14.4	164.2	165.8	14.3	154.3	155.9	14.3	144.7	143.3	14.2	143.7	111.8	14.3
7500	77	205.8	153.8	14.8	206.3	118.8	14.9	207.2	83.7	15.1	-	-	-	-	-	-	-	-	-
	72	190.1	188.1	14.6	190.6	155.9	14.6	191.2	119.7	14.8	191.1	84.9	14.9	-	-	-	-	-	-
	67	189.1	191.0	14.5	179.0	180.8	14.4	175.8	156.3	14.5	175.9	119.1	14.6	175.5	85.1	14.8	-	-	-
	62	189.0	190.9	14.5	179.0	180.8	14.4	168.7	170.4	14.4	160.8	154.3	14.4	161.0	118.7	14.5	160.0	84.0	14.6
	57	189.1	191.0	14.5	178.9	180.7	14.4	168.8	170.5	14.4	158.4	160.0	14.3	147.8	149.3	14.3	145.7	117.8	14.4

Table 15: AW15 cooling capacity performance (115°F)

Air on evap. coil		Temperature of air on condenser coil																	
		Return dry bulb temperature (°F)																	
CFM	WB (°F)	90			85			80			75			70			65		
		TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)
115 (°F)																			
3750	77	174.2	102.0	16.2	174.3	84.5	16.3	174.9	67.1	16.4	-	-	-	-	-	-	-	-	-
	72	160.7	121.7	16.0	160.5	103.7	16.1	160.4	84.2	16.1	160.1	66.3	16.2	-	-	-	-	-	-
	67	147.4	140.0	15.8	147.6	122.3	15.9	147.3	102.7	15.9	147.0	84.6	16.0	146.5	66.6	16.1	-	-	-
	62	143.7	145.2	15.7	136.1	137.4	15.7	134.3	120.8	15.8	134.1	103.0	15.8	133.4	83.5	15.9	132.9	65.8	15.9
	57	143.6	145.1	15.7	136.0	137.4	15.7	128.0	129.3	15.6	121.6	119.1	15.6	121.0	101.4	15.7	120.4	82.7	15.8
4500	77	179.6	112.5	16.3	179.8	90.8	16.4	180.0	69.1	16.5	-	-	-	-	-	-	-	-	-
	72	165.9	135.8	16.1	165.9	114.0	16.2	165.8	90.5	16.2	165.7	70.3	16.3	-	-	-	-	-	-
	67	153.3	154.9	15.9	152.0	135.1	15.9	152.2	113.7	16.0	152.0	90.6	16.1	151.5	68.9	16.2	-	-	-
	62	153.2	154.7	15.9	145.0	146.5	15.8	139.0	134.8	15.8	139.0	112.3	15.9	138.6	91.0	16.0	138.0	69.7	16.1
	57	153.2	154.7	15.8	145.0	146.5	15.8	136.7	138.1	15.7	128.1	129.3	15.7	125.6	111.6	15.8	125.2	89.8	15.8
5250	77	183.2	122.2	16.4	183.8	96.5	16.4	184.3	72.6	16.6	-	-	-	-	-	-	-	-	-
	72	169.5	149.0	16.1	169.8	121.8	16.2	169.9	97.8	16.3	169.9	72.1	16.4	-	-	-	-	-	-
	67	160.8	162.4	16.0	155.5	147.6	16.0	156.1	123.0	16.1	155.7	97.5	16.1	155.3	72.2	16.3	-	-	-
	62	160.8	162.4	15.9	152.2	153.7	15.9	143.4	144.9	15.8	142.1	122.0	15.9	141.9	96.0	16.0	141.3	71.4	16.1
	57	160.7	162.3	15.9	152.0	153.5	15.9	143.4	144.8	15.8	134.5	135.9	15.8	128.8	121.0	15.8	128.6	96.1	15.9

Table 15: AW15 cooling capacity performance (115°F)

Air on evap. coil		Temperature of air on condenser coil																	
		Return dry bulb temperature (°F)																	
CFM	WB (°F)	90			85			80			75			70			65		
		TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)
6000	77	186.5	131.8	16.4	186.9	102.0	16.5	187.8	74.0	16.7	-	-	-	-	-	-	-	-	-
	72	171.4	161.0	16.1	172.4	130.6	16.2	172.7	102.9	16.3	172.8	75.0	16.5	-	-	-	-	-	-
	67	167.1	168.8	16.0	158.7	158.7	16.0	158.9	131.6	16.1	158.7	102.6	16.2	158.5	75.3	16.4	-	-	-
	62	167.0	168.7	16.0	158.1	159.7	16.0	149.1	150.6	15.9	144.8	131.6	16.0	144.9	102.5	16.1	144.0	74.2	16.2
	57	167.0	168.7	16.0	158.1	159.7	16.0	149.0	150.5	15.9	139.8	141.2	15.8	131.3	128.7	15.8	130.9	100.5	15.9
6750	77	188.4	140.8	16.4	189.8	107.4	16.6	190.7	77.1	16.8	-	-	-	-	-	-	-	-	-
	72	174.1	170.6	16.2	174.6	141.1	16.3	175.2	107.9	16.4	176.2	76.5	16.6	-	-	-	-	-	-
	67	171.8	173.6	16.1	163.1	164.8	16.1	160.9	139.8	16.1	160.9	108.9	16.2	160.6	76.3	16.4	-	-	-
	62	172.5	174.2	16.1	162.9	164.6	16.0	153.7	155.3	16.0	146.9	139.5	16.0	147.0	108.4	16.1	146.2	76.8	16.3
	57	172.4	174.1	16.1	163.0	164.7	16.0	153.8	155.3	16.0	144.1	145.6	15.9	134.4	135.8	15.9	132.8	106.0	16.0
7500	77	190.0	147.8	16.5	191.5	114.1	16.6	192.3	79.6	16.8	-	-	-	-	-	-	-	-	-
	72	176.9	178.7	16.2	176.3	149.6	16.3	177.1	114.5	16.4	177.3	78.8	16.6	-	-	-	-	-	-
	67	176.9	178.7	16.2	167.4	169.1	16.1	162.2	149.1	16.1	162.7	113.4	16.3	162.5	78.8	16.5	-	-	-
	62	176.6	178.4	16.2	167.4	169.1	16.1	157.7	159.3	16.0	148.8	147.3	16.0	148.9	112.8	16.2	148.2	79.3	16.3
	57	176.9	178.7	16.1	167.4	169.1	16.1	157.7	159.2	16.0	147.9	149.4	16.0	137.8	139.2	15.9	134.6	111.5	16.0

Table 16: AW15 cooling capacity performance (125°F)

Air on evap. coil		Temperature of air on condenser coil																	
		Return dry bulb temperature (°F)																	
CFM	WB (°F)	90			85			80			75			70			65		
		TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)
125 (°F)																			
3750	77	161.0	97.6	18.0	161.3	79.8	18.1	161.4	61.9	18.2	-	-	-	-	-	-	-	-	-
	72	148.3	116.9	17.8	148.2	97.3	17.9	148.2	79.3	17.9	148.1	61.3	18.0	-	-	-	-	-	-
	67	136.2	133.4	17.6	136.0	116.7	17.7	136.1	97.6	17.7	135.8	79.6	17.8	135.4	61.6	17.9	-	-	-
	62	134.7	136.1	17.6	127.3	128.6	17.5	123.8	115.1	17.5	123.8	97.6	17.6	123.4	78.5	17.7	122.9	60.8	17.8
	57	134.5	135.9	17.5	127.2	128.5	17.5	119.8	121.0	17.4	112.3	113.4	17.4	111.4	95.7	17.5	111.2	77.5	17.6
4500	77	165.7	107.1	18.1	165.9	85.4	18.2	166.2	63.8	18.3	-	-	-	-	-	-	-	-	-
	72	152.5	129.4	17.9	153.0	108.2	17.9	153.0	86.5	18.0	152.9	64.9	18.2	-	-	-	-	-	-
	67	143.0	144.5	17.7	139.6	129.8	17.7	140.1	107.5	17.8	140.1	86.3	17.9	139.7	64.9	18.0	-	-	-
	62	143.0	144.4	17.7	135.2	136.5	17.6	128.1	126.8	17.6	127.8	107.1	17.7	127.5	85.0	17.8	127.0	64.1	17.9
	57	142.9	144.4	17.6	135.1	136.5	17.6	127.3	128.6	17.5	119.3	120.5	17.5	115.5	105.0	17.5	115.1	83.7	17.6
5250	77	168.8	116.0	18.1	169.3	92.4	18.3	170.0	67.0	18.4	-	-	-	-	-	-	-	-	-
	72	155.2	142.7	17.9	156.0	116.6	18.0	156.2	91.5	18.1	156.5	68.0	18.3	-	-	-	-	-	-
	67	149.7	151.2	17.8	142.9	140.0	17.7	143.2	115.7	17.8	143.1	91.1	18.0	142.9	66.4	18.1	-	-	-
	62	149.6	151.2	17.7	141.4	142.8	17.7	133.3	134.6	17.6	130.3	115.8	17.7	130.1	90.7	17.8	129.8	66.8	18.0
	57	149.9	151.5	17.7	141.5	142.9	17.7	133.2	134.5	17.6	124.8	126.1	17.6	118.0	114.4	17.6	117.9	89.3	17.7
6000	77	170.9	126.0	18.2	171.9	97.2	18.3	172.9	69.8	18.5	-	-	-	-	-	-	-	-	-
	72	157.0	153.8	17.9	158.2	124.6	18.0	158.5	97.7	18.1	158.8	69.0	18.4	-	-	-	-	-	-
	67	155.2	156.8	17.8	146.8	148.3	17.8	145.3	124.8	17.9	145.8	97.2	18.0	145.6	69.1	18.2	-	-	-
	62	155.3	156.8	17.8	146.7	148.2	17.8	138.2	139.6	17.7	132.4	124.3	17.7	132.9	96.6	17.9	132.0	69.4	18.1
	57	155.3	156.8	17.8	146.7	148.2	17.8	138.1	139.5	17.7	129.4	130.7	17.7	120.5	121.8	17.6	119.7	94.3	17.7
6750	77	172.8	134.4	18.2	174.0	102.0	18.4	174.5	72.3	18.6	-	-	-	-	-	-	-	-	-
	72	159.8	161.5	17.9	159.6	133.8	18.1	160.8	102.3	18.2	161.1	71.6	18.4	-	-	-	-	-	-
	67	159.8	161.5	17.9	151.1	152.7	17.8	146.8	133.5	17.9	147.4	102.8	18.1	147.4	71.4	18.3	-	-	-
	62	159.9	161.5	17.9	151.1	152.6	17.8	142.2	143.7	17.8	134.2	132.9	17.8	134.4	101.8	17.9	133.8	70.3	18.1
	57	159.9	161.5	17.9	151.1	152.6	17.8	142.2	143.6	17.8	133.2	134.5	17.7	124.1	125.3	17.7	121.6	99.5	17.8
7500	77	173.7	142.1	18.2	175.0	107.8	18.4	176.7	73.2	18.7	-	-	-	-	-	-	-	-	-
	72	163.7	165.4	18.0	161.1	143.2	18.1	161.6	107.7	18.2	162.6	73.9	18.5	-	-	-	-	-	-
	67	163.8	165.4	18.0	154.9	156.4	17.9	148.1	142.1	17.9	148.7	106.6	18.1	148.7	73.6	18.4	-	-	-
	62	163.8	165.4	17.9	154.9	156.4	17.9	145.7	147.2	17.8	136.5	137.8	17.8	135.9	107.1	18.0	135.3	72.5	18.2
	57	163.9	165.6	17.9	154.9	156.5	17.9	145.8	147.3	17.8	136.5	137.9	17.8	127.0	128.3	17.7	123.0	105.6	17.9

AW18 cooling capacity performance

Table 17: AW18 cooling capacity performance (75°F)

Air on evap. coil		Temperature of air on condenser coil																	
		Return dry bulb temperature (°F)																	
CFM	WB (°F)	90			85			80			75			70			65		
		TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)
75 (°F)																			
4375	77	255.9	140.0	10.6	255.0	116.7	10.6	254.4	93.7	10.6	-	-	-	-	-	-	-	-	-
	72	235.3	163.9	10.7	234.4	139.9	10.7	233.3	116.1	10.7	232.4	94.8	10.8	-	-	-	-	-	-
	67	215.8	184.7	10.8	215.0	162.6	10.8	214.1	140.6	10.8	213.0	116.6	10.9	211.9	94.9	10.9	-	-	-
	62	202.6	201.6	10.8	196.8	184.1	10.9	196.2	162.1	10.9	195.1	139.8	10.9	193.9	115.8	10.9	192.7	94.0	11.0
	57	202.5	201.5	10.8	191.9	190.9	10.9	181.4	180.5	10.9	178.2	161.4	10.9	177.2	137.5	11.0	176.0	115.6	11.0
5250	77	264.7	152.7	10.5	263.8	123.4	10.5	262.9	96.8	10.6	-	-	-	-	-	-	-	-	-
	72	243.9	179.6	10.6	242.9	152.3	10.7	241.7	125.0	10.7	240.4	98.1	10.7	-	-	-	-	-	-
	67	224.1	205.1	10.7	223.0	179.7	10.8	222.0	152.4	10.8	220.7	125.2	10.8	219.5	98.3	10.9	-	-	-
	62	216.8	215.7	10.7	205.2	204.2	10.8	203.3	178.0	10.9	202.4	151.0	10.9	201.3	124.2	10.9	199.9	97.5	11.0
	57	216.6	215.5	10.7	205.0	204.0	10.8	193.6	192.7	10.9	185.0	176.8	10.9	184.4	150.4	11.0	183.1	123.9	11.0
6125	77	270.8	161.7	10.5	269.6	131.5	10.5	268.8	101.6	10.6	-	-	-	-	-	-	-	-	-
	72	249.5	193.6	10.6	248.6	163.2	10.7	247.4	132.9	10.7	245.9	100.3	10.7	-	-	-	-	-	-
	67	229.9	224.2	10.7	229.1	193.8	10.8	227.9	163.3	10.8	226.5	133.0	10.8	224.8	100.7	10.9	-	-	-
	62	228.1	227.0	10.7	215.8	214.7	10.8	208.8	193.2	10.9	207.7	163.2	10.9	206.4	131.4	10.9	204.8	101.9	11.0
	57	228.0	226.9	10.7	215.7	214.6	10.8	203.4	202.4	10.8	191.3	190.4	10.9	189.0	161.8	11.0	187.8	130.8	11.0
7000	77	275.3	172.6	10.4	273.9	139.0	10.5	272.8	103.1	10.6	-	-	-	-	-	-	-	-	-
	72	254.1	207.3	10.6	252.9	173.6	10.6	251.6	137.7	10.7	249.9	104.4	10.7	-	-	-	-	-	-
	67	237.5	236.3	10.6	233.1	208.8	10.7	231.7	172.9	10.8	230.3	137.5	10.8	228.5	104.6	10.9	-	-	-
	62	237.4	236.2	10.6	224.3	223.2	10.7	212.8	207.5	10.8	211.7	172.8	10.9	210.4	138.2	10.9	208.5	103.7	11.0
	57	237.3	236.1	10.6	224.2	223.1	10.7	211.4	210.3	10.8	198.6	197.7	10.9	192.6	172.5	10.9	191.2	137.0	11.0
7875	77	278.2	182.7	10.4	276.9	143.3	10.5	275.8	107.0	10.6	-	-	-	-	-	-	-	-	-
	72	257.3	222.7	10.6	256.0	183.4	10.6	254.8	144.5	10.7	252.6	105.6	10.7	-	-	-	-	-	-
	67	245.3	244.1	10.6	235.9	223.0	10.7	234.7	184.5	10.8	233.2	143.8	10.8	231.2	105.8	10.9	-	-	-
	62	245.1	243.8	10.6	231.6	230.4	10.7	218.1	217.0	10.8	214.9	183.9	10.9	213.2	144.3	10.9	211.1	107.1	11.0
	57	245.0	243.7	10.6	231.4	230.3	10.7	218.0	216.9	10.8	204.7	203.6	10.9	195.4	182.8	10.9	193.9	142.8	11.0
8750	77	280.5	192.6	10.4	279.2	150.0	10.5	277.9	107.9	10.6	-	-	-	-	-	-	-	-	-
	72	236.0	178.5	14.3	258.5	192.9	10.6	257.0	150.9	10.6	254.8	109.0	10.7	-	-	-	-	-	-
	67	251.8	250.5	10.5	238.3	234.8	10.7	237.0	193.4	10.7	235.5	150.0	10.8	233.4	109.1	10.9	-	-	-
	62	251.7	250.4	10.5	237.5	236.3	10.7	223.5	222.4	10.8	216.8	192.0	10.9	215.0	149.8	10.9	212.9	108.0	11.0
	57	251.5	250.3	10.5	237.4	236.2	10.6	223.4	222.3	10.8	209.6	208.6	10.8	197.2	192.3	10.9	196.0	150.2	11.0

Table 18: AW18 cooling capacity performance (85°F)

Air on evap. coil		Temperature of air on condenser coil																	
		Return dry bulb temperature (°F)																	
CFM	WB (°F)	90			85			80			75			70			65		
		TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)
85 (°F)																			
4375	77	245.0	134.1	12.2	243.9	111.6	12.2	243.1	89.5	12.2	-	-	-	-	-	-	-	-	-
	72	224.5	158.6	12.2	223.4	135.6	12.2	222.4	112.9	12.2	221.3	90.3	12.3	-	-	-	-	-	-
	67	205.5	179.9	12.2	204.6	156.7	12.3	203.6	133.7	12.3	202.6	112.9	12.3	201.4	90.2	12.3	-	-	-
	62	194.3	193.3	12.2	186.8	178.4	12.3	186.3	155.7	12.3	185.3	134.6	12.3	184.2	111.8	12.3	182.8	89.1	12.4
	57	194.1	193.1	12.2	183.6	182.7	12.2	173.3	172.5	12.3	168.7	156.1	12.3	167.9	132.0	12.3	166.7	111.2	12.3
5250	77	252.9	146.0	12.1	251.8	120.3	12.2	250.6	94.7	12.2	-	-	-	-	-	-	-	-	-
	72	232.6	173.6	12.2	231.5	147.4	12.2	230.2	119.1	12.2	228.8	93.3	12.3	-	-	-	-	-	-
	67	212.8	199.0	12.2	211.7	172.7	12.3	210.7	146.8	12.3	209.6	118.9	12.3	208.2	93.2	12.4	-	-	-
	62	207.7	206.6	12.2	196.3	195.3	12.2	192.9	172.7	12.3	191.9	145.1	12.3	190.8	119.6	12.3	189.3	92.3	12.4
	57	207.5	206.5	12.2	196.1	195.1	12.2	184.9	183.9	12.3	175.0	170.7	12.3	174.4	144.0	12.3	173.2	118.9	12.4
6125	77	258.8	157.1	12.1	257.5	128.1	12.2	255.8	96.7	12.2	-	-	-	-	-	-	-	-	-
	72	237.8	186.9	12.2	236.7	157.8	12.2	235.3	126.4	12.3	233.7	95.3	12.3	-	-	-	-	-	-
	67	218.5	217.4	12.2	217.4	188.2	12.2	216.2	157.1	12.3	215.0	126.2	12.3	213.3	95.5	12.4	-	-	-
	62	218.6	217.5	12.2	206.1	205.1	12.2	197.7	186.9	12.3	196.6	156.5	12.3	195.2	126.3	12.4	193.7	96.4	12.4
	57	218.4	217.3	12.2	206.1	205.1	12.2	194.0	193.0	12.3	182.1	181.2	12.3	178.6	154.6	12.3	177.4	125.3	12.4

Table 18: AW18 cooling capacity performance (85°F)

Air on evap. coil		Temperature of air on condenser coil																	
		Return dry bulb temperature (°F)																	
CFM	WB (°F)	90			85			80			75			70			65		
		TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)
7000	77	262.7	167.3	12.1	261.3	132.6	12.1	259.4	98.1	12.2	-	-	-	-	-	-	-	-	-
	72	241.9	202.2	12.2	240.8	167.7	12.2	239.2	133.3	12.3	237.4	99.2	12.3	-	-	-	-	-	-
	67	227.4	226.3	12.2	221.1	202.4	12.2	219.7	168.3	12.3	218.3	132.5	12.3	216.4	99.0	12.4	-	-	-
	62	227.3	226.2	12.1	214.4	213.3	12.2	201.6	200.6	12.3	200.3	167.4	12.3	198.8	132.6	12.4	196.9	98.0	12.4
	57	227.2	226.0	12.1	214.2	213.2	12.2	201.5	200.5	12.3	189.0	188.0	12.3	181.6	164.5	12.3	180.3	131.0	12.4
7875	77	265.2	176.8	12.1	264.0	139.2	12.1	261.8	101.6	12.2	-	-	-	-	-	-	-	-	-
	72	244.6	216.6	12.1	243.6	176.9	12.2	241.9	139.6	12.2	239.7	102.6	12.3	-	-	-	-	-	-
	67	234.9	233.7	12.1	223.6	215.8	12.2	222.3	177.0	12.3	220.9	138.5	12.3	218.7	102.3	12.4	-	-	-
	62	234.8	233.6	12.1	221.1	220.0	12.2	207.7	206.7	12.3	203.0	175.7	12.3	201.6	138.4	12.4	199.4	101.2	12.4
	57	234.7	233.5	12.1	221.0	219.9	12.2	207.6	206.6	12.2	194.5	193.5	12.3	184.0	175.8	12.3	182.6	136.3	12.4
8750	77	267.3	186.2	12.1	265.9	145.5	12.1	263.6	102.3	12.2	-	-	-	-	-	-	-	-	-
	72	246.6	228.2	12.1	245.5	185.7	12.2	244.1	145.7	12.2	241.7	103.4	12.3	-	-	-	-	-	-
	67	241.0	239.8	12.1	226.9	225.8	12.2	224.4	185.3	12.3	222.9	144.2	12.3	220.6	103.2	12.4	-	-	-
	62	240.9	239.7	12.1	226.8	225.6	12.2	212.9	211.8	12.2	204.7	185.3	12.3	203.0	143.4	12.4	200.8	101.9	12.4
	57	240.8	239.6	12.1	226.7	225.5	12.2	212.9	211.8	12.2	199.2	198.2	12.3	185.8	184.8	12.3	184.6	143.2	12.4

Table 19: AW18 cooling capacity performance (95°F)

Air on evap. coil		Temperature of air on condenser coil																	
		Return dry bulb temperature (°F)																	
CFM	WB (°F)	90			85			80			75			70			65		
		TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)
95 (°F)																			
4375	77	233.3	130.0	13.7	232.1	108.6	13.8	231.1	85.1	13.8	-	-	-	-	-	-	-	-	-
	72	213.2	152.8	13.8	212.2	128.8	13.8	211.1	107.1	13.8	210.0	85.7	13.9	-	-	-	-	-	-
	67	194.8	174.4	13.8	193.9	152.4	13.8	193.0	128.6	13.8	191.8	106.9	13.8	190.7	85.4	13.9	-	-	-
	62	185.6	184.7	13.7	176.7	172.3	13.7	176.0	150.6	13.8	175.2	129.0	13.8	174.0	105.6	13.8	172.7	84.2	13.8
	57	185.5	184.5	13.7	175.2	174.3	13.7	165.1	164.2	13.7	159.1	148.8	13.7	158.4	127.7	13.8	157.3	104.9	13.8
5250	77	240.3	141.1	13.8	238.9	114.1	13.8	237.7	89.9	13.8	-	-	-	-	-	-	-	-	-
	72	220.6	166.8	13.8	219.5	142.0	13.8	218.3	115.1	13.8	216.8	88.5	13.9	-	-	-	-	-	-
	67	201.4	192.3	13.7	200.4	167.5	13.8	199.3	140.8	13.8	198.0	114.3	13.9	196.5	88.0	13.9	-	-	-
	62	198.3	197.3	13.7	187.0	186.1	13.7	181.9	164.7	13.8	181.0	140.5	13.8	179.9	112.8	13.8	178.4	87.0	13.9
	57	198.1	197.1	13.7	186.9	186.0	13.7	175.7	174.9	13.7	164.9	164.1	13.7	164.1	138.8	13.8	163.0	111.9	13.8
6125	77	245.3	151.3	13.8	243.8	121.3	13.8	242.3	91.6	13.9	-	-	-	-	-	-	-	-	-
	72	225.3	181.6	13.8	224.0	151.6	13.8	222.7	121.9	13.9	221.0	92.3	13.9	-	-	-	-	-	-
	67	208.6	207.6	13.7	205.5	182.0	13.8	204.3	150.4	13.8	203.0	121.2	13.9	201.1	92.1	13.9	-	-	-
	62	208.5	207.5	13.7	196.3	195.3	13.8	186.2	179.8	13.8	185.2	149.2	13.8	183.8	120.7	13.9	182.2	90.7	13.9
	57	208.3	207.3	13.7	196.2	195.2	13.7	184.4	183.5	13.8	172.7	171.8	13.8	167.8	148.6	13.8	166.6	119.4	13.8
7000	77	248.9	161.0	13.8	247.5	128.0	13.8	245.4	95.2	13.9	-	-	-	-	-	-	-	-	-
	72	228.8	195.8	13.8	227.7	160.9	13.8	226.3	128.3	13.9	224.3	93.7	13.9	-	-	-	-	-	-
	67	217.0	215.9	13.7	208.6	195.1	13.8	207.3	160.9	13.8	206.0	127.1	13.9	204.0	93.4	14.0	-	-	-
	62	216.9	215.8	13.7	204.1	203.1	13.8	191.4	190.4	13.8	188.5	159.4	13.8	187.0	126.5	13.9	185.1	93.9	13.9
	57	216.8	215.7	13.7	203.9	202.9	13.7	191.3	190.4	13.8	178.9	178.0	13.8	171.2	158.4	13.8	169.1	124.5	13.9
7875	77	251.2	172.4	13.8	249.6	134.1	13.8	247.5	96.1	13.9	-	-	-	-	-	-	-	-	-
	72	231.4	209.5	13.8	229.9	171.6	13.8	228.5	134.2	13.9	226.2	96.8	14.0	-	-	-	-	-	-
	67	224.0	222.9	13.7	211.2	208.1	13.8	209.8	171.2	13.9	208.1	132.5	13.9	205.9	96.3	14.0	-	-	-
	62	223.9	222.7	13.7	210.3	209.3	13.8	197.1	196.2	13.8	190.7	168.9	13.9	189.2	131.8	13.9	187.2	95.0	14.0
	57	223.8	222.6	13.7	210.2	209.2	13.7	197.0	196.1	13.8	184.1	183.2	13.8	172.4	168.1	13.8	171.2	131.1	13.9
8750	77	252.9	181.2	13.8	251.3	140.0	13.8	249.0	99.1	13.9	-	-	-	-	-	-	-	-	-
	72	232.9	222.5	13.7	232.0	180.0	13.8	230.4	139.8	13.9	227.9	97.5	14.0	-	-	-	-	-	-
	67	229.7	228.5	13.7	215.6	214.5	13.8	211.6	178.9	13.9	210.0	137.9	13.9	207.6	97.1	14.0	-	-	-
	62	229.6	228.4	13.7	215.5	214.4	13.8	201.9	200.9	13.8	192.2	177.9	13.9	190.5	138.4	13.9	188.4	97.5	14.0
	57	229.5	228.3	13.7	215.5	214.5	13.7	201.8	200.8	13.8	188.3	187.4	13.8	175.3	174.5	13.8	172.9	135.9	13.9

Table 20: AW18 cooling capacity performance (105°F)

Air on evap. coil		Temperature of air on condenser coil																	
		Return dry bulb temperature (°F)																	
CFM	WB (°F)	90			85			80			75			70			65		
		TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)
105 (°F)																			
4375	77	220.4	125.0	15.4	219.3	102.6	15.5	218.2	80.3	15.5	-	-	-	-	-	-	-	-	-
	72	201.3	146.2	15.4	200.2	123.5	15.4	199.1	103.0	15.5	198.0	80.8	15.5	-	-	-	-	-	-
	67	183.5	168.0	15.3	182.7	145.4	15.4	181.8	123.0	15.4	180.7	102.5	15.4	179.5	80.4	15.5	-	-	-
	62	176.7	175.8	15.3	166.5	165.7	15.3	165.5	144.9	15.3	164.6	122.9	15.3	163.5	100.8	15.4	162.2	79.1	15.4
	57	176.5	175.6	15.3	166.3	165.5	15.3	156.5	155.7	15.2	149.0	142.3	15.3	148.4	121.1	15.3	147.4	99.7	15.3
5250	77	226.6	135.3	15.4	225.3	109.8	15.5	223.9	84.7	15.6	-	-	-	-	-	-	-	-	-
	72	207.8	161.3	15.4	206.9	135.9	15.4	205.6	110.5	15.5	204.1	83.2	15.5	-	-	-	-	-	-
	67	189.7	186.9	15.3	188.7	159.6	15.4	187.5	134.3	15.4	186.2	109.3	15.5	184.6	82.7	15.5	-	-	-
	62	188.6	187.7	15.3	177.3	176.4	15.3	170.5	159.5	15.3	169.7	133.4	15.4	168.6	107.4	15.4	167.1	83.2	15.5
	57	188.4	187.5	15.3	177.2	176.4	15.3	166.3	165.4	15.3	155.7	155.0	15.3	153.5	131.3	15.3	152.4	106.1	15.4
6125	77	231.0	147.1	15.4	229.6	116.5	15.5	227.9	86.2	15.6	-	-	-	-	-	-	-	-	-
	72	212.0	175.1	15.4	210.7	144.7	15.5	209.3	116.6	15.5	207.5	86.7	15.6	-	-	-	-	-	-
	67	198.3	197.4	15.3	192.8	174.6	15.4	191.8	145.1	15.4	190.5	115.6	15.5	188.6	86.3	15.6	-	-	-
	62	198.1	197.2	15.3	186.2	185.3	15.3	174.7	173.9	15.3	173.4	143.2	15.4	172.0	114.7	15.4	170.6	84.9	15.5
	57	197.9	197.0	15.3	186.1	185.1	15.3	174.4	173.5	15.3	162.9	162.1	15.3	156.6	141.8	15.4	155.5	113.0	15.4
7000	77	234.3	156.2	15.5	232.9	122.8	15.5	230.8	89.6	15.6	-	-	-	-	-	-	-	-	-
	72	214.9	188.1	15.4	213.9	155.4	15.5	212.5	122.6	15.5	210.4	87.9	15.6	-	-	-	-	-	-
	67	206.0	204.9	15.3	195.9	187.1	15.4	194.6	154.9	15.5	193.0	121.0	15.5	191.0	87.4	15.6	-	-	-
	62	205.8	204.8	15.3	193.2	192.3	15.4	180.9	180.0	15.4	176.3	152.6	15.4	174.9	120.1	15.5	172.9	87.8	15.5
	57	205.6	204.6	15.3	193.1	192.2	15.4	180.7	179.8	15.4	168.6	167.8	15.4	158.8	151.7	15.4	157.6	119.1	15.4
7875	77	236.0	164.4	15.5	234.7	128.4	15.6	232.4	92.5	15.7	-	-	-	-	-	-	-	-	-
	72	217.0	200.8	15.4	215.8	165.3	15.5	214.2	127.9	15.6	211.9	90.6	15.7	-	-	-	-	-	-
	67	212.3	211.2	15.4	199.2	198.2	15.4	196.5	164.2	15.5	195.0	126.1	15.5	192.6	90.1	15.6	-	-	-
	62	212.1	211.0	15.3	199.1	198.1	15.4	186.0	185.1	15.4	178.2	163.2	15.4	176.8	126.7	15.5	174.7	90.4	15.6
	57	212.0	210.9	15.3	199.0	198.0	15.4	186.0	185.1	15.4	173.3	172.5	15.4	161.1	160.3	15.4	159.4	123.7	15.4
8750	77	237.5	174.9	15.5	236.0	133.8	15.6	233.6	93.0	15.7	-	-	-	-	-	-	-	-	-
	72	218.6	213.1	15.4	217.5	173.1	15.5	216.0	133.2	15.6	213.4	93.4	15.7	-	-	-	-	-	-
	67	217.5	216.4	15.4	203.9	202.9	15.4	197.9	173.3	15.5	196.4	132.9	15.6	194.1	92.7	15.7	-	-	-
	62	217.3	216.2	15.4	203.9	202.9	15.4	190.5	189.5	15.4	179.5	171.4	15.4	178.0	131.0	15.5	175.6	90.9	15.6
	57	217.2	216.2	15.4	203.7	202.6	15.4	190.4	189.5	15.4	177.3	176.5	15.4	164.5	163.7	15.4	160.8	129.6	15.5

Table 21: AW18 cooling capacity performance (115°F)

Air on evap. coil		Temperature of air on condenser coil																	
		Return dry bulb temperature (°F)																	
CFM	WB (°F)	90			85			80			75			70			65		
		TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)
115 (°F)																			
4375	77	206.9	119.4	17.2	205.8	98.3	17.3	204.6	77.4	17.3	-	-	-	-	-	-	-	-	-
	72	188.8	140.9	17.1	187.8	119.6	17.2	186.6	96.5	17.2	185.4	75.6	17.2	-	-	-	-	-	-
	67	171.4	160.3	17.0	170.8	139.3	17.1	170.1	118.4	17.1	169.0	95.8	17.2	167.8	75.1	17.2	-	-	-
	62	167.3	166.5	17.0	157.4	156.6	17.0	154.4	138.2	17.0	153.7	116.2	17.1	152.5	95.6	17.1	151.3	73.7	17.1
	57	167.2	166.3	17.0	157.3	156.5	17.0	147.5	146.8	16.9	138.8	135.4	16.9	138.2	115.5	17.0	137.1	94.1	17.0
5250	77	212.4	131.0	17.2	211.0	105.0	17.3	209.5	79.2	17.4	-	-	-	-	-	-	-	-	-
	72	194.4	154.7	17.2	193.4	129.0	17.2	192.1	103.2	17.3	190.7	79.7	17.3	-	-	-	-	-	-
	67	178.4	177.5	17.0	176.2	154.3	17.1	175.1	128.9	17.1	173.9	103.8	17.2	172.3	78.9	17.3	-	-	-
	62	178.2	177.3	17.0	167.5	166.7	17.0	158.8	151.7	17.0	157.9	127.3	17.1	157.0	101.6	17.1	155.5	77.3	17.2
	57	178.1	177.2	17.0	167.4	166.5	17.0	156.7	155.9	17.0	146.2	145.5	17.0	142.4	126.1	17.0	141.4	99.9	17.1
6125	77	216.1	139.8	17.2	214.8	111.1	17.3	212.9	82.6	17.4	-	-	-	-	-	-	-	-	-
	72	198.0	169.4	17.2	196.6	138.9	17.2	195.3	110.8	17.3	193.5	80.9	17.4	-	-	-	-	-	-
	67	187.2	186.2	17.1	179.6	168.0	17.1	178.6	138.6	17.2	177.4	109.5	17.2	175.7	80.4	17.3	-	-	-
	62	187.0	186.1	17.1	175.4	174.6	17.1	164.0	163.2	17.1	161.4	136.5	17.1	159.9	108.2	17.2	158.1	80.2	17.2
	57	186.9	186.0	17.1	175.3	174.5	17.1	164.0	163.1	17.0	152.8	152.1	17.0	144.9	135.5	17.0	144.1	106.1	17.1

Table 21: AW18 cooling capacity performance (115°F)

Air on evap. coil		Temperature of air on condenser coil																	
		Return dry bulb temperature (°F)																	
CFM	WB (°F)	90			85			80			75			70			65		
		TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)
7000	77	218.8	150.2	17.3	217.4	116.8	17.3	215.4	83.6	17.5	-	-	-	-	-	-	-	-	-
	72	200.6	181.6	17.2	199.4	148.8	17.2	198.0	116.2	17.3	196.0	83.9	17.4	-	-	-	-	-	-
	67	194.1	193.2	17.1	182.1	181.2	17.1	181.1	147.8	17.2	179.5	114.3	17.3	177.4	83.0	17.3	-	-	-
	62	194.0	193.1	17.1	181.8	180.9	17.1	169.8	169.0	17.1	163.6	146.5	17.1	162.3	114.7	17.2	156.8	79.6	22.2
	57	193.9	193.0	17.1	181.8	180.9	17.1	169.7	168.9	17.1	157.9	157.2	17.1	147.0	144.8	17.0	145.8	111.7	17.1
7875	77	220.2	157.8	17.3	219.0	122.0	17.4	216.6	86.2	17.5	-	-	-	-	-	-	-	-	-
	72	202.0	195.0	17.2	201.0	158.0	17.3	199.5	121.1	17.3	197.2	86.3	17.5	-	-	-	-	-	-
	67	199.8	198.8	17.1	187.2	186.3	17.1	182.4	156.1	17.2	181.1	120.7	17.3	178.8	85.4	17.4	-	-	-
	62	199.7	198.7	17.1	187.1	186.1	17.1	174.5	173.6	17.1	165.0	156.0	17.1	163.9	119.0	17.2	161.8	83.7	17.4
	57	199.6	198.7	17.1	186.9	186.0	17.1	174.4	173.5	17.1	162.3	161.5	17.1	150.3	149.6	17.1	147.3	117.3	17.1
8750	77	221.4	167.5	17.3	220.1	127.0	17.4	217.5	88.7	17.5	-	-	-	-	-	-	-	-	-
	72	204.9	203.8	17.1	202.3	167.0	17.3	200.8	125.9	17.4	198.5	86.9	17.5	-	-	-	-	-	-
	67	204.6	203.6	17.1	191.5	190.5	17.2	183.8	164.6	17.2	182.4	125.2	17.3	179.9	85.9	17.4	-	-	-
	62	204.6	203.6	17.1	191.5	190.6	17.2	178.5	177.6	17.1	166.1	163.6	17.1	164.8	124.7	17.2	162.4	85.6	17.3
	57	204.4	203.4	17.1	191.4	190.5	17.1	178.5	177.6	17.1	165.9	165.0	17.1	153.4	152.6	17.1	148.4	122.6	17.2

Table 22: AW18 cooling capacity performance (125°F)

Air on evap. coil		Temperature of air on condenser coil																	
		Return dry bulb temperature (°F)																	
CFM	WB (°F)	90			85			80			75			70			65		
		TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)
125 (°F)																			
4375	77	192.6	113.1	19.1	191.5	93.4	19.2	190.4	72.0	19.2	-	-	-	-	-	-	-	-	-
	72	175.4	134.4	19.0	174.5	112.9	19.1	173.3	91.4	19.1	172.1	70.2	19.2	-	-	-	-	-	-
	67	159.0	155.0	18.9	158.4	132.4	19.0	157.7	111.4	19.0	156.7	90.4	19.0	155.4	69.6	19.1	-	-	-
	62	157.3	156.5	18.9	147.7	146.9	18.9	142.7	132.0	18.9	142.2	110.4	18.9	141.1	89.9	19.0	139.8	68.2	19.0
	57	157.3	156.5	18.9	147.6	146.9	18.9	138.2	137.5	18.8	128.8	128.2	18.8	127.4	109.0	18.8	126.3	88.0	18.9
5250	77	197.2	123.6	19.1	196.0	99.5	19.2	194.5	73.5	19.3	-	-	-	-	-	-	-	-	-
	72	180.4	149.0	19.0	179.4	123.2	19.1	178.1	97.4	19.2	176.6	73.8	19.3	-	-	-	-	-	-
	67	167.5	166.7	18.9	163.0	147.6	19.0	162.0	122.5	19.0	160.8	97.6	19.1	159.2	72.8	19.2	-	-	-
	62	167.4	166.6	18.9	156.9	156.1	18.9	146.7	146.0	18.9	145.8	120.4	19.0	145.0	95.2	19.0	143.3	71.3	19.2
	57	167.3	166.5	18.9	156.8	156.0	18.9	146.5	145.8	18.9	136.4	135.7	18.9	130.8	118.4	18.9	130.1	94.5	19.0
6125	77	200.2	133.5	19.2	199.1	105.0	19.2	197.4	76.6	19.4	-	-	-	-	-	-	-	-	-
	72	183.3	162.3	19.1	182.1	132.3	19.1	180.8	104.4	19.2	178.9	76.6	19.3	-	-	-	-	-	-
	67	175.4	174.5	19.0	165.5	161.4	19.0	165.1	131.4	19.1	163.8	102.7	19.2	162.2	75.8	19.4	-	-	-
	62	175.2	174.4	19.0	164.1	163.2	19.0	153.1	152.3	18.9	148.5	130.1	19.0	147.3	101.1	19.1	145.5	73.9	19.2
	57	175.2	174.3	19.0	164.0	163.2	18.9	153.0	152.2	18.9	142.1	141.4	18.9	133.0	128.3	18.9	132.1	99.9	19.0
7000	77	202.6	143.2	19.2	201.4	110.2	19.3	199.3	79.3	19.4	-	-	-	-	-	-	-	-	-
	72	185.2	175.0	19.1	184.3	141.2	19.2	183.0	109.3	19.2	180.9	77.4	19.4	-	-	-	-	-	-
	67	181.7	180.8	19.0	170.0	169.1	19.0	167.0	141.2	19.1	165.5	108.7	19.2	163.4	76.4	19.3	-	-	-
	62	181.6	180.7	19.0	169.8	168.9	19.0	158.3	157.5	19.0	150.2	139.0	19.0	149.1	106.8	19.1	147.3	76.2	19.3
	57	181.4	180.5	19.0	169.7	168.8	19.0	158.1	157.3	19.0	146.9	146.1	19.0	135.8	135.1	18.9	133.6	105.1	19.0
7875	77	203.6	152.0	19.2	202.4	116.8	19.3	200.2	79.7	19.5	-	-	-	-	-	-	-	-	-
	72	187.0	186.1	19.0	185.5	151.3	19.2	184.2	115.4	19.3	181.9	79.6	19.5	-	-	-	-	-	-
	67	186.8	185.9	19.0	174.7	173.8	19.0	168.1	148.9	19.1	166.7	114.4	19.2	164.6	78.6	19.4	-	-	-
	62	186.8	185.8	19.0	174.6	173.7	19.0	162.6	161.8	19.0	151.3	149.0	19.0	150.5	112.3	19.1	148.4	78.3	19.4
	57	186.7	185.8	19.0	174.5	173.6	19.0	162.4	161.6	19.0	150.7	149.9	19.0	139.0	138.4	19.0	134.8	110.0	19.1
8750	77	204.7	160.9	19.2	203.4	121.4	19.3	200.8	81.9	19.5	-	-	-	-	-	-	-	-	-
	72	191.4	190.4	19.1	186.7	159.7	19.2	185.3	119.8	19.3	182.8	81.9	19.5	-	-	-	-	-	-
	67	191.3	190.3	19.1	178.7	177.8	19.1	168.9	157.9	19.1	167.9	118.6	19.2	165.5	80.7	19.5	-	-	-
	62	191.1	190.2	19.0	178.5	177.6	19.0	166.1	165.2	19.0	153.8	153.0	19.0	151.0	117.2	19.1	148.7	79.9	19.4
	57	191.1	190.1	19.0	178.4	177.5	19.0	166.0	165.1	19.0	153.8	153.0	19.0	141.8	141.1	19.0	135.5	115.9	19.1

AW20 cooling capacity performance

Table 23: AW20 cooling capacity performance (75°F)

Air on evap. coil		Temperature of air on condenser coil																	
		Return dry bulb temperature (°F)																	
CFM	WB (°F)	90			85			80			75			70			65		
		TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)
75 (°F)																			
5000	77	308.6	161.5	13.3	307.7	137.2	13.3	307.0	110.1	13.3	-	-	-	-	-	-	-	-	-
	72	283.5	189.5	13.3	282.6	161.6	13.4	281.8	136.5	13.4	280.8	111.6	13.4	-	-	-	-	-	-
	67	260.3	214.4	13.4	259.5	188.6	13.4	258.6	162.9	13.4	257.6	137.3	13.4	256.3	111.8	13.4	-	-	-
	62	241.9	234.4	13.4	237.3	213.9	13.4	236.6	188.0	13.4	235.6	162.1	13.5	234.3	136.2	13.5	233.1	110.7	13.5
	57	241.8	234.3	13.4	229.1	222.0	13.4	216.9	210.2	13.4	215.1	187.6	13.5	214.0	161.8	13.5	212.8	136.1	13.5
6000	77	318.9	176.1	13.3	318.2	144.9	13.3	317.5	113.8	13.3	-	-	-	-	-	-	-	-	-
	72	294.1	205.2	13.3	293.2	176.2	13.3	292.2	144.4	13.4	291.0	115.6	13.4	-	-	-	-	-	-
	67	270.3	235.8	13.4	269.3	206.2	13.4	268.4	176.9	13.4	267.2	145.0	13.4	266.0	116.0	13.5	-	-	-
	62	258.7	250.7	13.4	246.1	236.1	13.4	245.9	207.3	13.4	245.0	175.6	13.5	243.9	146.5	13.5	242.5	115.1	13.5
	57	258.6	250.5	13.4	245.2	237.6	13.4	231.6	224.4	13.4	223.8	203.9	13.5	223.0	175.0	13.5	221.5	143.8	13.5
7000	77	326.4	186.6	13.2	325.6	151.5	13.3	325.0	119.7	13.3	-	-	-	-	-	-	-	-	-
	72	301.1	221.7	13.3	300.3	189.2	13.3	299.2	153.7	13.4	298.1	118.4	13.4	-	-	-	-	-	-
	67	277.2	257.9	13.3	276.8	222.6	13.4	275.6	189.6	13.4	274.3	154.2	13.4	273.0	119.0	13.5	-	-	-
	62	272.2	263.8	13.3	258.0	250.0	13.4	252.6	222.7	13.4	251.6	187.7	13.5	250.4	152.9	13.5	248.9	118.2	13.5
	57	272.1	263.7	13.3	257.9	249.9	13.4	243.6	236.1	13.4	229.6	222.5	13.4	228.9	186.4	13.5	227.5	152.1	13.5
8000	77	331.7	199.3	13.2	330.9	160.3	13.3	330.4	121.7	13.3	-	-	-	-	-	-	-	-	-
	72	306.7	237.8	13.3	305.7	201.4	13.3	304.8	162.4	13.4	303.4	123.5	13.4	-	-	-	-	-	-
	67	283.3	274.5	13.3	281.7	240.2	13.4	280.5	201.1	13.4	279.4	162.4	13.4	277.6	123.7	13.5	-	-	-
	62	283.2	274.4	13.3	268.3	260.0	13.4	257.6	239.7	13.4	256.7	199.0	13.5	255.2	160.8	13.5	253.6	122.8	13.5
	57	282.9	274.2	13.3	268.2	259.9	13.4	253.1	245.3	13.4	237.9	230.6	13.4	233.3	198.9	13.5	232.1	159.7	13.5
9000	77	335.3	211.2	13.2	334.5	168.5	13.2	334.0	123.0	13.3	-	-	-	-	-	-	-	-	-
	72	310.4	255.6	13.3	309.6	210.0	13.3	308.8	167.5	13.3	307.0	124.9	13.4	-	-	-	-	-	-
	67	292.6	283.5	13.3	285.5	254.5	13.4	284.2	212.1	13.4	282.9	167.2	13.4	281.2	125.3	13.5	-	-	-
	62	292.5	283.4	13.3	276.6	268.0	13.3	261.6	253.5	13.4	260.4	211.9	13.5	259.0	168.1	13.5	257.0	124.5	13.5
	57	292.2	283.1	13.3	276.6	268.1	13.3	261.1	253.0	13.4	245.6	238.0	13.4	237.0	209.0	13.5	235.4	166.5	13.5
10000	77	338.0	219.5	13.2	337.6	173.4	13.2	337.6	127.6	13.3	-	-	-	-	-	-	-	-	-
	72	314.0	267.8	13.3	312.8	221.3	13.3	311.7	175.2	13.3	309.5	126.0	13.4	-	-	-	-	-	-
	67	300.3	291.0	13.3	287.3	270.1	13.3	287.2	222.6	13.4	285.8	174.4	13.4	284.0	126.6	13.5	-	-	-
	62	300.0	290.7	13.2	283.6	274.8	13.3	267.7	259.4	13.4	262.8	221.6	13.5	261.3	174.7	13.5	259.3	128.2	13.6
	57	300.2	290.9	13.2	283.8	275.0	13.3	267.7	259.4	13.4	251.7	243.9	13.4	239.7	220.7	13.5	238.2	173.1	13.5

Table 24: AW20 cooling capacity performance (85°F)

Air on evap. coil		Temperature of air on condenser coil																	
		Return dry bulb temperature (°F)																	
CFM	WB (°F)	90			85			80			75			70			65		
		TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)
85 (°F)																			
5000	77	293.5	156.4	15.0	292.5	130.4	15.0	291.7	104.6	15.0	-	-	-	-	-	-	-	-	-
	72	269.3	182.7	15.0	268.4	156.1	15.0	267.6	129.6	15.1	266.5	105.9	15.1	-	-	-	-	-	-
	67	246.8	208.1	15.0	246.2	181.3	15.0	245.3	156.9	15.0	244.3	130.2	15.1	243.2	106.0	15.1	-	-	-
	62	231.5	224.4	15.0	225.2	205.1	15.0	224.7	180.8	15.0	223.7	156.1	15.0	222.3	129.3	15.1	221.0	105.0	15.1
	57	231.3	224.2	15.0	219.3	212.5	15.0	207.2	200.8	15.0	203.6	179.5	15.0	202.6	155.1	15.0	201.3	128.8	15.0
6000	77	302.6	170.1	15.0	301.9	140.4	15.0	300.9	107.9	15.0	-	-	-	-	-	-	-	-	-
	72	279.2	200.2	15.0	278.3	169.9	15.0	277.1	139.6	15.1	276.0	109.7	15.1	-	-	-	-	-	-
	67	256.0	228.3	15.0	255.0	200.2	15.0	254.0	169.8	15.0	253.0	139.7	15.1	251.7	109.8	15.1	-	-	-
	62	247.2	239.5	15.0	234.1	226.8	15.0	232.7	198.4	15.0	231.8	168.4	15.1	230.7	138.6	15.1	229.1	108.8	15.1
	57	247.1	239.4	15.0	234.0	226.7	15.0	221.0	214.1	15.0	211.6	196.9	15.0	211.0	167.6	15.1	209.4	138.0	15.1
7000	77	309.3	179.8	15.0	308.7	146.6	15.0	307.4	113.2	15.1	-	-	-	-	-	-	-	-	-
	72	285.4	215.7	15.0	284.5	181.9	15.0	283.5	148.4	15.1	282.1	112.1	15.1	-	-	-	-	-	-
	67	261.3	250.7	15.0	261.8	215.6	15.0	260.6	181.8	15.1	259.6	148.4	15.1	258.1	112.6	15.1	-	-	-
	62	259.8	251.7	15.0	246.0	238.3	15.0	238.8	215.2	15.0	237.6	181.8	15.1	236.4	146.6	15.1	234.9	113.8	15.1
	57	259.7	251.7	15.0	245.7	238.1	15.0	231.9	224.7	15.0	218.2	211.4	15.0	216.2	180.2	15.1	215.0	145.8	15.1

Table 24: AW20 cooling capacity performance (85°F)

Air on evap. coil		Temperature of air on condenser coil																	
		Return dry bulb temperature (°F)																	
CFM	WB (°F)	90			85			80			75			70			65		
		TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)
8000	77	313.9	191.6	15.0	313.2	154.8	15.0	312.2	114.9	15.1	-	-	-	-	-	-	-	-	-
	72	290.1	230.5	15.0	289.3	193.4	15.0	288.3	153.7	15.1	286.7	116.7	15.1	-	-	-	-	-	-
	67	270.6	262.2	15.0	266.4	232.3	15.0	264.8	192.4	15.1	263.7	153.3	15.1	262.0	116.8	15.2	-	-	-
	62	270.1	261.7	15.0	255.3	247.4	15.0	242.4	230.2	15.0	242.2	192.4	15.1	240.7	153.9	15.1	238.9	115.7	15.2
	57	270.0	261.6	15.0	255.2	247.3	15.0	240.6	233.1	15.0	226.4	219.4	15.0	219.9	189.6	15.1	218.6	152.5	15.1
9000	77	317.1	202.8	15.0	316.7	159.6	15.0	315.3	119.2	15.1	-	-	-	-	-	-	-	-	-
	72	293.3	247.2	15.0	292.6	204.1	15.0	291.4	161.0	15.1	289.6	117.9	15.1	-	-	-	-	-	-
	67	278.7	270.1	15.0	269.2	245.2	15.0	268.0	202.6	15.1	266.7	160.2	15.1	265.1	118.2	15.2	-	-	-
	62	278.7	270.1	15.0	263.3	255.1	15.0	248.0	240.4	15.0	245.3	202.1	15.1	244.0	160.7	15.1	241.9	119.6	15.2
	57	278.7	270.0	14.9	263.1	255.0	15.0	248.0	240.3	15.0	233.0	225.8	15.0	223.1	201.0	15.1	221.6	158.9	15.1
10000	77	319.2	213.4	15.0	319.0	166.9	15.0	317.7	120.1	15.1	-	-	-	-	-	-	-	-	-
	72	295.5	260.6	15.0	295.1	214.5	15.0	294.2	168.2	15.1	292.3	121.8	15.2	-	-	-	-	-	-
	67	285.8	277.0	14.9	271.0	260.0	15.0	270.5	214.9	15.1	269.2	167.0	15.1	267.8	122.0	15.2	-	-	-
	62	285.7	276.9	14.9	269.9	261.6	15.0	254.2	246.3	15.0	247.7	213.6	15.1	245.8	166.8	15.1	243.8	120.5	15.2
	57	285.7	276.8	14.9	269.8	261.5	15.0	254.1	246.2	15.0	238.4	231.0	15.0	225.0	213.7	15.1	224.0	165.0	15.1

Table 25: AW20 cooling capacity performance (95°F)

Air on evap. coil		Temperature of air on condenser coil																	
		Return dry bulb temperature (°F)																	
CFM	WB (°F)	90			85			80			75			70			65		
		TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)
95 (°F)																			
5000	77	277.7	150.7	16.8	277.0	126.1	16.8	276.1	99.0	16.9	-	-	-	-	-	-	-	-	-
	72	255.1	175.5	16.8	254.2	150.2	16.8	253.2	125.1	16.8	252.3	100.2	16.9	-	-	-	-	-	-
	67	233.5	199.1	16.7	232.8	173.7	16.8	231.8	150.5	16.8	231.0	125.3	16.8	229.8	100.2	16.8	-	-	-
	62	220.8	214.0	16.7	212.5	199.8	16.7	212.2	174.8	16.7	211.2	149.4	16.7	210.0	124.1	16.8	208.8	99.1	16.8
	57	220.7	213.8	16.7	209.0	202.5	16.6	197.4	191.3	16.6	192.3	173.3	16.7	191.4	148.4	16.7	190.3	123.5	16.7
6000	77	285.8	163.4	16.8	285.2	132.6	16.9	284.2	104.6	16.9	-	-	-	-	-	-	-	-	-
	72	263.7	191.6	16.8	262.8	163.0	16.8	261.7	134.4	16.9	260.7	103.6	16.9	-	-	-	-	-	-
	67	241.5	222.3	16.7	240.7	191.3	16.8	239.8	162.6	16.8	238.6	131.8	16.9	237.4	103.5	16.9	-	-	-
	62	235.6	228.3	16.7	222.7	215.8	16.7	219.3	191.3	16.8	218.3	160.8	16.8	217.2	132.6	16.8	215.8	102.5	16.9
	57	235.5	228.2	16.7	222.7	215.8	16.7	210.1	203.6	16.7	198.6	190.5	16.7	198.6	159.7	16.7	197.2	131.9	16.8
7000	77	291.9	175.3	16.8	291.0	141.0	16.9	290.0	106.8	16.9	-	-	-	-	-	-	-	-	-
	72	268.9	208.4	16.8	268.0	174.0	16.8	267.1	139.8	16.9	265.8	108.2	16.9	-	-	-	-	-	-
	67	247.4	239.7	16.7	246.6	207.9	16.8	245.6	173.7	16.8	244.5	139.8	16.9	243.0	106.0	16.9	-	-	-
	62	247.4	239.7	16.7	233.5	226.3	16.7	224.5	206.6	16.8	223.6	173.3	16.8	222.2	140.0	16.8	220.6	106.9	16.9
	57	247.2	239.5	16.7	233.5	226.3	16.7	220.0	213.1	16.7	206.7	200.3	16.7	202.9	171.1	16.8	201.7	138.8	16.8
8000	77	295.9	183.5	16.9	295.2	145.9	16.9	294.0	108.2	17.0	-	-	-	-	-	-	-	-	-
	72	273.1	222.3	16.8	272.3	184.7	16.9	271.2	147.1	16.9	270.0	109.9	17.0	-	-	-	-	-	-
	67	257.1	249.2	16.8	250.5	223.3	16.8	249.1	185.9	16.9	248.1	146.7	16.9	246.4	109.9	17.0	-	-	-
	62	256.8	248.8	16.7	242.4	234.9	16.8	228.4	221.4	16.8	227.3	185.0	16.8	226.0	146.7	16.9	224.3	108.7	16.9
	57	256.8	248.8	16.7	242.4	234.9	16.7	228.2	221.1	16.7	214.1	207.5	16.7	206.5	182.1	16.8	205.1	145.0	16.8
9000	77	298.6	196.8	16.9	297.9	153.0	16.9	296.5	112.0	17.0	-	-	-	-	-	-	-	-	-
	72	275.6	237.7	16.8	275.0	194.5	16.9	273.9	154.0	16.9	272.4	113.5	17.0	-	-	-	-	-	-
	67	264.9	256.6	16.8	252.4	237.2	16.8	252.0	195.3	16.9	250.7	153.1	16.9	249.1	113.4	17.0	-	-	-
	62	264.6	256.4	16.8	249.8	242.0	16.8	234.9	227.6	16.8	230.3	194.1	16.9	228.8	153.0	16.9	226.8	112.1	17.0
	57	264.1	256.0	16.7	249.7	241.9	16.8	234.9	227.6	16.8	220.2	213.4	16.8	208.6	194.1	16.8	207.5	150.8	16.8
10000	77	300.5	206.7	16.9	300.0	159.9	16.9	298.6	115.7	17.0	-	-	-	-	-	-	-	-	-
	72	277.6	250.2	16.8	277.2	206.8	16.9	276.2	160.6	16.9	274.4	114.4	17.0	-	-	-	-	-	-
	67	271.1	262.6	16.8	255.9	247.9	16.8	254.1	206.9	16.9	253.2	159.5	16.9	251.1	114.4	17.0	-	-	-
	62	271.0	262.6	16.8	255.8	247.8	16.8	240.6	233.1	16.8	232.2	204.7	16.8	230.4	158.5	16.9	228.3	112.8	17.0
	57	270.9	262.5	16.7	255.7	247.8	16.8	240.4	233.0	16.8	225.3	218.3	16.8	210.8	202.2	16.8	209.6	158.4	16.9

Table 26: AW20 cooling capacity performance (105°F)

Air on evap. coil		Temperature of air on condenser coil																	
		Return dry bulb temperature (°F)																	
CFM	WB (°F)	90			85			80			75			70			65		
		TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)
105 (°F)																			
5000	77	261.7	144.5	18.8	260.9	118.8	18.8	260.6	93.4	18.9	-	-	-	-	-	-	-	-	-
	72	240.1	167.5	18.7	239.3	143.8	18.7	238.3	117.8	18.8	237.5	94.4	18.8	-	-	-	-	-	-
	67	219.7	191.6	18.6	219.2	167.8	18.6	218.3	143.8	18.7	217.3	117.9	18.7	216.3	94.3	18.7	-	-	-
	62	209.9	203.4	18.5	199.2	191.1	18.5	199.3	166.1	18.6	198.5	142.3	18.6	197.4	118.6	18.6	196.1	93.1	18.7
	57	209.7	203.2	18.5	198.3	192.2	18.5	187.1	181.3	18.5	180.1	165.8	18.5	179.6	140.9	18.5	178.5	115.9	18.5
6000	77	268.7	156.2	18.8	267.9	127.2	18.9	267.0	98.3	18.9	-	-	-	-	-	-	-	-	-
	72	247.6	184.7	18.7	246.8	155.4	18.8	245.9	126.3	18.8	244.8	97.3	18.9	-	-	-	-	-	-
	67	226.1	212.6	18.6	226.0	184.0	18.7	225.2	154.9	18.7	224.1	125.9	18.7	222.7	97.1	18.8	-	-	-
	62	223.6	216.7	18.6	211.2	204.7	18.6	205.5	183.2	18.6	204.6	154.7	18.6	203.6	126.2	18.7	202.2	96.0	18.7
	57	223.5	216.5	18.6	211.0	204.4	18.6	198.7	192.5	18.5	186.5	180.7	18.5	185.7	153.0	18.6	184.5	125.2	18.6
7000	77	273.9	167.2	18.8	273.0	134.9	18.9	272.3	100.3	19.0	-	-	-	-	-	-	-	-	-
	72	252.2	200.4	18.8	251.3	168.0	18.8	250.4	133.4	18.8	249.3	101.5	18.9	-	-	-	-	-	-
	67	234.5	227.2	18.6	230.9	199.2	18.7	230.1	167.2	18.7	229.0	133.2	18.8	227.6	101.4	18.9	-	-	-
	62	234.3	227.0	18.6	221.0	214.2	18.6	209.5	198.9	18.6	209.3	166.3	18.7	207.9	133.0	18.7	206.5	100.0	18.8
	57	234.1	226.8	18.6	220.9	214.1	18.6	208.0	201.5	18.6	195.0	188.9	18.6	189.6	163.5	18.6	188.4	131.4	18.6
8000	77	277.4	177.4	18.9	276.7	139.4	18.9	275.4	104.1	19.0	-	-	-	-	-	-	-	-	-
	72	255.4	215.3	18.8	254.8	177.8	18.8	254.0	140.3	18.9	252.7	102.8	19.0	-	-	-	-	-	-
	67	243.0	235.5	18.7	233.7	215.1	18.7	233.3	176.4	18.8	232.0	139.4	18.8	230.4	102.7	18.9	-	-	-
	62	242.8	235.3	18.7	229.1	222.0	18.7	215.5	208.8	18.6	212.5	177.1	18.7	211.4	139.3	18.8	209.5	103.5	18.8
	57	242.7	235.2	18.7	229.0	221.9	18.6	215.4	208.7	18.6	201.7	195.5	18.6	192.3	175.1	18.6	191.1	137.1	18.7
9000	77	279.4	186.8	18.9	278.8	145.9	18.9	277.9	105.0	19.0	-	-	-	-	-	-	-	-	-
	72	257.6	229.7	18.8	257.1	186.9	18.8	256.2	146.5	18.9	254.6	106.1	19.0	-	-	-	-	-	-
	67	250.0	242.3	18.7	236.1	228.8	18.7	235.3	187.0	18.8	234.4	147.6	18.8	232.5	105.9	18.9	-	-	-
	62	249.8	242.0	18.7	235.5	228.2	18.7	221.5	214.6	18.7	215.0	187.5	18.7	213.6	144.9	18.8	211.7	104.6	18.9
	57	249.7	241.9	18.7	235.5	228.2	18.7	221.3	214.5	18.7	207.3	200.9	18.6	194.2	186.3	18.6	193.3	144.2	18.7
10000	77	281.0	198.8	18.9	280.4	152.2	18.9	279.3	108.3	19.1	-	-	-	-	-	-	-	-	-
	72	258.7	243.1	18.8	258.8	198.1	18.8	258.4	152.7	18.9	256.6	109.4	19.0	-	-	-	-	-	-
	67	256.0	248.1	18.7	241.2	233.7	18.7	237.2	197.7	18.8	236.3	153.4	18.9	234.3	109.0	19.0	-	-	-
	62	255.7	247.7	18.7	240.9	233.5	18.7	226.5	219.4	18.7	216.9	197.6	18.8	215.0	152.1	18.8	212.9	107.3	18.9
	57	255.5	247.6	18.7	241.0	233.5	18.7	226.4	219.4	18.7	211.9	205.3	18.7	197.5	191.4	18.6	195.2	149.4	18.7

Table 27: AW20 cooling capacity performance (115°F)

Air on evap. coil		Temperature of air on condenser coil																	
		Return dry bulb temperature (°F)																	
CFM	WB (°F)	90			85			80			75			70			65		
		TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)
115 (°F)																			
5000	77	244.5	137.4	20.9	244.0	113.5	20.9	243.0	87.1	21.0	-	-	-	-	-	-	-	-	-
	72	224.3	160.8	20.8	223.6	136.5	20.8	222.8	112.3	20.9	221.9	88.2	20.9	-	-	-	-	-	-
	67	205.0	184.7	20.7	204.6	160.6	20.7	203.7	136.2	20.7	203.0	112.1	20.8	201.9	88.0	20.8	-	-	-
	62	198.4	192.2	20.6	187.4	181.6	20.5	185.9	160.3	20.6	185.2	134.6	20.6	184.1	110.6	20.7	182.9	86.9	20.7
	57	198.3	192.1	20.6	187.3	181.5	20.5	176.3	170.8	20.5	167.2	158.7	20.5	167.1	132.8	20.5	166.0	109.4	20.6
6000	77	250.6	148.1	21.0	251.1	119.2	21.0	249.1	91.7	21.1	-	-	-	-	-	-	-	-	-
	72	230.7	176.6	20.8	230.1	149.4	20.9	229.3	120.0	20.9	228.2	90.7	21.0	-	-	-	-	-	-
	67	210.8	204.3	20.7	210.6	177.5	20.7	209.7	148.3	20.8	208.7	119.3	20.8	207.4	90.4	20.9	-	-	-
	62	210.7	204.1	20.7	198.8	192.7	20.6	190.9	175.7	20.6	190.4	147.6	20.7	189.3	119.2	20.7	188.1	91.1	20.8
	57	210.6	204.1	20.7	198.7	192.6	20.6	187.0	181.2	20.6	175.1	169.7	20.5	172.2	145.2	20.6	171.3	117.8	20.6
7000	77	254.8	160.5	21.0	254.4	128.2	21.0	253.5	93.4	21.2	-	-	-	-	-	-	-	-	-
	72	234.6	193.2	20.9	233.8	158.6	20.9	232.9	126.4	21.0	231.9	94.4	21.1	-	-	-	-	-	-
	67	220.6	213.7	20.7	214.8	191.4	20.8	214.0	159.7	20.8	212.9	125.9	20.9	211.7	94.4	21.0	-	-	-
	62	220.4	213.6	20.7	207.8	201.3	20.7	195.3	189.2	20.6	194.1	158.0	20.7	193.0	125.3	20.8	191.5	92.8	20.9
	57	220.3	213.4	20.7	207.7	201.2	20.7	195.2	189.2	20.6	182.7	177.1	20.6	175.4	156.4	20.6	174.5	123.4	20.7

Table 27: AW20 cooling capacity performance (115°F)

Air on evap. coil		Temperature of air on condenser coil																	
		Return dry bulb temperature (°F)																	
CFM	WB (°F)	90			85			80			75			70			65		
		TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)
8000	77	257.5	169.6	21.0	257.2	134.6	21.1	256.2	96.8	21.2	-	-	-	-	-	-	-	-	-
	72	237.2	206.9	20.9	236.8	169.8	20.9	236.0	132.7	21.0	234.7	97.8	21.1	-	-	-	-	-	-
	67	228.2	221.1	20.8	216.2	207.4	20.8	216.4	169.8	20.9	215.4	133.6	20.9	213.7	97.3	21.0	-	-	-
	62	228.1	221.0	20.8	215.0	208.3	20.7	201.9	195.6	20.7	197.0	168.0	20.8	195.8	132.8	20.8	194.1	95.9	20.9
	57	228.0	220.9	20.8	214.8	208.1	20.7	201.7	195.5	20.7	188.7	182.9	20.7	177.5	166.8	20.6	176.9	130.3	20.7
9000	77	259.7	181.2	21.0	259.5	140.8	21.1	258.1	100.0	21.2	-	-	-	-	-	-	-	-	-
	72	238.3	221.7	20.9	238.5	180.2	21.0	237.8	140.6	21.0	236.4	98.5	21.2	-	-	-	-	-	-
	67	234.5	227.2	20.8	221.1	214.2	20.8	218.1	179.6	20.9	217.2	138.9	21.0	215.6	98.2	21.1	-	-	-
	62	234.4	227.1	20.8	220.9	214.1	20.8	207.3	200.9	20.7	198.9	179.2	20.8	198.0	138.1	20.9	195.9	98.7	21.0
	57	234.5	227.2	20.8	220.7	213.9	20.8	207.3	200.8	20.7	193.7	187.7	20.7	180.4	174.8	20.7	178.8	136.8	20.7
10000	77	260.5	189.3	21.0	260.3	146.3	21.1	259.5	100.6	21.3	-	-	-	-	-	-	-	-	-
	72	239.8	232.4	20.9	239.9	190.6	21.0	239.5	146.2	21.1	238.1	101.5	21.2	-	-	-	-	-	-
	67	239.8	232.4	20.8	225.9	218.9	20.8	219.8	189.5	20.9	218.8	144.2	21.0	217.0	100.9	21.1	-	-	-
	62	239.6	232.2	20.8	225.7	218.7	20.8	211.8	205.2	20.8	199.5	189.5	20.8	199.0	142.7	20.9	197.1	99.3	21.0
	57	239.6	232.1	20.8	225.5	218.5	20.8	211.8	205.2	20.8	197.9	191.8	20.7	184.0	178.3	20.7	180.0	143.1	20.8

Table 28: AW20 cooling capacity performance (125°F)

Air on evap. coil		Temperature of air on condenser coil																	
		Return dry bulb temperature (°F)																	
CFM	WB (°F)	90			85			80			75			70			65		
		TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)
125 (°F)																			
5000	77	226.6	129.5	23.2	226.1	105.2	23.3	225.2	82.9	23.3	-	-	-	-	-	-	-	-	-
	72	207.6	152.9	23.1	207.0	130.4	23.1	206.2	105.9	23.2	205.3	81.6	23.2	-	-	-	-	-	-
	67	189.2	177.8	22.9	189.1	152.1	23.0	188.4	129.6	23.0	187.6	105.4	23.1	186.6	81.3	23.1	-	-	-
	62	186.0	180.2	22.9	175.4	170.0	22.8	171.3	151.1	22.8	170.9	127.5	22.9	169.9	103.7	22.9	168.6	80.1	23.0
	57	185.8	180.1	22.8	175.2	169.8	22.8	164.6	159.5	22.7	154.3	149.5	22.7	153.8	126.7	22.8	152.9	102.2	22.8
6000	77	231.4	141.3	23.3	231.0	114.2	23.3	230.2	84.8	23.4	-	-	-	-	-	-	-	-	-
	72	212.9	169.1	23.1	212.3	141.9	23.2	211.7	112.8	23.2	210.7	85.7	23.3	-	-	-	-	-	-
	67	197.2	191.1	23.0	194.0	167.3	23.0	193.3	140.5	23.1	192.4	111.9	23.1	191.3	85.3	23.2	-	-	-
	62	197.0	190.9	22.9	185.7	180.0	22.9	175.2	168.1	22.9	175.3	139.3	22.9	174.2	111.4	23.0	173.0	83.8	23.1
	57	196.9	190.8	22.9	185.6	179.8	22.9	174.2	168.8	22.8	162.9	157.8	22.8	158.1	136.3	22.8	157.2	109.7	22.9
7000	77	234.8	152.5	23.3	234.7	120.5	23.4	233.8	88.3	23.5	-	-	-	-	-	-	-	-	-
	72	215.9	184.1	23.2	215.4	152.4	23.2	214.7	118.6	23.3	213.6	86.9	23.4	-	-	-	-	-	-
	67	205.8	199.4	23.0	196.3	182.6	23.0	196.8	150.7	23.1	196.0	119.6	23.2	194.7	86.8	23.3	-	-	-
	62	205.7	199.3	23.0	193.7	187.7	23.0	181.6	176.0	22.9	178.3	150.3	23.0	177.5	118.7	23.1	175.7	86.8	23.2
	57	205.5	199.1	23.0	193.6	187.6	23.0	181.6	175.9	22.9	169.6	164.3	22.9	160.5	147.8	22.9	159.8	116.1	22.9
8000	77	237.0	163.1	23.3	237.0	126.3	23.4	236.2	91.6	23.6	-	-	-	-	-	-	-	-	-
	72	217.8	198.4	23.2	217.7	162.4	23.2	217.1	126.2	23.3	215.8	89.9	23.5	-	-	-	-	-	-
	67	212.5	205.9	23.1	200.2	194.0	23.0	198.9	161.9	23.2	197.8	124.6	23.2	196.4	89.5	23.4	-	-	-
	62	212.3	205.8	23.1	200.1	193.9	23.0	187.4	181.6	23.0	180.3	160.7	23.0	179.6	123.6	23.1	177.9	87.9	23.2
	57	212.5	205.9	23.1	200.0	193.8	23.0	187.5	181.7	23.0	174.9	169.5	22.9	162.8	157.7	22.9	161.7	122.2	23.0
9000	77	238.4	171.0	23.4	238.4	131.7	23.5	237.6	92.1	23.6	-	-	-	-	-	-	-	-	-
	72	218.6	211.8	23.2	219.0	171.9	23.3	218.7	131.4	23.4	217.3	92.7	23.5	-	-	-	-	-	-
	67	218.1	211.4	23.1	205.4	199.0	23.1	200.3	170.8	23.2	199.4	131.4	23.3	197.9	92.1	23.4	-	-	-
	62	218.1	211.3	23.1	205.1	198.8	23.1	192.1	186.1	23.0	181.5	170.6	23.0	181.2	129.9	23.2	179.2	90.3	23.3
	57	217.9	211.2	23.1	205.0	198.7	23.1	192.3	186.3	23.0	179.3	173.8	23.0	166.5	161.3	22.9	163.2	128.1	23.0
10000	77	239.0	180.7	23.4	239.2	136.7	23.5	238.4	94.7	23.6	-	-	-	-	-	-	-	-	-
	72	222.9	216.0	23.2	220.0	181.2	23.3	219.9	136.4	23.4	218.7	95.4	23.6	-	-	-	-	-	-
	67	222.8	215.9	23.2	209.5	203.1	23.1	200.9	179.1	23.2	200.7	136.1	23.3	198.9	94.4	23.5	-	-	-
	62	222.7	215.8	23.2	209.5	203.0	23.1	196.3	190.2	23.1	183.0	177.3	23.0	182.0	135.8	23.2	180.1	92.5	23.3
	57	222.6	215.7	23.1	209.4	202.9	23.1	196.2	190.1	23.1	182.9	177.3	23.0	169.9	164.6	23.0	164.5	133.9	23.1

AW23 cooling capacity performance

Table 29: AW23 cooling capacity performance (75°F)

Air on evap. coil		Temperature of air on condenser coil																	
		Return dry bulb temperature (°F)																	
CFM	WB (°F)	90			85			80			75			70			65		
		TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)
75 (°F)																			
5750	77	359.9	194.1	16.7	359.5	161.6	16.7	359.3	132.8	16.8	-	-	-	-	-	-	-	-	-
	72	327.0	222.1	16.6	326.7	192.6	16.7	326.0	162.9	16.7	325.8	133.5	16.7	-	-	-	-	-	-
	67	296.4	248.8	16.5	296.1	218.9	16.5	295.8	189.1	16.6	295.2	162.2	16.6	294.8	132.5	16.6	-	-	-
	62	270.2	269.9	16.4	268.3	243.9	16.4	268.4	217.2	16.4	267.7	187.2	16.5	267.2	160.2	16.5	266.8	130.6	16.5
	57	267.6	267.4	16.4	254.6	254.4	16.3	242.8	240.2	16.3	242.7	213.3	16.3	242.2	186.3	16.4	241.8	157.0	16.4
6900	77	373.0	208.7	16.8	372.4	174.9	16.8	372.1	137.5	16.8	-	-	-	-	-	-	-	-	-
	72	339.6	240.8	16.7	339.1	206.6	16.7	338.5	172.5	16.8	338.0	138.4	16.8	-	-	-	-	-	-
	67	307.7	273.6	16.6	307.6	239.7	16.6	307.2	205.6	16.6	306.6	171.5	16.7	306.2	137.7	16.7	-	-	-
	62	289.0	288.7	16.5	278.3	269.6	16.5	278.4	236.4	16.5	278.0	202.7	16.5	277.3	169.0	16.6	276.9	135.6	16.6
	57	286.3	286.0	16.4	271.8	271.5	16.4	257.7	257.4	16.4	252.0	234.1	16.4	251.5	201.0	16.4	251.0	168.0	16.5
8050	77	382.0	221.4	16.8	381.4	182.9	16.9	380.8	144.6	16.9	-	-	-	-	-	-	-	-	-
	72	348.1	260.8	16.7	347.7	222.3	16.8	346.9	180.2	16.8	346.4	141.9	16.8	-	-	-	-	-	-
	67	316.3	297.1	16.6	315.8	258.7	16.7	315.3	220.5	16.7	314.8	179.2	16.7	313.9	141.1	16.8	-	-	-
	62	304.2	303.9	16.5	288.5	288.2	16.5	285.4	253.8	16.6	285.4	216.7	16.6	284.7	179.2	16.6	283.9	139.0	16.7
	57	301.2	300.9	16.5	285.6	285.3	16.5	270.3	270.0	16.5	258.2	252.8	16.4	258.0	214.0	16.5	257.4	174.9	16.5
9200	77	388.4	236.7	16.9	387.6	189.7	16.9	387.1	146.9	16.9	-	-	-	-	-	-	-	-	-
	72	354.3	276.1	16.7	353.9	233.3	16.8	353.2	190.5	16.9	352.2	144.3	16.9	-	-	-	-	-	-
	67	322.9	316.1	16.6	321.2	276.0	16.7	321.1	231.0	16.7	320.2	188.7	16.8	319.2	143.5	16.8	-	-	-
	62	316.5	316.2	16.6	300.0	299.7	16.6	291.1	273.3	16.6	290.7	229.4	16.6	289.8	185.3	16.7	289.1	144.4	16.7
	57	313.5	313.2	16.6	296.9	296.6	16.5	280.8	280.5	16.5	265.0	264.8	16.5	262.7	225.7	16.5	262.0	183.2	16.6
10350	77	393.0	247.3	16.9	392.2	199.8	16.9	391.3	148.5	17.0	-	-	-	-	-	-	-	-	-
	72	358.8	293.9	16.8	358.3	247.0	16.8	357.5	196.4	16.9	356.4	149.5	17.0	-	-	-	-	-	-
	67	330.8	330.5	16.6	325.9	293.0	16.7	325.3	243.7	16.8	324.6	194.5	16.8	323.2	148.5	16.9	-	-	-
	62	327.2	326.9	16.6	309.7	309.4	16.6	295.6	286.5	16.6	295.0	241.6	16.7	293.9	193.8	16.7	292.6	146.1	16.8
	57	323.9	323.6	16.6	306.4	306.1	16.6	289.1	288.8	16.6	272.7	272.4	16.5	266.1	239.3	16.6	265.8	191.2	16.6
11500	77	396.7	257.6	16.9	396.0	205.7	17.0	394.9	153.8	17.0	-	-	-	-	-	-	-	-	-
	72	362.0	311.0	16.8	361.7	256.5	16.9	360.9	205.5	16.9	359.7	150.9	17.0	-	-	-	-	-	-
	67	339.7	339.3	16.6	329.4	309.3	16.7	328.7	256.2	16.8	327.8	203.0	16.8	326.3	149.9	16.9	-	-	-
	62	335.9	335.5	16.6	317.7	317.3	16.6	300.3	300.0	16.6	297.4	252.5	16.7	296.7	201.5	16.7	295.2	150.4	16.8
	57	332.5	332.1	16.6	314.2	313.8	16.6	296.4	296.1	16.6	279.3	279.0	16.6	269.0	249.9	16.6	268.4	198.4	16.6

Table 30: AW23 cooling capacity performance (85°F)

Air on evap. coil		Temperature of air on condenser coil																	
		Return dry bulb temperature (°F)																	
CFM	WB (°F)	90			85			80			75			70			65		
		TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)
85 (°F)																			
5750	77	345.9	186.6	18.8	345.6	158.8	18.8	345.3	127.6	18.8	-	-	-	-	-	-	-	-	-
	72	314.2	213.4	18.6	313.8	184.9	18.6	313.2	156.4	18.7	313.0	128.2	18.7	-	-	-	-	-	-
	67	284.4	241.5	18.4	284.1	212.8	18.5	283.7	184.2	18.5	283.1	155.5	18.5	282.8	127.1	18.5	-	-	-
	62	261.1	260.9	18.2	257.1	238.9	18.3	257.1	210.6	18.3	256.6	182.0	18.3	256.0	153.4	18.4	255.5	125.1	18.4
	57	258.6	258.4	18.2	245.8	245.5	18.2	233.2	233.0	18.1	232.2	208.8	18.2	231.7	180.6	18.2	231.3	152.5	18.2
6900	77	358.0	200.3	18.8	357.5	167.9	18.9	357.1	132.0	18.9	-	-	-	-	-	-	-	-	-
	72	325.8	234.3	18.7	325.3	201.5	18.7	324.5	165.3	18.8	324.0	132.7	18.8	-	-	-	-	-	-
	67	295.0	265.3	18.5	294.6	232.5	18.5	294.3	199.9	18.6	293.8	164.4	18.6	293.2	131.8	18.6	-	-	-
	62	279.1	278.8	18.4	267.1	261.5	18.3	266.5	228.9	18.4	266.0	196.6	18.4	265.3	164.3	18.5	264.9	129.7	18.5
	57	276.4	276.1	18.4	262.1	261.8	18.3	248.2	248.0	18.2	240.6	228.3	18.2	240.6	194.7	18.3	239.9	160.5	18.3
8050	77	366.5	216.0	18.9	365.7	175.4	18.9	365.3	138.7	19.0	-	-	-	-	-	-	-	-	-
	72	333.5	253.2	18.7	333.0	216.3	18.8	332.3	176.0	18.8	331.7	135.9	18.9	-	-	-	-	-	-
	67	302.2	289.9	18.5	302.6	250.9	18.6	302.0	214.2	18.6	301.3	174.6	18.7	300.5	135.1	18.7	-	-	-
	62	293.5	293.2	18.5	278.2	277.9	18.4	273.0	248.2	18.5	272.8	209.9	18.5	272.3	171.4	18.5	271.3	132.8	18.6
	57	290.7	290.4	18.4	275.2	275.0	18.4	260.3	260.1	18.3	247.0	244.3	18.3	246.4	206.8	18.3	245.8	169.4	18.4

Table 30: AW23 cooling capacity performance (85°F)

Air on evap. coil		Temperature of air on condenser coil																	
		Return dry bulb temperature (°F)																	
CFM	WB (°F)	90			85			80			75			70			65		
		TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)
9200	77	372.4	230.7	18.9	371.7	185.6	19.0	370.7	140.7	19.0	-	-	-	-	-	-	-	-	-
	72	339.3	271.2	18.8	338.7	226.7	18.8	338.0	182.3	18.9	336.9	141.4	18.9	-	-	-	-	-	-
	67	309.9	306.5	18.6	307.3	267.1	18.7	307.2	227.1	18.7	306.4	183.7	18.7	305.2	140.2	18.8	-	-	-
	62	305.6	305.3	18.5	289.3	289.0	18.5	277.6	266.3	18.5	278.0	222.1	18.6	277.1	179.9	18.6	276.1	137.9	18.6
	57	302.6	302.3	18.5	286.2	285.9	18.5	270.2	269.9	18.4	254.7	254.5	18.4	250.5	220.3	18.4	250.0	177.4	18.4
10350	77	376.7	240.8	18.9	376.0	191.6	19.0	374.8	142.3	19.1	-	-	-	-	-	-	-	-	-
	72	343.0	287.9	18.8	343.3	240.1	18.9	342.1	191.4	18.9	341.0	143.1	19.0	-	-	-	-	-	-
	67	319.1	318.7	18.6	311.7	286.5	18.7	311.1	236.2	18.7	310.2	189.0	18.8	308.9	141.9	18.9	-	-	-
	62	315.4	315.1	18.6	298.3	298.0	18.6	282.8	279.7	18.5	281.6	236.3	18.6	280.8	187.9	18.7	279.2	139.5	18.7
	57	312.2	311.9	18.6	295.0	294.7	18.5	278.2	277.9	18.5	262.3	262.0	18.4	254.0	230.9	18.4	253.3	184.8	18.5
11500	77	379.9	254.3	19.0	379.3	200.8	19.1	377.8	147.2	19.2	-	-	-	-	-	-	-	-	-
	72	346.6	304.7	18.8	346.1	252.4	18.9	345.2	200.0	19.0	343.7	144.2	19.0	-	-	-	-	-	-
	67	327.3	327.0	18.6	314.6	301.7	18.7	314.1	247.9	18.8	313.1	197.1	18.8	311.7	143.2	18.9	-	-	-
	62	323.6	323.3	18.6	306.0	305.7	18.6	288.7	288.4	18.6	283.8	246.6	18.6	283.2	195.2	18.7	281.8	143.6	18.7
	57	320.3	320.0	18.6	302.5	302.2	18.6	285.4	285.1	18.5	268.3	268.1	18.5	256.2	243.1	18.5	255.9	191.8	18.5

Table 31: AW23 cooling capacity performance (95°F)

Air on evap. coil		Temperature of air on condenser coil																	
		Return dry bulb temperature (°F)																	
CFM	WB (°F)	90			85			80			75			70			65		
		TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)
95 (°F)																			
5750	77	330.9	181.8	20.9	330.4	151.8	21.0	330.3	122.1	21.0	-	-	-	-	-	-	-	-	-
	72	300.2	206.9	20.7	299.6	179.6	20.8	299.3	149.5	20.8	299.0	122.4	20.8	-	-	-	-	-	-
	67	271.6	236.1	20.5	271.2	205.9	20.6	271.0	178.7	20.6	270.2	148.5	20.6	270.0	121.4	20.6	-	-	-
	62	251.5	251.2	20.3	245.2	232.7	20.3	245.3	203.4	20.4	244.8	176.1	20.4	244.1	148.8	20.4	243.7	119.3	20.4
	57	249.0	248.8	20.3	236.3	236.0	20.2	224.0	223.8	20.1	220.8	200.7	20.2	220.8	174.2	20.2	220.3	145.2	20.2
6900	77	342.0	194.7	21.0	341.3	160.2	21.1	340.9	126.0	21.1	-	-	-	-	-	-	-	-	-
	72	310.9	229.8	20.8	310.3	195.3	20.9	309.7	160.9	20.9	309.1	126.6	20.9	-	-	-	-	-	-
	67	281.4	258.6	20.6	281.1	224.6	20.6	280.6	193.4	20.7	280.1	159.5	20.7	279.3	125.6	20.8	-	-	-
	62	268.6	268.3	20.5	255.1	252.3	20.4	253.5	222.9	20.5	253.3	189.8	20.5	252.7	156.5	20.5	252.0	123.4	20.6
	57	266.0	265.7	20.4	252.0	251.7	20.4	238.2	238.0	20.3	228.5	221.4	20.3	228.9	187.5	20.3	228.1	155.0	20.3
8050	77	349.8	209.7	21.1	349.1	170.9	21.2	348.3	132.2	21.2	-	-	-	-	-	-	-	-	-
	72	318.0	247.8	20.9	317.5	209.3	20.9	316.7	167.7	21.0	315.9	129.4	21.1	-	-	-	-	-	-
	67	288.7	279.8	20.6	288.2	244.7	20.7	287.7	206.9	20.8	286.9	169.1	20.8	285.9	128.5	20.9	-	-	-
	62	282.3	282.0	20.6	267.3	267.0	20.5	260.0	241.6	20.5	259.7	204.9	20.6	259.2	165.8	20.6	258.1	128.9	20.7
	57	279.6	279.3	20.6	264.5	264.2	20.5	249.7	249.5	20.4	235.5	235.3	20.3	234.1	201.1	20.4	233.5	163.3	20.4
9200	77	355.0	223.5	21.1	354.2	176.9	21.2	353.3	134.1	21.3	-	-	-	-	-	-	-	-	-
	72	323.0	264.6	20.9	322.7	219.2	21.0	321.9	176.9	21.1	320.9	134.6	21.1	-	-	-	-	-	-
	67	296.9	296.6	20.7	293.1	260.6	20.8	292.3	219.0	20.8	291.5	174.7	20.9	290.3	133.4	20.9	-	-	-
	62	293.6	293.3	20.7	277.5	277.3	20.6	264.9	256.7	20.6	264.3	216.5	20.6	263.5	173.7	20.7	262.3	131.0	20.7
	57	290.6	290.3	20.6	274.4	274.2	20.6	258.9	258.7	20.5	243.8	243.5	20.4	237.8	213.8	20.4	237.5	170.8	20.5
10350	77	359.1	233.2	21.2	358.3	186.2	21.3	356.9	139.0	21.4	-	-	-	-	-	-	-	-	-
	72	326.9	280.9	21.0	326.6	231.7	21.0	325.7	185.5	21.1	324.4	136.1	21.2	-	-	-	-	-	-
	67	306.3	306.0	20.8	296.1	278.1	20.8	295.8	230.5	20.9	294.9	182.6	20.9	293.6	134.9	21.0	-	-	-
	62	302.7	302.4	20.7	286.1	285.8	20.7	270.1	269.8	20.6	267.5	227.1	20.7	266.8	181.3	20.7	265.4	135.2	20.8
	57	299.6	299.3	20.7	282.9	282.7	20.7	266.8	266.5	20.6	250.9	250.6	20.5	240.8	226.1	20.5	240.3	177.7	20.5
11500	77	362.0	245.9	21.2	361.2	194.9	21.3	359.7	140.2	21.4	-	-	-	-	-	-	-	-	-
	72	329.8	296.5	21.0	329.5	243.6	21.1	328.6	193.7	21.2	326.9	140.4	21.3	-	-	-	-	-	-
	67	314.4	314.1	20.8	299.8	290.5	20.8	298.4	241.5	20.9	297.8	190.4	21.0	296.1	139.0	21.1	-	-	-
	62	310.9	310.6	20.8	293.5	293.2	20.7	276.4	276.2	20.7	269.8	239.9	20.7	268.9	188.1	20.8	267.5	136.3	20.9
	57	307.4	307.1	20.8	290.2	289.9	20.7	273.1	272.8	20.7	256.8	256.5	20.6	243.4	235.8	20.5	242.8	184.3	20.6

Table 32: AW23 cooling capacity performance (105°F)

Air on evap. coil		Temperature of air on condenser coil																	
		Return dry bulb temperature (°F)																	
CFM	WB (°F)	90			85			80			75			70			65		
		TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)
105 (°F)																			
5750	77	305.6	170.9	23.3	304.1	139.8	23.3	302.8	111.9	23.4	-	-	-	-	-	-	-	-	-
	72	279.2	198.0	23.0	277.9	169.3	23.1	276.4	140.8	23.1	275.3	112.8	23.1	-	-	-	-	-	-
	67	254.4	223.7	22.8	253.3	197.4	22.8	252.1	168.8	22.8	250.8	140.3	22.9	249.7	112.2	22.9	-	-	-
	62	240.2	240.0	22.6	230.5	223.4	22.5	230.0	195.3	22.6	228.9	166.9	22.6	227.5	138.6	22.7	226.0	110.6	22.7
	57	240.1	239.8	22.5	226.8	226.6	22.4	214.0	213.7	22.3	207.9	193.1	22.3	207.1	165.6	22.4	205.7	137.7	22.5
6900	77	314.7	182.4	23.4	313.0	150.1	23.4	311.6	118.3	23.5	-	-	-	-	-	-	-	-	-
	72	288.4	216.1	23.1	287.0	183.5	23.2	285.2	151.0	23.2	283.8	116.2	23.3	-	-	-	-	-	-
	67	262.8	249.4	22.9	262.0	214.6	22.9	260.5	182.2	23.0	259.1	150.1	23.0	257.5	115.8	23.1	-	-	-
	62	256.3	256.1	22.7	241.8	241.5	22.6	237.4	213.5	22.7	236.4	181.8	22.7	234.7	147.7	22.8	233.2	114.2	22.9
	57	256.1	255.9	22.7	241.6	241.4	22.6	227.4	227.2	22.5	215.4	210.9	22.4	214.2	179.8	22.5	212.6	146.6	22.6
8050	77	321.0	195.6	23.5	319.3	159.5	23.5	317.4	120.5	23.6	-	-	-	-	-	-	-	-	-
	72	294.2	235.1	23.2	292.9	196.0	23.3	291.1	157.1	23.3	289.1	121.3	23.4	-	-	-	-	-	-
	67	270.4	267.4	22.9	267.8	232.7	23.0	266.4	194.3	23.1	264.7	156.0	23.1	262.7	118.1	23.2	-	-	-
	62	269.3	269.0	22.9	253.5	253.3	22.8	242.3	232.4	22.8	241.6	193.1	22.8	240.1	155.9	22.9	238.0	118.9	23.0
	57	269.1	268.9	22.8	253.4	253.1	22.8	238.0	237.7	22.7	223.2	223.0	22.5	218.8	192.3	22.6	217.3	154.1	22.7
9200	77	325.0	207.8	23.5	323.2	164.7	23.6	320.8	121.8	23.7	-	-	-	-	-	-	-	-	-
	72	298.1	250.2	23.3	297.0	207.7	23.3	295.0	165.1	23.4	292.8	122.9	23.5	-	-	-	-	-	-
	67	279.7	279.4	23.0	272.2	250.2	23.1	270.4	208.0	23.1	268.4	163.6	23.2	266.1	122.3	23.3	-	-	-
	62	279.6	279.3	23.0	263.0	262.7	22.9	247.9	245.2	22.8	245.5	206.0	22.9	243.6	163.1	23.0	241.5	120.6	23.1
	57	279.4	279.2	23.0	263.0	262.7	22.9	246.8	246.6	22.8	231.1	230.9	22.7	222.0	204.0	22.6	220.7	160.9	22.8
10350	77	328.3	219.7	23.6	326.0	172.6	23.7	323.4	126.0	23.8	-	-	-	-	-	-	-	-	-
	72	301.6	265.2	23.3	300.0	218.8	23.4	298.1	172.8	23.5	295.6	127.0	23.6	-	-	-	-	-	-
	67	288.7	288.4	23.1	274.8	266.3	23.1	272.9	218.1	23.2	271.2	170.7	23.3	268.7	126.1	23.3	-	-	-
	62	288.5	288.2	23.1	271.2	270.9	23.0	254.1	253.9	22.9	248.4	215.9	23.0	246.6	170.0	23.0	244.3	124.5	23.2
	57	288.4	288.1	23.0	271.0	270.7	23.0	254.0	253.7	22.9	237.6	237.4	22.8	224.5	215.3	22.7	223.1	169.4	22.9
11500	77	330.3	231.0	23.6	328.2	180.3	23.7	325.3	126.7	23.8	-	-	-	-	-	-	-	-	-
	72	303.6	282.1	23.3	302.2	229.5	23.4	300.2	179.9	23.5	297.3	127.7	23.6	-	-	-	-	-	-
	67	295.8	295.5	23.2	278.7	275.6	23.1	275.2	228.2	23.2	273.5	177.6	23.3	270.7	127.1	23.4	-	-	-
	62	295.7	295.4	23.1	277.8	277.5	23.1	260.3	260.0	23.0	250.5	227.7	23.0	248.4	176.2	23.1	246.1	127.9	23.4
	57	295.5	295.2	23.1	277.7	277.4	23.0	260.2	259.9	23.0	243.0	242.8	22.8	227.5	225.0	22.7	225.1	175.4	22.9

Table 33: AW23 cooling capacity performance (115°F)

Air on evap. coil		Temperature of air on condenser coil																	
		Return dry bulb temperature (°F)																	
CFM	WB (°F)	90			85			80			75			70			65		
		TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)
115 (°F)																			
5750	77	287.0	163.4	25.8	285.5	134.0	25.9	284.4	105.1	25.9	-	-	-	-	-	-	-	-	-
	72	261.8	188.3	25.5	260.7	161.5	25.6	259.2	132.1	25.6	258.3	105.8	25.7	-	-	-	-	-	-
	67	238.4	216.8	25.2	237.5	187.4	25.3	236.2	160.4	25.3	234.8	131.4	25.4	233.6	105.0	25.5	-	-	-
	62	227.7	227.5	25.0	216.1	213.7	24.9	215.0	186.9	25.0	214.0	158.2	25.1	212.5	131.6	25.2	211.0	103.3	25.3
	57	227.5	227.3	25.0	214.6	214.4	24.9	202.0	201.8	24.8	193.8	185.9	24.8	193.2	156.3	25.0	191.9	128.4	25.1
6900	77	294.9	176.8	26.0	293.3	143.6	26.0	291.8	110.8	26.1	-	-	-	-	-	-	-	-	-
	72	270.0	207.7	25.7	268.7	174.5	25.7	267.0	141.4	25.8	265.2	108.6	25.8	-	-	-	-	-	-
	67	245.9	238.3	25.3	244.8	205.4	25.4	243.4	172.7	25.4	241.9	140.2	25.5	240.3	108.0	25.7	-	-	-
	62	242.6	242.3	25.2	228.4	228.2	25.1	221.5	205.8	25.1	220.4	171.8	25.2	218.9	139.9	25.3	217.1	108.4	25.5
	57	242.5	242.3	25.2	228.3	228.1	25.1	214.4	214.2	25.0	200.9	200.7	24.9	199.3	171.2	25.0	197.9	138.4	25.2
8050	77	300.3	189.0	26.0	298.6	149.1	26.1	296.6	112.6	26.2	-	-	-	-	-	-	-	-	-
	72	274.9	225.2	25.7	273.6	188.6	25.8	272.0	149.4	25.9	269.8	113.2	26.0	-	-	-	-	-	-
	67	254.4	254.2	25.4	250.1	222.4	25.5	248.9	186.5	25.6	247.0	148.0	25.6	244.8	112.5	25.8	-	-	-
	62	254.3	254.1	25.4	239.2	238.9	25.3	226.6	221.9	25.2	225.0	184.3	25.3	223.3	147.2	25.5	221.4	110.6	25.7
	57	254.2	253.9	25.4	239.2	239.0	25.3	224.3	224.1	25.1	209.8	209.6	25.0	203.1	182.6	25.1	201.7	145.1	25.3

Table 33: AW23 cooling capacity performance (115°F)

Air on evap. coil		Temperature of air on condenser coil																	
		Return dry bulb temperature (°F)																	
CFM	WB (°F)	90			85			80			75			70			65		
		TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)
9200	77	303.7	200.3	26.1	302.1	156.9	26.2	299.7	116.8	26.3	-	-	-	-	-	-	-	-	-
	72	278.8	239.5	25.8	277.1	199.3	25.9	275.6	156.9	26.0	272.9	114.5	26.1	-	-	-	-	-	-
	67	264.3	264.0	25.5	253.1	240.2	25.5	252.0	198.9	25.6	250.2	155.0	25.7	247.9	113.9	25.9	-	-	-
	62	264.1	263.9	25.5	248.1	247.8	25.4	232.3	232.0	25.3	228.1	196.0	25.4	226.6	153.9	25.6	224.2	114.2	25.8
	57	264.0	263.7	25.5	248.0	247.7	25.4	232.2	231.9	25.3	216.8	216.6	25.1	205.6	195.2	25.2	204.6	153.3	25.4
10350	77	306.4	211.2	26.2	304.4	164.2	26.3	301.7	117.6	26.4	-	-	-	-	-	-	-	-	-
	72	281.2	255.6	25.8	279.9	209.7	25.9	277.8	163.7	26.0	275.3	118.2	26.2	-	-	-	-	-	-
	67	272.2	271.9	25.6	256.9	251.5	25.6	254.1	208.2	25.7	252.5	163.9	25.8	249.9	117.3	26.1	-	-	-
	62	271.9	271.6	25.6	255.3	255.0	25.5	238.9	238.7	25.4	230.8	207.6	25.4	229.1	162.5	25.7	226.4	115.3	25.9
	57	271.8	271.6	25.6	255.2	254.9	25.5	238.8	238.6	25.4	222.8	222.6	25.2	208.7	204.3	25.2	206.8	159.1	25.5
11500	77	308.0	221.6	26.2	306.2	171.3	26.3	303.4	121.3	26.5	-	-	-	-	-	-	-	-	-
	72	283.0	271.4	25.8	281.4	222.1	26.0	279.5	170.3	26.0	276.8	121.7	26.3	-	-	-	-	-	-
	67	278.9	278.6	25.7	261.7	261.4	25.6	256.4	220.3	25.7	254.4	170.3	25.9	251.6	120.7	26.2	-	-	-
	62	278.8	278.5	25.7	261.5	261.3	25.6	244.5	244.2	25.5	232.2	220.4	25.4	230.7	168.3	25.7	227.9	118.4	26.0
	57	278.6	278.3	25.7	261.4	261.1	25.6	244.4	244.2	25.5	227.8	227.6	25.3	211.6	211.4	25.2	208.6	166.7	25.6

Table 34: AW23 cooling capacity performance (125°F)

Air on evap. coil		Temperature of air on condenser coil																	
		Return dry bulb temperature (°F)																	
CFM	WB (°F)	90			85			80			75			70			65		
		TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)
125 (°F)																			
5750	77	267.0	154.7	28.6	265.6	127.4	28.7	264.5	97.8	28.8	-	-	-	-	-	-	-	-	-
	72	243.5	180.0	28.3	242.3	152.5	28.4	241.1	125.2	28.5	239.9	98.2	28.6	-	-	-	-	-	-
	67	221.0	207.5	27.9	220.6	178.5	28.0	219.4	151.2	28.2	217.9	124.1	28.3	216.7	97.4	28.5	-	-	-
	62	214.4	214.2	27.8	201.7	201.5	27.7	198.8	178.8	27.9	198.2	150.5	28.0	197.0	124.0	28.2	195.5	95.7	28.3
	57	214.4	214.2	27.7	201.7	201.5	27.7	189.2	189.0	27.7	179.4	175.6	27.7	178.8	148.3	27.9	177.2	120.4	28.0
6900	77	273.8	166.8	28.7	272.3	136.0	28.8	270.9	102.8	28.9	-	-	-	-	-	-	-	-	-
	72	250.6	197.8	28.4	249.2	166.8	28.5	247.6	133.6	28.6	246.1	103.2	28.8	-	-	-	-	-	-
	67	229.1	226.5	28.0	226.7	197.0	28.2	225.7	164.6	28.3	224.2	132.1	28.5	222.6	100.1	28.7	-	-	-
	62	228.1	227.8	28.0	214.3	214.1	27.9	204.4	196.1	27.9	203.9	162.9	28.1	202.3	131.4	28.3	200.6	100.2	28.5
	57	227.8	227.6	27.9	214.1	213.9	27.8	200.7	200.5	27.8	187.3	187.2	27.7	183.3	161.2	28.0	182.4	129.3	28.1
8050	77	278.4	178.0	28.8	276.8	141.0	28.9	274.8	104.3	29.1	-	-	-	-	-	-	-	-	-
	72	254.5	216.1	28.5	253.5	177.3	28.6	251.9	140.9	28.7	250.0	104.9	29.1	-	-	-	-	-	-
	67	239.0	238.8	28.1	230.8	214.4	28.2	230.1	177.0	28.4	228.3	141.4	28.6	226.5	104.1	28.9	-	-	-
	62	238.9	238.7	28.1	224.1	223.9	28.0	210.1	209.9	28.0	207.6	174.2	28.2	206.1	137.9	28.4	204.0	101.9	28.7
	57	238.7	238.5	28.1	224.0	223.8	28.0	209.6	209.4	27.9	195.5	195.3	27.9	186.4	173.1	28.0	185.4	137.1	28.2
9200	77	281.1	191.0	28.9	279.7	148.1	29.0	277.3	108.1	29.2	-	-	-	-	-	-	-	-	-
	72	257.8	231.8	28.5	256.4	189.6	28.6	254.6	147.5	28.8	252.3	108.4	29.2	-	-	-	-	-	-
	67	247.7	247.4	28.3	234.5	229.6	28.2	232.6	188.2	28.5	231.1	147.8	28.7	228.8	107.4	29.0	-	-	-
	62	247.5	247.2	28.3	232.2	232.0	28.1	216.9	216.7	28.1	210.3	187.0	28.3	209.0	146.2	28.5	206.6	105.3	28.8
	57	247.4	247.2	28.2	232.0	231.8	28.1	216.9	216.6	28.0	202.0	201.8	28.0	189.6	183.7	28.1	187.9	142.6	28.3
10350	77	283.5	201.1	28.9	281.5	154.7	29.0	279.1	111.5	29.4	-	-	-	-	-	-	-	-	-
	72	259.6	246.4	28.5	258.4	201.3	28.7	256.7	156.4	28.9	254.4	109.3	29.3	-	-	-	-	-	-
	67	255.0	254.7	28.4	238.8	238.6	28.3	234.6	199.2	28.5	233.0	153.6	28.8	230.5	108.2	29.1	-	-	-
	62	254.8	254.6	28.4	238.7	238.4	28.2	222.8	222.5	28.2	212.0	199.1	28.3	211.0	151.8	28.6	208.3	108.2	29.0
	57	254.7	254.4	28.3	238.6	238.3	28.2	222.7	222.5	28.1	207.2	207.0	28.1	192.4	192.2	28.1	189.9	149.9	28.4
11500	77	284.7	213.3	29.0	283.1	161.2	29.1	280.6	112.1	29.5	-	-	-	-	-	-	-	-	-
	72	262.5	257.0	28.6	259.6	210.0	28.7	258.4	162.6	29.0	255.6	112.3	29.4	-	-	-	-	-	-
	67	261.0	260.7	28.5	244.2	244.0	28.4	236.5	210.3	28.5	234.6	159.4	28.8	231.9	111.2	29.2	-	-	-
	62	260.8	260.6	28.5	244.0	243.8	28.3	227.8	227.6	28.3	214.3	207.6	28.3	212.2	159.0	28.7	209.6	111.0	29.1
	57	260.7	260.4	28.4	244.0	243.7	28.3	227.6	227.4	28.2	211.9	211.7	28.2	196.5	196.3	28.2	191.5	156.9	28.5

AW13 hot gas reheat capacity performance

Table 35: AW13 hot gas reheat capacity performance (85°F)

Air on evap. coil		Temperature of air on condenser coil																	
		Return dry bulb temperature (°F)																	
CFM	WB (°F)	90			85			80			75			70			65		
		TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)
85 (°F)																			
3125	77	75.0	2.3	8.5	79.9	0.8	8.5	72.7	0.6	8.5	-	-	-	-	-	-	-	-	-
	72	63.7	8.6	9.6	67.9	3.7	8.2	66.9	1.3	8.1	71.1	0.3	8.1	-	-	-	-	-	-
	67	58.4	31.8	9.0	57.8	15.9	9.0	56.9	2.1	9.0	60.2	1.4	7.8	64.1	0.2	7.8	-	-	-
	62	56.1	49.1	8.7	52.5	38.7	8.6	51.7	22.6	8.6	50.9	6.3	8.6	53.8	0.3	7.5	52.7	0.2	7.5
	57	56.0	49.2	8.7	52.3	46.1	8.4	48.7	43.0	8.2	45.9	28.6	8.2	45.1	12.3	8.2	47.6	3.2	7.2
3750	77	78.7	3.4	8.4	77.3	3.3	8.4	75.8	0.1	8.3	-	-	-	-	-	-	-	-	-
	72	67.7	16.0	9.3	71.4	8.8	8.0	70.2	0.7	8.0	73.8	1.0	8.0	-	-	-	-	-	-
	67	62.0	42.0	8.9	61.1	23.2	8.9	60.3	4.5	8.9	63.2	3.3	7.7	66.7	0.0	7.7	-	-	-
	62	61.4	53.2	8.7	57.3	47.7	8.5	54.8	30.1	8.4	54.1	11.0	8.4	56.6	0.8	7.4	55.2	0.7	7.4
	57	61.3	53.4	8.7	57.2	49.8	8.4	53.0	46.3	8.2	49.1	36.7	8.1	48.0	17.3	8.1	50.3	5.7	7.2
4375	77	81.5	8.3	8.3	80.0	6.4	8.3	78.2	0.4	8.2	-	-	-	-	-	-	-	-	-
	72	70.7	23.3	9.2	74.2	13.8	8.0	72.6	1.9	7.9	69.9	2.1	7.9	-	-	-	-	-	-
	67	65.9	50.8	8.8	63.9	30.0	8.8	62.9	8.4	8.7	65.4	5.8	7.7	68.7	0.4	7.6	-	-	-
	62	65.8	56.3	8.7	61.2	52.5	8.4	57.4	37.9	8.4	56.4	15.8	8.3	58.6	3.1	7.4	56.4	3.0	7.4
	57	65.7	56.5	8.7	61.2	52.7	8.4	56.7	48.9	8.2	52.5	43.0	8.0	50.1	22.3	8.0	52.3	8.2	7.1
5000	77	83.7	13.1	8.2	81.9	1.1	8.2	80.2	1.1	8.1	-	-	-	-	-	-	-	-	-
	72	73.0	30.6	9.1	71.8	6.6	9.1	74.5	3.8	7.9	72.4	3.9	7.8	-	-	-	-	-	-
	67	69.4	57.8	8.7	66.0	37.9	8.7	65.0	13.1	8.6	67.3	8.9	7.6	70.1	0.7	7.6	-	-	-
	62	69.4	58.2	8.7	64.6	54.4	8.5	60.0	44.7	8.3	58.2	20.3	8.3	60.2	4.5	7.3	58.4	4.4	7.3
	57	69.4	58.4	8.7	64.6	54.7	8.4	59.9	50.6	8.2	55.2	46.4	8.0	51.7	27.1	8.0	53.6	10.4	7.1
5625	77	85.5	16.8	8.1	83.8	2.9	8.1	81.2	2.2	8.1	-	-	-	-	-	-	-	-	-
	72	74.9	38.0	9.0	74.3	11.5	9.0	76.1	6.2	7.8	79.0	0.1	7.8	-	-	-	-	-	-
	67	72.6	59.9	8.7	67.9	45.2	8.6	66.6	17.5	8.6	68.7	1.8	7.6	66.3	1.4	7.5	-	-	-
	62	72.5	60.2	8.7	67.5	55.1	8.5	62.6	49.5	8.3	59.7	25.0	8.2	61.6	6.7	7.3	59.5	6.6	7.3
	57	72.5	60.4	8.7	67.5	55.3	8.5	62.5	51.6	8.2	57.6	47.4	8.0	53.2	32.2	7.9	54.8	12.5	7.1
6250	77	86.8	21.1	8.1	85.1	4.6	8.1	82.2	4.1	8.0	-	-	-	-	-	-	-	-	-
	72	76.4	45.2	8.9	75.0	15.0	8.9	77.3	9.5	7.8	79.9	0.2	7.7	-	-	-	-	-	-
	67	75.3	61.2	8.7	69.5	48.9	8.6	68.0	21.9	8.5	69.8	2.6	7.5	67.3	2.0	7.5	-	-	-
	62	75.3	61.5	8.7	70.0	56.1	8.5	64.9	50.7	8.3	61.0	28.8	8.2	62.8	8.6	7.3	60.4	8.5	7.3
	57	75.3	61.9	8.7	70.0	56.3	8.5	64.9	50.8	8.2	59.7	47.5	8.0	54.8	36.2	7.9	55.8	14.3	7.1

Table 36: AW13 hot gas reheat capacity performance (75°F)

Air on evap. coil		Temperature of air on condenser coil																	
		Return dry bulb temperature (°F)																	
CFM	WB (°F)	90			85			80			75			70			65		
		TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)
75 (°F)																			
3125	77	80.4	1.3	7.9	79.3	2.3	7.9	84.1	0.0	7.9	-	-	-	-	-	-	-	-	-
	72	68.9	11.5	9.0	73.1	6.6	7.6	72.0	0.3	7.6	76.1	0.8	7.5	-	-	-	-	-	-
	67	63.2	34.6	8.5	62.5	18.9	8.4	61.6	2.9	8.4	64.9	2.7	7.3	69.1	0.2	7.2	-	-	-
	62	60.3	53.0	8.1	57.0	41.5	8.0	56.3	25.5	8.0	55.4	9.3	8.0	58.5	1.6	7.0	57.4	1.5	6.9
	57	60.2	53.2	8.1	56.4	49.9	7.9	52.6	46.9	7.7	50.3	31.7	7.7	49.5	15.4	7.7	52.1	6.3	6.7
3750	77	84.5	6.4	7.8	83.2	5.3	7.8	87.7	0.4	7.7	-	-	-	-	-	-	-	-	-
	72	73.2	19.1	8.7	76.9	11.8	7.4	75.7	1.7	7.4	74.3	1.8	7.4	-	-	-	-	-	-
	67	67.2	45.1	8.3	66.4	26.2	8.3	65.4	7.6	8.3	68.4	5.0	7.2	71.9	0.8	7.1	-	-	-
	62	65.9	57.5	8.1	61.8	51.4	7.9	59.8	33.3	7.9	59.0	14.2	7.9	61.6	4.0	6.9	60.1	3.9	6.9
	57	65.9	57.8	8.1	61.6	54.1	7.9	57.4	50.5	7.7	53.5	39.9	7.6	52.7	20.4	7.6	55.1	9.0	6.6
4375	77	87.6	11.5	7.7	86.1	8.7	7.6	88.1	0.9	7.6	-	-	-	-	-	-	-	-	-
	72	76.4	26.5	8.6	79.9	17.0	7.4	77.6	3.3	7.3	75.7	0.0	7.3	-	-	-	-	-	-
	67	70.8	54.6	8.2	69.4	33.3	8.2	68.3	11.7	8.2	71.0	0.7	7.1	74.2	1.7	7.1	-	-	-
	62	70.6	60.8	8.1	66.0	57.0	7.9	62.5	41.2	7.8	61.5	19.1	7.8	63.9	6.6	6.8	62.1	6.5	6.8
	57	70.6	61.1	8.1	66.0	57.2	7.9	61.4	53.3	7.7	57.0	46.9	7.5	55.1	25.4	7.5	57.2	11.6	6.6

Table 36: AW13 hot gas reheat capacity performance (75°F)

Air on evap. coil		Temperature of air on condenser coil																	
		Return dry bulb temperature (°F)																	
CFM	WB (°F)	90			85			80			75			70			65		
		TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)
5000	77	89.9	15.5	7.6	88.1	2.4	7.6	91.3	1.9	7.5	-	-	-	-	-	-	-	-	-
	72	79.0	33.9	8.5	77.7	9.8	8.5	80.3	5.5	7.3	78.6	0.4	7.2	-	-	-	-	-	-
	67	74.5	63.8	8.1	71.7	41.0	8.1	70.6	16.4	8.1	73.1	3.1	7.0	76.0	2.1	7.0	-	-	-
	62	74.6	62.9	8.1	69.7	59.2	7.9	65.0	48.9	7.7	63.5	23.8	7.7	65.7	8.0	6.8	64.0	7.9	6.8
	57	74.5	63.1	8.1	69.7	59.4	7.9	64.8	55.4	7.6	59.9	51.1	7.5	56.8	30.7	7.4	58.8	14.0	6.6
5625	77	92.1	21.2	7.5	89.7	4.2	7.5	92.9	3.2	7.4	-	-	-	-	-	-	-	-	-
	72	81.1	41.3	8.4	79.7	14.4	8.4	82.0	8.2	7.2	80.1	1.0	7.2	-	-	-	-	-	-
	67	78.1	64.8	8.1	73.7	48.6	8.0	72.3	21.0	8.0	74.6	5.3	7.0	77.6	3.0	7.0	-	-	-
	62	78.1	65.2	8.1	72.8	59.9	7.9	67.8	53.7	7.7	65.4	27.5	7.7	67.3	10.3	6.8	65.2	10.2	6.7
	57	79.5	68.0	8.1	72.7	60.2	7.9	67.7	56.6	7.7	62.6	52.1	7.5	58.4	35.7	7.4	60.2	16.4	6.5
6250	77	93.6	24.6	7.5	91.7	6.3	7.5	94.9	0.1	7.4	-	-	-	-	-	-	-	-	-
	72	82.6	48.7	8.3	81.3	18.6	8.3	83.7	1.9	7.2	81.2	1.5	7.1	-	-	-	-	-	-
	67	81.0	66.4	8.1	75.7	54.8	8.0	73.9	25.3	7.9	75.7	7.0	6.9	76.9	3.3	6.9	-	-	-
	62	81.0	66.8	8.1	75.5	61.2	7.9	70.2	56.8	7.7	66.8	32.2	7.6	67.9	11.5	6.7	66.2	11.4	6.7
	57	80.9	67.0	8.1	75.5	61.4	7.9	70.2	57.1	7.7	64.9	52.5	7.5	59.9	40.4	7.3	61.3	18.2	6.5

Table 37: AW13 hot gas reheat capacity performance (65°F)

Air on evap. coil		Temperature of air on condenser coil																	
		Return dry bulb temperature (°F)																	
CFM	WB (°F)	90			85			80			75			70			65		
		TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)
65 (°F)																			
3125	77	85.9	4.3	7.3	84.9	4.1	7.3	83.4	0.3	7.3	-	-	-	-	-	-	-	-	-
	72	74.0	14.5	8.4	78.2	9.5	7.0	76.9	1.2	7.0	75.3	1.5	7.0	-	-	-	-	-	-
	67	68.0	37.6	7.9	67.3	21.9	7.9	66.3	5.9	7.9	69.8	4.3	6.7	73.7	1.2	6.7	-	-	-
	62	64.3	56.8	7.5	61.5	44.4	7.5	60.8	28.5	7.5	59.9	12.2	7.5	63.0	4.6	6.4	61.8	4.5	6.4
	57	64.2	56.9	7.5	60.2	53.6	7.3	56.4	50.1	7.2	54.5	34.8	7.2	53.8	18.3	7.1	56.5	9.5	6.2
3750	77	90.3	9.5	7.2	89.0	0.4	7.2	86.8	0.9	7.1	-	-	-	-	-	-	-	-	-
	72	78.7	22.3	8.2	77.5	3.4	8.1	80.9	3.2	6.9	79.0	0.1	6.8	-	-	-	-	-	-
	67	72.5	48.1	7.7	71.5	29.6	7.7	70.4	10.7	7.7	73.5	1.3	6.6	77.0	2.2	6.6	-	-	-
	62	70.3	61.7	7.5	66.1	55.0	7.4	64.6	36.3	7.4	63.7	17.2	7.3	66.4	7.2	6.4	65.0	7.1	6.3
	57	70.2	61.8	7.5	65.8	58.1	7.3	61.7	54.5	7.1	58.0	43.0	7.1	57.3	23.6	7.0	59.8	12.4	6.1
4375	77	93.8	14.8	7.1	92.2	1.5	7.0	90.1	1.7	7.0	-	-	-	-	-	-	-	-	-
	72	82.2	29.9	8.0	80.0	7.3	8.0	83.9	5.0	6.8	82.1	0.7	6.7	-	-	-	-	-	-
	67	76.0	58.3	7.6	74.7	36.6	7.6	73.7	14.9	7.6	76.4	3.9	6.5	79.3	3.3	6.5	-	-	-
	62	75.4	65.4	7.5	70.7	61.4	7.3	67.6	44.5	7.3	66.5	22.3	7.2	68.9	9.8	6.3	67.3	9.7	6.3
	57	75.3	65.6	7.5	70.5	61.5	7.3	65.9	57.6	7.1	61.4	50.7	7.0	59.9	28.9	7.0	62.2	15.1	6.1
5000	77	96.4	19.9	7.0	94.8	3.9	7.0	92.4	0.0	6.9	-	-	-	-	-	-	-	-	-
	72	84.9	37.4	7.9	83.6	13.2	7.9	85.8	0.6	6.7	84.1	1.5	6.7	-	-	-	-	-	-
	67	80.0	67.4	7.5	77.6	44.5	7.5	76.3	19.9	7.5	78.7	6.4	6.5	81.4	3.8	6.4	-	-	-
	62	79.7	67.5	7.5	74.6	63.9	7.3	70.1	52.5	7.2	68.9	27.2	7.2	71.1	11.4	6.3	69.2	11.3	6.2
	57	79.6	67.7	7.5	74.5	64.0	7.3	69.6	60.0	7.1	64.7	55.6	6.9	62.1	34.0	6.9	64.0	17.6	6.1
5625	77	98.6	24.8	6.9	96.9	6.1	6.9	94.2	0.3	6.8	-	-	-	-	-	-	-	-	-
	72	87.2	44.9	7.8	85.8	17.9	7.8	87.6	2.6	6.6	85.8	2.4	6.6	-	-	-	-	-	-
	67	83.3	68.7	7.5	79.5	52.2	7.4	78.2	24.5	7.4	80.3	8.6	6.4	83.1	4.9	6.4	-	-	-
	62	83.4	70.0	7.5	78.1	64.8	7.3	72.9	57.8	7.1	70.9	31.1	7.1	72.8	13.8	6.2	70.6	13.7	6.2
	57	83.3	70.2	7.5	77.9	64.9	7.3	72.8	61.4	7.1	67.6	56.8	6.9	63.7	39.3	6.9	65.6	19.9	6.0
6250	77	100.4	29.3	6.9	98.5	0.2	6.8	95.6	1.0	6.8	-	-	-	-	-	-	-	-	-
	72	89.2	52.2	7.7	87.6	22.1	7.7	89.8	5.3	6.6	87.1	3.2	6.5	-	-	-	-	-	-
	67	86.9	71.8	7.5	81.5	59.1	7.4	79.8	28.9	7.4	81.8	10.7	6.4	84.3	5.7	6.4	-	-	-
	62	86.6	71.8	7.5	81.0	66.3	7.3	75.5	61.8	7.1	72.4	35.7	7.1	74.1	15.8	6.2	71.9	15.7	6.2
	57	86.6	72.1	7.5	80.8	66.2	7.3	75.4	62.1	7.1	70.0	57.3	6.9	65.2	44.1	6.8	66.8	22.0	6.0

Table 38: AW13 hot gas reheat capacity performance (55°F)

Air on evap. coil		Temperature of air on condenser coil																	
		Return dry bulb temperature (°F)																	
CFM	WB (°F)	90			85			80			75			70			65		
		TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)
55 (°F)																			
3125	77	90.8	6.9	6.7	90.1	0.1	6.7	88.3	0.8	6.7	-	-	-	-	-	-	-	-	-
	72	78.7	17.7	7.8	77.2	1.5	7.8	82.7	2.8	6.4	82.9	1.0	6.4	-	-	-	-	-	-
	67	72.2	40.0	7.3	72.0	24.9	7.3	71.4	9.3	7.3	76.0	3.8	6.1	78.3	2.6	6.1	-	-	-
	62	67.7	60.0	7.0	65.5	47.3	7.0	64.9	31.2	7.0	64.0	15.0	7.0	67.1	7.4	5.9	66.1	7.3	5.9
	57	68.5	61.0	7.0	63.7	56.9	6.8	59.9	52.9	6.6	58.3	37.3	6.7	57.6	21.0	6.6	60.4	12.3	5.7
3750	77	95.5	12.4	6.6	94.7	1.1	6.6	93.7	1.9	6.5	-	-	-	-	-	-	-	-	-
	72	83.7	25.1	7.6	82.0	5.9	7.6	87.2	5.3	6.3	85.7	2.2	6.2	-	-	-	-	-	-
	67	76.8	50.8	7.2	76.6	32.8	7.2	76.0	14.4	7.2	80.3	6.7	6.0	81.9	3.9	6.0	-	-	-
	62	74.1	65.1	7.0	70.1	58.3	6.8	68.9	39.2	6.8	68.0	20.1	6.8	71.0	10.2	5.8	69.4	10.1	5.8
	57	74.9	66.2	7.0	69.6	61.7	6.8	65.4	58.2	6.6	62.1	45.7	6.5	61.5	26.5	6.5	64.1	15.3	5.6
4375	77	99.1	17.8	6.4	98.1	2.9	6.4	96.8	0.9	6.4	-	-	-	-	-	-	-	-	-
	72	86.7	31.8	7.4	85.6	10.8	7.4	92.0	4.1	6.1	88.9	3.2	6.1	-	-	-	-	-	-
	67	80.5	61.1	7.0	80.0	40.0	7.0	79.6	18.8	7.0	83.7	9.0	6.0	84.9	5.3	5.9	-	-	-
	62	79.5	69.2	6.9	75.0	65.4	6.7	72.3	47.4	6.7	71.3	25.3	6.7	73.9	13.0	5.8	72.3	12.9	5.7
	57	80.4	70.4	6.9	74.7	65.4	6.7	70.0	61.5	6.6	65.5	54.1	6.5	64.3	31.9	6.5	66.7	18.2	5.6
5000	77	101.8	23.0	6.4	100.9	5.2	6.3	99.5	1.2	6.3	-	-	-	-	-	-	-	-	-
	72	90.1	40.6	7.3	88.6	15.8	7.3	93.3	5.4	6.1	91.2	4.5	6.1	-	-	-	-	-	-
	67	84.2	70.4	7.0	83.1	47.9	6.9	82.4	23.9	6.9	86.3	11.7	5.9	87.1	6.6	5.9	-	-	-
	62	83.8	71.4	6.9	79.1	68.1	6.7	74.9	55.5	6.6	73.8	30.4	6.6	76.2	15.6	5.7	74.4	15.5	5.7
	57	85.0	72.6	6.9	78.8	68.1	6.7	73.9	63.9	6.6	68.9	59.7	6.4	66.6	37.1	6.4	68.7	20.8	5.5
5625	77	104.3	27.3	6.3	96.4	7.6	8.7	101.5	2.2	6.2	-	-	-	-	-	-	-	-	-
	72	92.9	48.3	7.2	90.8	20.6	7.2	95.4	8.0	6.0	93.2	6.0	6.0	-	-	-	-	-	-
	67	88.0	73.9	6.9	85.5	55.9	6.9	84.7	28.8	6.9	88.4	14.4	5.8	88.9	7.0	5.8	-	-	-
	62	87.8	74.1	6.9	82.8	69.2	6.7	77.6	61.4	6.6	75.8	34.2	6.6	78.1	17.2	5.7	76.0	17.1	5.6
	57	88.9	75.4	6.9	82.5	69.1	6.7	77.2	65.7	6.5	72.0	61.1	6.4	68.5	42.3	6.3	70.5	23.2	5.5
6250	77	106.2	31.8	6.2	97.9	9.9	8.7	103.2	3.1	6.2	-	-	-	-	-	-	-	-	-
	72	94.8	55.4	7.1	92.4	24.9	7.1	97.1	10.1	6.0	94.7	7.0	5.9	-	-	-	-	-	-
	67	91.3	75.8	6.9	87.3	63.0	6.8	86.4	33.4	6.8	90.0	16.5	5.8	90.4	7.9	5.8	-	-	-
	62	91.2	76.1	6.9	86.0	70.7	6.7	80.3	66.4	6.5	77.7	39.0	6.5	79.6	19.3	5.6	78.0	19.2	5.6
	57	92.3	77.4	6.9	85.6	70.7	6.7	80.1	66.6	6.5	74.7	61.8	6.4	70.1	47.3	6.3	71.9	25.4	5.5

Table 39: AW13 hot gas reheat capacity performance (45°F)

Air on evap. coil		Temperature of air on condenser coil																	
		Return dry bulb temperature (°F)																	
CFM	WB (°F)	90			85			80			75			70			65		
		TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)
45 (°F)																			
3125	77	94.6	8.9	6.1	89.5	0.8	8.9	93.2	1.2	6.1	-	-	-	-	-	-	-	-	-
	72	82.5	20.0	7.2	82.1	4.7	7.2	86.4	3.6	5.8	85.4	1.6	5.8	-	-	-	-	-	-
	67	76.4	43.0	6.8	75.4	27.1	6.8	74.7	11.1	6.8	78.9	5.4	5.6	83.6	4.9	5.6	-	-	-
	62	72.0	64.3	6.4	70.1	50.5	6.4	69.6	34.6	6.4	68.4	18.2	6.4	72.1	10.9	5.4	71.2	10.8	5.4
	57	71.8	64.2	6.4	67.9	60.9	6.3	64.1	56.6	6.1	63.0	40.8	6.1	62.2	24.6	6.1	65.2	15.9	5.2
3750	77	101.0	15.3	5.9	95.2	2.5	8.6	98.0	0.3	5.9	-	-	-	-	-	-	-	-	-
	72	87.8	27.6	7.0	87.4	9.4	6.9	91.2	2.3	5.7	89.8	2.4	5.7	-	-	-	-	-	-
	67	81.2	53.8	6.6	80.3	35.2	6.6	79.3	16.3	6.6	83.3	7.6	5.5	87.4	6.4	5.5	-	-	-
	62	78.8	69.6	6.4	74.9	61.7	6.3	74.1	42.9	6.3	73.3	23.9	6.3	76.2	13.9	5.3	75.1	13.8	5.3
	57	78.4	69.5	6.4	73.9	66.0	6.2	69.9	62.5	6.1	67.1	49.7	6.0	66.4	30.2	6.0	69.3	19.1	5.1
4375	77	104.8	20.5	5.8	99.3	5.1	8.4	101.4	1.3	5.8	-	-	-	-	-	-	-	-	-
	72	91.8	35.7	6.8	91.3	14.7	6.8	94.8	5.2	5.6	93.3	3.8	5.5	-	-	-	-	-	-
	67	85.1	64.0	6.5	84.0	42.5	6.5	82.9	20.9	6.4	86.7	10.6	5.4	84.8	8.8	5.4	-	-	-
	62	84.3	73.7	6.4	79.7	70.0	6.2	77.7	51.3	6.2	76.7	29.2	6.2	80.3	17.7	5.2	78.1	17.6	5.2
	57	83.9	73.7	6.4	79.4	70.0	6.2	74.9	66.1	6.0	70.5	58.1	5.9	69.7	35.8	5.9	72.2	22.3	5.0

Table 39: AW13 hot gas reheat capacity performance (45°F)

Air on evap. coil		Temperature of air on condenser coil																	
		Return dry bulb temperature (°F)																	
CFM	WB (°F)	90			85			80			75			70			65		
		TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)
5000	77	108.1	25.5	5.7	103.1	7.9	8.2	104.1	2.4	5.7	-	-	-	-	-	-	-	-	-
	72	95.0	43.4	6.7	94.7	20.0	6.7	97.6	7.9	5.5	95.9	5.1	5.5	-	-	-	-	-	-
	67	88.6	73.6	6.4	87.0	50.5	6.4	85.9	26.1	6.3	89.3	13.2	5.3	87.7	9.5	5.3	-	-	-
	62	89.2	76.2	6.3	84.2	72.9	6.2	80.3	59.5	6.1	79.4	34.5	6.1	81.9	19.8	5.1	80.2	19.7	5.1
	57	88.6	76.1	6.3	83.6	72.8	6.2	78.9	69.1	6.0	74.2	65.7	5.8	72.1	41.1	5.9	74.6	25.2	5.0
5625	77	110.7	31.6	5.6	105.6	10.7	8.7	106.5	3.8	5.6	-	-	-	-	-	-	-	-	-
	72	97.5	51.0	6.6	97.3	25.0	6.5	100.1	10.8	5.4	98.0	6.7	5.4	-	-	-	-	-	-
	67	92.8	78.2	6.3	89.6	58.3	6.3	88.2	31.0	6.3	91.8	16.3	5.3	89.7	9.9	5.2	-	-	-
	62	93.3	79.2	6.3	87.9	74.9	6.1	82.8	66.5	6.0	81.5	39.5	6.0	83.8	21.5	5.1	82.3	21.4	5.1
	57	92.9	79.1	6.3	87.5	74.9	6.1	82.5	70.6	6.0	77.4	66.3	5.8	74.3	46.7	5.8	76.6	27.8	5.0
6250	77	112.1	35.9	5.6	108.0	13.3	8.7	108.3	4.5	5.5	-	-	-	-	-	-	-	-	-
	72	99.9	58.6	6.5	99.4	29.5	6.5	102.2	12.7	5.4	99.8	9.4	5.3	-	-	-	-	-	-
	67	96.4	80.4	6.3	91.4	65.5	6.2	90.2	35.6	6.2	94.8	20.1	5.2	96.6	11.1	5.2	-	-	-
	62	97.0	81.3	6.3	91.2	75.8	6.1	85.7	72.4	6.0	83.4	43.2	6.0	85.7	23.9	5.1	83.8	23.8	5.0
	57	96.5	81.2	6.3	90.9	75.6	6.1	85.6	71.7	6.0	80.0	67.0	5.8	76.0	51.8	5.7	78.0	30.0	4.9

Table 40: AW13 hot gas reheat capacity performance (35°F)

Air on evap. coil		Temperature of air on condenser coil																	
		Return dry bulb temperature (°F)																	
CFM	WB (°F)	90			85			80			75			70			65		
		TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)
35 (°F)																			
3125	77	101.6	13.0	5.4	78.7	1.8	8.9	97.2	0.4	5.4	-	-	-	-	-	-	-	-	-
	72	87.8	23.2	6.5	86.9	7.5	6.5	91.4	2.4	5.2	90.3	3.5	5.2	-	-	-	-	-	-
	67	81.4	46.6	6.2	80.7	30.9	6.2	79.8	14.8	6.2	83.8	8.6	5.0	87.3	7.0	5.0	-	-	-
	62	75.4	67.5	5.9	73.8	53.3	5.9	73.3	37.5	5.9	72.4	21.3	5.9	76.1	13.9	4.8	75.2	13.8	4.8
	57	76.7	68.9	5.9	72.0	64.9	5.7	68.4	60.4	5.6	67.6	44.6	5.6	66.3	27.8	5.6	69.5	19.2	4.7
3750	77	107.3	18.8	5.3	83.6	3.9	8.6	106.1	19.9	6.4	-	-	-	-	-	-	-	-	-
	72	93.6	31.1	6.3	92.6	12.4	6.3	96.6	5.2	5.0	95.2	5.2	5.0	-	-	-	-	-	-
	67	86.7	57.8	6.0	86.0	39.2	6.0	85.0	20.2	6.0	88.7	11.8	4.9	92.2	8.8	4.9	-	-	-
	62	82.7	73.5	5.8	80.0	71.7	5.6	78.2	46.1	5.7	77.4	27.1	5.7	80.7	17.2	4.7	79.4	17.1	4.7
	57	84.1	74.9	5.8	78.7	70.4	5.6	74.4	66.8	5.5	72.1	53.5	5.5	70.5	33.6	5.5	73.7	22.7	4.6
4375	77	111.8	24.6	5.1	87.1	6.6	8.4	108.3	2.7	5.1	-	-	-	-	-	-	-	-	-
	72	98.1	39.2	6.1	96.9	17.7	6.1	100.6	8.3	4.9	99.0	6.7	4.9	-	-	-	-	-	-
	67	91.4	68.2	5.8	90.2	47.5	5.8	89.4	25.8	5.8	92.4	14.8	4.8	95.8	10.6	4.8	-	-	-
	62	88.9	78.1	5.7	83.5	73.7	5.6	81.9	54.2	5.6	81.2	32.7	5.6	84.3	20.5	4.6	82.9	20.4	4.6
	57	90.2	79.7	5.7	84.7	74.9	5.6	79.7	70.8	5.5	75.7	62.2	5.4	74.2	39.6	5.4	76.6	25.8	4.5
5000	77	115.3	30.3	5.0	89.9	9.4	8.2	111.5	4.1	5.0	-	-	-	-	-	-	-	-	-
	72	101.7	47.3	6.0	100.5	22.7	6.0	103.8	11.3	4.8	102.1	7.5	4.8	-	-	-	-	-	-
	67	95.0	78.4	5.7	93.5	54.9	5.7	92.6	31.1	5.7	94.9	16.9	4.7	98.5	11.3	4.6	-	-	-
	62	94.0	80.9	5.7	88.8	77.4	5.5	85.3	62.7	5.5	84.2	38.1	5.5	87.1	22.6	4.6	85.6	22.5	4.5
	57	95.5	82.7	5.7	89.5	78.3	5.5	84.2	74.0	5.4	79.3	69.5	5.3	76.9	45.1	5.3	79.5	29.2	4.4
5625	77	118.2	35.6	4.9	85.7	12.6	8.7	114.1	0.3	4.9	-	-	-	-	-	-	-	-	-
	72	104.4	55.2	5.9	103.3	28.1	5.9	101.9	1.1	5.9	102.9	8.8	4.8	-	-	-	-	-	-
	67	99.5	85.4	5.7	96.5	63.0	5.6	95.2	35.8	5.6	97.6	19.5	4.6	100.7	13.1	4.6	-	-	-
	62	98.7	84.2	5.7	93.1	79.8	5.5	87.9	70.1	5.4	86.8	43.2	5.4	89.3	25.7	4.5	87.8	25.6	4.5
	57	100.4	86.1	5.7	93.7	80.7	5.5	88.2	76.2	5.4	82.9	71.5	5.3	79.2	50.5	5.2	82.3	32.5	4.4
6250	77	120.8	40.9	4.9	87.4	15.8	8.7	116.0	0.2	4.8	-	-	-	-	-	-	-	-	-
	72	107.1	62.4	5.8	106.3	33.3	5.8	104.3	3.0	5.8	106.2	10.9	4.7	-	-	-	-	-	-
	67	103.5	86.9	5.7	98.6	70.5	5.6	97.4	40.6	5.6	100.3	22.7	4.6	86.9	23.3	4.6	-	-	-
	62	102.7	86.7	5.7	96.7	80.7	5.5	90.9	76.6	5.4	88.8	47.1	5.4	84.1	35.9	5.3	89.5	35.8	4.5
	57	104.4	88.5	5.6	97.4	81.7	5.5	91.7	77.6	5.4	85.9	72.7	5.2	81.4	55.4	5.2	83.4	33.4	4.4

AW15 hot gas reheat capacity performance

Table 41: AW15 hot gas reheat capacity performance (85°F)

Air on evap. coil		Temperature of air on condenser coil																	
		Return dry bulb temperature (°F)																	
CFM	WB (°F)	90			85			80			75			70			65		
		TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)
85 (°F)																			
3750	77	87.4	3.1	10.7	86.4	3.5	10.7	85.5	0.3	10.6	-	-	-	-	-	-	-	-	-
	72	74.5	17.6	11.8	79.7	9.5	10.2	78.9	1.3	10.2	77.9	1.8	10.1	-	-	-	-	-	-
	67	68.5	45.4	11.1	68.0	26.2	11.1	67.3	6.7	11.1	71.6	5.1	9.7	70.6	0.7	9.7	-	-	-
	62	65.5	65.1	10.6	62.1	53.8	10.5	61.6	34.4	10.5	60.9	14.5	10.5	64.8	3.8	9.3	63.7	1.5	9.3
	57	65.7	65.2	10.6	61.8	61.1	10.3	57.9	57.6	10.0	55.3	41.8	10.0	54.8	21.7	10.0	53.9	1.6	10.0
4500	77	91.2	7.8	10.5	90.0	0.1	10.5	88.4	0.7	10.5	-	-	-	-	-	-	-	-	-
	72	78.5	24.7	11.6	77.8	2.2	11.6	82.2	2.9	10.1	80.8	2.8	10.0	-	-	-	-	-	-
	67	72.2	56.6	11.0	71.6	33.9	11.0	70.8	11.0	11.0	74.7	7.3	9.6	73.4	1.2	9.6	-	-	-
	62	71.2	71.0	10.7	66.9	64.4	10.5	64.8	42.4	10.5	64.2	19.2	10.4	67.5	5.7	9.2	66.2	2.1	9.2
	57	71.3	71.1	10.7	66.8	66.1	10.4	62.6	62.3	10.1	58.5	50.7	10.0	57.8	26.8	10.0	56.9	3.3	10.0
5250	77	93.8	11.7	10.4	92.6	1.2	10.4	90.8	1.2	10.4	-	-	-	-	-	-	-	-	-
	72	81.5	32.4	11.5	79.7	6.9	11.4	83.5	4.2	10.0	81.9	0.0	9.9	-	-	-	-	-	-
	67	75.5	67.9	10.9	74.2	40.7	10.9	73.2	14.6	10.9	76.9	0.2	9.6	75.2	1.8	9.5	-	-	-
	62	75.6	75.1	10.8	70.9	70.8	10.4	67.1	50.9	10.4	66.3	23.9	10.4	69.5	7.5	9.2	68.2	3.1	9.2
	57	75.7	75.3	10.7	71.0	71.0	10.4	66.4	66.3	10.2	61.9	57.3	9.9	59.7	31.8	9.9	58.8	4.8	9.9
6000	77	90.2	1.2	11.9	94.2	2.5	10.3	92.3	2.1	10.3	-	-	-	-	-	-	-	-	-
	72	83.6	40.1	11.4	82.5	11.0	11.3	86.3	6.4	9.9	84.3	0.1	9.9	-	-	-	-	-	-
	67	79.1	75.2	10.9	76.1	48.8	10.8	75.2	19.3	10.8	78.5	2.1	9.5	76.6	2.4	9.5	-	-	-
	62	79.3	77.6	10.8	74.4	72.9	10.5	69.5	58.7	10.3	68.0	28.6	10.3	71.0	9.4	9.2	69.0	3.5	9.1
	57	79.4	77.6	10.8	74.5	72.9	10.5	69.4	67.4	10.2	64.6	62.2	9.9	61.2	37.1	9.9	60.1	6.4	9.9
6750	77	92.0	5.1	11.8	95.9	4.0	10.2	93.4	3.4	10.2	-	-	-	-	-	-	-	-	-
	72	85.2	47.5	11.3	84.0	15.1	11.3	87.5	9.0	9.8	85.3	0.4	9.8	-	-	-	-	-	-
	67	81.8	78.9	10.9	77.8	56.9	10.8	76.5	23.7	10.8	79.6	3.8	9.5	77.5	2.4	9.4	-	-	-
	62	82.9	79.8	10.9	77.1	72.5	10.6	72.0	62.6	10.3	69.5	33.2	10.3	72.1	10.1	9.1	69.1	3.1	9.1
	57	83.9	80.6	10.9	77.3	72.5	10.6	72.0	68.0	10.3	66.9	62.3	10.0	62.5	42.1	9.8	61.3	7.8	9.8
7500	77	93.2	8.6	11.7	96.8	5.7	10.2	94.2	4.8	10.1	-	-	-	-	-	-	-	-	-
	72	86.4	55.3	11.2	85.1	19.1	11.2	88.5	11.6	9.8	86.0	0.7	9.7	-	-	-	-	-	-
	67	84.9	80.2	10.9	79.6	63.3	10.7	77.8	28.0	10.7	80.5	5.0	9.4	78.1	2.9	9.4	-	-	-
	62	85.1	80.3	10.9	79.5	73.1	10.6	74.2	67.6	10.3	70.5	36.5	10.2	73.0	11.7	9.1	70.7	3.9	9.1
	57	85.2	80.3	10.9	79.7	73.1	10.6	74.3	67.6	10.3	67.5	60.9	10.0	63.9	46.6	9.8	62.2	8.9	9.8

Table 42: AW15 hot gas reheat capacity performance (75°F)

Air on evap. coil		Temperature of air on condenser coil																	
		Return dry bulb temperature (°F)																	
CFM	WB (°F)	90			85			80			75			70			65		
		TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)
75 (°F)																			
3750	77	93.9	6.8	9.9	93.0	0.2	9.9	91.7	0.8	9.9	-	-	-	-	-	-	-	-	-
	72	80.6	21.4	11.0	79.8	2.1	11.0	85.0	2.9	9.4	84.2	0.1	9.4	-	-	-	-	-	-
	67	74.1	49.0	10.4	73.7	29.9	10.4	72.9	10.4	10.4	77.5	1.2	9.0	76.6	2.3	9.0	-	-	-
	62	70.5	70.1	9.9	67.5	57.5	9.8	67.1	38.0	9.9	66.3	18.3	9.9	70.3	7.6	8.6	69.2	2.1	8.6
	57	70.6	70.2	9.9	66.6	66.1	9.6	62.6	62.1	9.4	60.4	45.5	9.4	59.9	25.5	9.4	59.1	5.3	9.4
4500	77	97.7	11.4	9.8	96.9	0.9	9.8	95.9	1.5	9.7	-	-	-	-	-	-	-	-	-
	72	84.9	28.4	10.9	84.1	5.8	10.9	88.8	4.8	9.3	87.2	0.4	9.3	-	-	-	-	-	-
	67	78.4	60.5	10.3	77.6	37.7	10.3	76.8	14.8	10.3	80.9	3.0	8.9	79.7	3.0	8.9	-	-	-
	62	76.5	76.2	9.9	72.2	69.0	9.8	70.5	46.1	9.8	69.8	23.0	9.8	73.5	9.6	8.6	72.2	2.8	8.5
	57	76.7	76.4	9.9	72.0	71.6	9.7	67.7	67.5	9.4	63.7	54.4	9.3	63.2	30.7	9.3	62.3	7.0	9.3
5250	77	94.9	1.2	11.3	99.6	1.9	9.7	98.5	2.5	9.6	-	-	-	-	-	-	-	-	-
	72	87.2	36.0	10.7	86.3	9.3	10.7	91.3	6.9	9.2	89.7	0.6	9.2	-	-	-	-	-	-
	67	81.6	72.1	10.2	80.5	44.8	10.2	79.6	19.5	10.2	83.3	4.1	8.9	81.8	3.8	8.8	-	-	-
	62	81.2	81.1	10.0	76.5	76.1	9.7	73.1	54.6	9.7	72.4	28.0	9.7	75.7	11.7	8.5	73.9	3.5	8.5
	57	81.5	81.3	10.0	76.6	76.2	9.7	71.8	71.6	9.5	67.2	62.0	9.3	65.5	35.9	9.3	64.5	8.8	9.2

Table 42: AW15 hot gas reheat capacity performance (75°F)

Air on evap. coil		Temperature of air on condenser coil																	
		Return dry bulb temperature (°F)																	
CFM	WB (°F)	90			85			80			75			70			65		
		TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)
6000	77	97.4	5.3	11.2	101.7	4.2	9.6	100.2	3.2	9.5	-	-	-	-	-	-	-	-	-
	72	90.3	43.9	10.6	89.3	15.0	10.6	93.2	8.6	9.2	91.4	1.2	9.1	-	-	-	-	-	-
	67	85.2	80.2	10.1	82.8	52.8	10.1	81.8	23.3	10.1	85.2	6.2	8.8	83.3	4.4	8.8	-	-	-
	62	85.3	83.3	10.1	80.2	78.7	9.8	75.3	63.4	9.6	74.3	32.8	9.6	77.2	13.5	8.5	75.4	4.2	8.4
	57	85.4	84.3	10.1	80.3	78.6	9.8	75.3	73.1	9.5	70.1	67.6	9.2	67.2	41.1	9.2	66.1	10.5	9.2
6750	77	99.3	9.0	11.1	103.3	6.1	9.5	101.5	0.1	9.5	-	-	-	-	-	-	-	-	-
	72	92.3	51.6	10.6	91.1	19.4	10.5	94.8	1.2	9.1	92.5	1.5	9.1	-	-	-	-	-	-
	67	88.5	85.3	10.1	84.3	61.2	10.0	83.3	27.8	10.0	85.9	7.5	8.8	84.3	4.4	8.7	-	-	-
	62	88.7	85.3	10.1	83.2	79.5	9.8	78.0	68.9	9.6	76.0	37.3	9.6	78.7	14.3	8.4	76.6	4.1	8.4
	57	88.8	85.4	10.1	83.4	79.6	9.8	78.0	73.8	9.5	72.7	68.0	9.3	68.5	46.3	9.2	67.3	11.9	9.2
7500	77	100.8	12.7	11.0	104.6	7.9	9.4	102.5	0.2	9.4	-	-	-	-	-	-	-	-	-
	72	93.7	59.1	10.5	92.5	23.3	10.5	95.8	2.4	9.1	93.4	2.1	9.0	-	-	-	-	-	-
	67	91.2	86.5	10.2	86.0	68.2	10.0	84.5	32.0	10.0	87.6	9.1	8.7	85.3	4.9	8.7	-	-	-
	62	91.4	86.4	10.2	85.9	79.0	9.9	80.3	74.7	9.6	77.0	40.7	9.5	79.6	15.9	8.4	77.2	4.6	8.4
	57	91.6	86.4	10.2	86.0	79.0	9.9	80.3	73.6	9.6	74.9	67.5	9.3	69.7	51.4	9.1	68.4	13.2	9.1

Table 43: AW15 hot gas reheat capacity performance (65°F)

Air on evap. coil		Temperature of air on condenser coil																	
		Return dry bulb temperature (°F)																	
CFM	WB (°F)	90			85			80			75			70			65		
		TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)
65 (°F)																			
3750	77	99.6	9.8	9.2	99.5	1.0	9.2	98.5	1.6	9.2	-	-	-	-	-	-	-	-	-
	72	86.7	25.2	10.3	85.8	5.9	10.3	91.0	4.8	8.7	90.1	1.1	8.7	-	-	-	-	-	-
	67	80.2	53.1	9.7	79.5	33.8	9.7	78.6	14.2	9.7	83.1	4.9	8.3	82.1	4.4	8.3	-	-	-
	62	75.3	75.1	9.2	72.8	61.4	9.2	72.4	41.7	9.2	71.6	21.9	9.2	75.7	11.3	8.0	73.9	4.1	8.0
	57	75.4	75.2	9.2	71.3	71.2	8.9	67.2	67.1	8.7	65.6	49.1	8.7	65.0	29.2	8.7	64.0	8.9	8.7
4500	77	98.4	1.6	10.8	103.8	2.3	9.0	102.1	2.6	9.0	-	-	-	-	-	-	-	-	-
	72	91.5	32.5	10.2	90.5	9.7	10.2	95.1	7.0	8.6	93.6	1.7	8.6	-	-	-	-	-	-
	67	84.6	64.6	9.6	83.7	41.8	9.6	82.8	18.8	9.6	87.0	6.9	8.2	85.4	5.2	8.2	-	-	-
	62	81.7	81.4	9.3	77.3	73.5	9.1	76.2	50.1	9.1	75.5	27.0	9.1	79.2	13.5	7.9	77.8	4.9	7.9
	57	81.8	81.6	9.2	77.3	77.1	9.0	72.8	72.1	8.7	69.2	58.2	8.7	68.7	34.6	8.7	67.7	11.0	8.7
5250	77	102.0	5.2	10.6	106.9	4.2	8.9	104.8	0.1	8.9	-	-	-	-	-	-	-	-	-
	72	94.9	40.5	10.0	93.6	14.3	10.0	97.9	1.4	8.5	96.2	2.1	8.5	-	-	-	-	-	-
	67	87.9	76.1	9.5	86.8	48.8	9.5	86.0	23.5	9.5	89.7	8.1	8.2	87.5	6.3	8.2	-	-	-
	62	87.0	86.2	9.3	82.0	81.6	9.0	79.3	58.6	9.0	78.3	31.9	9.0	81.8	15.9	7.9	79.3	6.0	7.8
	57	87.1	86.8	9.3	82.1	82.0	9.0	77.1	76.9	8.8	72.4	66.7	8.6	71.1	40.0	8.6	70.2	12.8	8.6
6000	77	104.8	9.5	10.5	109.0	6.3	8.9	106.9	0.4	8.8	-	-	-	-	-	-	-	-	-
	72	97.3	48.2	9.9	96.2	19.0	9.9	100.1	3.4	8.5	98.0	2.8	8.4	-	-	-	-	-	-
	67	91.4	85.1	9.4	89.5	57.0	9.4	88.3	27.3	9.4	91.8	10.2	8.1	89.8	6.9	8.1	-	-	-
	62	91.2	90.1	9.4	86.0	84.5	9.1	81.5	67.2	9.0	80.6	37.0	9.0	83.5	17.6	7.8	81.7	6.6	7.8
	57	91.5	90.3	9.4	85.9	84.2	9.1	80.8	78.6	8.8	75.6	73.2	8.6	73.1	45.2	8.6	72.0	14.6	8.5
6750	77	106.8	13.4	10.3	110.7	8.4	8.8	108.3	0.8	8.7	-	-	-	-	-	-	-	-	-
	72	99.6	55.9	9.8	98.2	23.5	9.8	101.6	5.0	8.4	99.2	3.5	8.4	-	-	-	-	-	-
	67	94.9	91.3	9.4	91.4	65.2	9.4	90.0	32.1	9.3	93.3	12.0	8.1	91.1	6.8	8.0	-	-	-
	62	94.8	91.2	9.4	89.3	85.5	9.1	83.9	73.9	8.9	82.2	41.4	8.9	85.0	18.5	7.8	82.9	6.5	7.8
	57	95.0	91.2	9.4	89.3	85.4	9.1	83.8	79.5	8.9	78.4	73.6	8.6	74.6	50.2	8.5	73.4	16.2	8.5
7500	77	108.1	16.8	10.3	112.2	10.2	8.7	109.5	1.1	8.7	-	-	-	-	-	-	-	-	-
	72	101.1	63.4	9.8	99.7	27.3	9.7	102.9	6.4	8.4	100.3	4.1	8.3	-	-	-	-	-	-
	67	98.0	92.8	9.4	92.9	73.0	9.3	91.3	36.4	9.3	94.4	13.5	8.0	92.0	7.2	8.0	-	-	-
	62	98.0	92.6	9.4	92.0	84.9	9.2	86.4	79.5	8.9	83.5	44.6	8.9	86.2	20.0	7.8	83.9	6.9	7.7
	57	98.1	92.6	9.4	92.0	84.8	9.2	86.5	79.5	8.9	80.8	73.3	8.6	75.9	55.4	8.5	74.6	17.4	8.5

Table 44: AW15 hot gas reheat capacity performance (55°F)

Air on evap. coil		Temperature of air on condenser coil																	
		Return dry bulb temperature (°F)																	
CFM	WB (°F)	90			85			80			75			70			65		
		TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)
55 (°F)																			
3750	77	99.6	0.9	10.3	106.3	2.2	8.5	105.8	0.3	8.4	-	-	-	-	-	-	-	-	-
	72	92.5	28.8	9.6	91.2	9.1	9.6	98.0	2.1	8.0	97.1	4.1	8.0	-	-	-	-	-	-
	67	85.1	56.3	9.0	85.1	37.6	9.0	84.6	18.3	9.0	90.4	10.2	7.6	89.6	6.8	7.6	-	-	-
	62	79.6	79.2	8.5	77.9	64.9	8.5	77.4	45.2	8.5	76.7	25.5	8.5	80.8	14.9	7.3	80.0	6.5	7.3
	57	80.5	80.2	8.5	75.6	75.1	8.3	71.5	71.1	8.1	70.2	52.5	8.1	69.7	32.6	8.1	68.9	12.4	8.1
4500	77	104.9	5.4	10.0	113.1	3.6	8.3	110.2	0.8	8.3	-	-	-	-	-	-	-	-	-
	72	97.6	36.1	9.4	96.1	12.9	9.4	102.4	4.3	7.9	101.3	5.0	7.9	-	-	-	-	-	-
	67	89.8	67.8	8.9	89.8	45.8	8.9	89.4	23.3	8.9	94.7	12.4	7.6	93.7	7.5	7.5	-	-	-
	62	86.4	86.2	8.6	82.5	77.1	8.4	81.6	53.8	8.4	80.9	30.6	8.4	84.6	16.9	7.3	83.6	7.2	7.2
	57	87.3	87.1	8.6	81.9	81.1	8.3	77.3	77.1	8.1	74.2	61.8	8.0	73.7	38.3	8.0	72.7	14.5	8.0
5250	77	108.6	9.9	9.8	114.4	5.9	8.2	113.2	1.5	8.1	-	-	-	-	-	-	-	-	-
	72	101.4	44.3	9.3	99.7	17.8	9.3	105.8	6.5	7.8	104.1	5.4	7.8	-	-	-	-	-	-
	67	93.4	78.5	8.8	93.3	53.1	8.8	92.9	28.1	8.8	97.9	13.8	7.5	96.4	8.8	7.5	-	-	-
	62	91.9	91.2	8.6	87.2	87.1	8.4	84.9	62.3	8.4	84.0	35.8	8.4	87.5	19.6	7.2	86.0	8.5	7.2
	57	93.0	92.6	8.6	87.1	86.3	8.4	82.1	81.7	8.1	77.4	70.8	8.0	76.5	43.7	8.0	75.5	16.5	8.0
6000	77	111.5	13.7	9.7	116.9	0.2	8.1	115.5	2.3	8.1	-	-	-	-	-	-	-	-	-
	72	104.1	52.3	9.2	102.4	22.4	9.2	108.1	8.5	7.7	106.2	0.3	7.7	-	-	-	-	-	-
	67	96.4	89.4	8.7	96.1	61.2	8.7	95.5	32.1	8.7	95.3	3.3	8.7	98.5	8.7	7.4	-	-	-
	62	96.3	95.2	8.7	91.4	89.7	8.4	87.3	71.1	8.3	86.4	40.8	8.3	89.6	20.6	7.1	88.0	8.4	7.1
	57	97.5	96.1	8.6	91.2	89.4	8.4	86.0	83.7	8.2	80.7	77.7	7.9	78.5	48.9	7.9	77.4	18.4	7.9
6750	77	113.8	17.3	9.6	118.8	1.7	8.0	117.1	3.0	8.0	-	-	-	-	-	-	-	-	-
	72	106.3	59.9	9.1	104.6	27.0	9.1	110.2	10.5	7.7	107.8	0.5	7.6	-	-	-	-	-	-
	67	100.3	96.3	8.7	98.2	69.6	8.7	97.4	36.9	8.6	97.2	4.8	8.6	100.1	9.4	7.3	-	-	-
	62	100.3	96.3	8.7	94.9	90.9	8.4	89.5	78.6	8.3	88.1	45.4	8.2	91.3	22.5	7.1	89.3	9.1	7.1
	57	101.5	97.3	8.7	94.8	90.7	8.4	89.2	84.8	8.2	83.6	78.8	7.9	80.3	53.9	7.9	79.1	20.0	7.9
7500	77	115.5	21.1	9.5	120.3	2.9	8.0	118.3	3.4	7.9	-	-	-	-	-	-	-	-	-
	72	108.1	67.9	9.0	106.1	31.2	9.0	111.4	11.8	7.6	109.0	0.7	7.6	-	-	-	-	-	-
	67	103.5	97.9	8.7	99.7	77.7	8.6	99.0	41.2	8.6	98.7	6.0	8.6	101.3	9.8	7.3	-	-	-
	62	103.5	97.9	8.7	97.9	90.5	8.5	92.0	83.1	8.2	89.8	48.6	8.2	92.5	24.1	7.1	89.3	9.5	7.1
	57	104.7	98.8	8.7	97.7	90.3	8.5	92.0	85.0	8.2	86.2	78.6	8.0	81.6	59.3	7.8	80.4	21.4	7.8

Table 45: AW15 hot gas reheat capacity performance (45°F)

Air on evap. coil		Temperature of air on condenser coil																	
		Return dry bulb temperature (°F)																	
CFM	WB (°F)	90			85			80			75			70			65		
		TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)
45 (°F)																			
3750	77	106.3	5.3	9.5	111.5	4.3	7.7	110.6	1.2	7.7	-	-	-	-	-	-	-	-	-
	72	97.4	32.0	8.9	97.3	13.3	8.9	102.7	5.1	7.3	102.0	0.1	7.3	-	-	-	-	-	-
	67	90.6	60.1	8.4	89.9	40.7	8.4	89.1	21.2	8.4	88.9	2.0	8.4	94.0	10.0	6.9	-	-	-
	62	84.8	84.2	7.9	83.5	68.8	7.9	83.0	49.4	7.9	82.3	29.6	7.9	86.8	19.2	6.7	86.0	9.7	6.7
	57	84.7	84.3	7.8	80.5	80.1	7.6	76.3	76.1	7.5	75.8	56.8	7.5	75.1	36.9	7.5	74.4	16.7	7.5
4500	77	110.9	9.1	9.3	116.5	0.7	7.6	115.2	2.1	7.5	-	-	-	-	-	-	-	-	-
	72	102.6	39.4	8.7	102.4	17.4	8.7	107.5	7.4	7.2	106.5	0.3	7.2	-	-	-	-	-	-
	67	95.3	71.8	8.2	94.9	49.2	8.2	94.0	26.1	8.2	93.8	3.5	8.2	98.0	11.2	6.8	-	-	-
	62	92.0	91.6	7.9	88.7	81.6	7.8	87.7	58.2	7.8	87.0	35.0	7.8	91.0	21.8	6.6	89.9	10.9	6.6
	57	91.8	91.7	7.9	87.2	87.1	7.7	82.5	82.1	7.4	80.0	66.1	7.4	79.5	42.7	7.4	78.7	19.1	7.4
5250	77	115.1	13.8	9.1	119.5	2.0	7.5	118.5	3.1	7.4	-	-	-	-	-	-	-	-	-
	72	106.6	47.8	8.6	106.5	22.3	8.6	111.1	9.9	7.1	109.6	0.6	7.1	-	-	-	-	-	-
	67	99.3	83.4	8.1	98.4	57.4	8.1	97.5	31.1	8.1	97.1	5.1	8.1	100.9	12.4	6.8	-	-	-
	62	97.9	97.2	7.9	92.9	92.1	7.7	91.1	66.9	7.7	90.4	40.3	7.7	94.3	24.4	6.5	92.9	12.1	6.5
	57	97.7	97.3	7.9	92.8	92.6	7.7	87.7	87.3	7.5	83.3	75.5	7.3	82.7	48.4	7.3	81.8	21.1	7.3

Table 45: AW15 hot gas reheat capacity performance (45°F)

Air on evap. coil		Temperature of air on condenser coil																	
		Return dry bulb temperature (°F)																	
CFM	WB (°F)	90			85			80			75			70			65		
		TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)
6000	77	135.7	52.2	8.0	123.9	5.3	7.3	120.8	4.0	7.3	-	-	-	-	-	-	-	-	-
	72	110.4	56.2	8.5	109.5	27.2	8.4	113.6	11.8	7.0	111.9	0.8	7.0	-	-	-	-	-	-
	67	102.3	93.5	8.0	101.0	64.5	8.0	100.2	35.0	8.0	99.6	5.9	8.0	103.2	13.2	6.7	-	-	-
	62	102.6	101.2	7.9	97.5	95.7	7.7	93.9	75.8	7.6	93.0	45.5	7.6	96.5	26.6	6.5	94.6	12.9	6.5
	57	102.4	101.0	7.9	97.2	95.3	7.7	92.0	89.6	7.5	86.7	82.8	7.3	84.8	53.6	7.3	84.1	23.3	7.3
6750	77	120.9	21.5	8.8	147.7	43.1	8.1	123.4	4.7	7.2	-	-	-	-	-	-	-	-	-
	72	111.8	63.7	8.4	111.6	32.1	8.4	115.8	13.7	7.0	112.2	1.0	7.0	-	-	-	-	-	-
	67	105.9	102.8	8.0	103.4	72.7	8.0	102.2	39.9	7.9	101.7	7.3	7.9	105.6	14.6	6.7	-	-	-
	62	106.6	102.2	8.0	100.9	96.7	7.7	96.0	83.4	7.6	95.0	50.4	7.6	98.8	29.3	6.4	96.3	13.9	6.4
	57	106.2	102.0	8.0	100.8	96.9	7.7	95.5	90.9	7.5	89.9	84.9	7.3	86.9	59.0	7.2	85.7	24.9	7.2
7500	77	123.1	25.5	8.7	150.0	48.7	8.1	125.3	5.2	7.2	-	-	-	-	-	-	-	-	-
	72	114.0	71.3	8.3	113.3	36.3	8.3	117.6	15.2	6.9	113.8	1.3	6.9	-	-	-	-	-	-
	67	109.4	103.4	8.0	105.0	80.3	7.9	103.8	44.3	7.9	103.2	8.8	7.9	107.6	15.9	6.6	-	-	-
	62	110.0	103.8	8.0	103.9	96.6	7.8	98.7	88.4	7.5	96.5	53.6	7.5	100.6	32.0	6.4	98.1	14.7	6.4
	57	109.8	103.7	8.0	103.9	96.2	7.7	98.3	91.2	7.5	92.6	85.0	7.3	88.5	64.3	7.2	87.2	26.4	7.2

Table 46: AW15 hot gas reheat capacity performance (35°F)

Air on evap. coil		Temperature of air on condenser coil																	
		Return dry bulb temperature (°F)																	
CFM	WB (°F)	90			85			80			75			70			65		
		TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)
35 (°F)																			
3750	77	111.9	8.5	8.7	136.0	22.7	7.9	106.4	4.4	8.3	-	-	-	-	-	-	-	-	-
	72	103.5	36.1	8.2	102.8	16.9	8.2	99.9	12.8	8.0	103.9	0.9	6.7	-	-	-	-	-	-
	67	95.8	64.5	7.6	95.6	45.2	7.6	94.9	25.6	7.7	94.3	5.9	7.7	97.5	10.1	6.3	-	-	-
	62	89.0	88.3	7.2	87.9	72.4	7.2	87.7	53.2	7.2	86.9	33.2	7.2	91.2	20.3	6.1	89.5	11.5	6.1
	57	90.2	90.0	7.2	85.5	85.1	7.0	81.7	81.0	6.8	81.3	61.3	6.8	80.2	40.9	6.9	79.6	20.7	6.8
4500	77	118.2	13.4	8.5	143.7	28.2	7.8	112.6	5.3	8.1	-	-	-	-	-	-	-	-	-
	72	109.4	43.8	8.0	108.6	21.0	8.0	105.7	15.3	7.8	110.0	1.1	6.6	-	-	-	-	-	-
	67	101.5	76.3	7.5	101.0	53.8	7.5	100.5	30.6	7.5	99.7	7.8	7.5	103.0	11.6	6.2	-	-	-
	62	96.5	96.1	7.2	93.3	84.9	7.1	92.7	62.2	7.1	92.0	38.9	7.1	96.3	23.3	6.0	94.4	12.8	6.0
	57	98.2	98.0	7.2	92.5	92.2	7.0	87.9	87.1	6.8	85.8	70.8	6.7	84.7	46.8	6.7	84.0	23.1	6.7
5250	77	123.0	18.4	8.3	149.7	35.1	7.6	117.0	6.2	8.0	-	-	-	-	-	-	-	-	-
	72	114.0	52.3	7.8	113.1	26.1	7.8	109.9	18.0	7.7	114.1	1.3	6.5	-	-	-	-	-	-
	67	105.9	88.5	7.4	105.1	62.5	7.4	104.5	36.0	7.4	103.5	9.1	7.4	107.1	13.0	6.1	-	-	-
	62	102.7	102.1	7.2	97.8	96.0	7.0	96.3	71.0	7.0	95.7	44.5	7.0	100.1	26.2	5.9	98.1	14.2	5.9
	57	104.2	104.1	7.2	98.4	98.2	7.0	93.3	92.8	6.8	89.5	80.2	6.7	88.0	52.6	6.7	87.3	25.6	6.7
6000	77	128.3	23.5	8.1	153.6	41.9	7.5	120.5	7.1	7.9	-	-	-	-	-	-	-	-	-
	72	117.4	60.8	7.7	116.1	31.2	7.7	113.2	20.6	7.6	117.4	1.5	6.4	-	-	-	-	-	-
	67	109.4	98.7	7.3	108.3	69.9	7.3	107.6	41.1	7.3	106.5	10.4	7.3	110.2	14.4	6.1	-	-	-
	62	108.2	106.9	7.2	102.7	100.7	7.0	99.4	79.7	6.9	98.6	49.8	6.9	103.0	29.0	5.9	100.9	15.5	5.9
	57	109.7	108.3	7.2	103.4	101.4	7.0	97.6	95.4	6.8	92.7	87.9	6.6	90.6	58.3	6.6	89.8	27.9	6.6
6750	77	129.0	26.2	8.0	157.2	48.1	7.4	123.2	7.8	7.8	-	-	-	-	-	-	-	-	-
	72	120.0	68.7	7.6	118.8	35.8	7.6	115.7	22.7	7.5	119.7	1.8	6.3	-	-	-	-	-	-
	67	113.1	108.4	7.2	110.8	78.2	7.2	110.0	45.3	7.2	108.5	12.7	7.2	112.6	15.6	6.0	-	-	-
	62	112.7	108.2	7.2	106.4	102.5	7.0	101.7	88.0	6.9	100.7	54.6	6.9	105.3	31.4	5.8	103.1	16.5	5.8
	57	114.2	109.7	7.2	107.4	103.2	7.0	101.7	96.9	6.8	96.1	90.9	6.6	92.6	63.2	6.6	91.7	29.6	6.5
7500	77	131.2	30.2	7.9	159.8	54.2	7.3	125.3	8.6	7.7	-	-	-	-	-	-	-	-	-
	72	121.6	76.3	7.5	120.7	40.4	7.5	117.6	25.1	7.5	121.9	1.9	6.3	-	-	-	-	-	-
	67	116.2	110.7	7.2	112.9	86.1	7.2	111.8	50.0	7.1	110.5	13.3	7.1	114.7	16.9	6.0	-	-	-
	62	117.0	111.1	7.2	110.2	102.3	7.0	104.1	92.7	6.8	102.5	57.9	6.8	107.3	34.0	5.8	105.7	17.9	5.8
	57	119.6	113.3	7.2	111.0	103.0	7.0	104.9	96.5	6.8	98.9	91.1	6.6	94.3	68.4	6.5	94.0	32.2	6.5

AW18 hot gas reheat capacity performance

Table 47: AW18 hot gas reheat capacity performance (85°F)

Air on evap. coil		Temperature of air on condenser coil																	
		Return dry bulb temperature (°F)																	
CFM	WB (°F)	90			85			80			75			70			65		
		TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)
85 (°F)																			
4375	77	105.2	11.3	13.0	110.2	0.4	11.2	116.3	1.1	11.2	-	-	-	-	-	-	-	-	-
	72	95.9	25.0	12.5	95.0	3.7	12.5	100.1	3.7	10.9	105.7	0.5	10.9	-	-	-	-	-	-
	67	87.4	55.1	12.0	86.9	33.9	12.0	86.2	12.5	12.0	90.7	3.2	10.6	89.7	0.2	10.6	-	-	-
	62	83.3	74.1	11.7	79.2	63.7	11.6	78.5	42.1	11.6	77.8	20.4	11.6	76.8	2.6	11.6	80.7	1.6	10.3
	57	83.2	74.4	11.7	78.2	70.2	11.5	73.3	66.1	11.2	70.4	50.0	11.2	69.8	27.9	11.2	69.1	5.8	11.2
5250	77	109.5	2.1	12.7	114.4	2.4	11.0	120.2	2.1	11.0	-	-	-	-	-	-	-	-	-
	72	100.6	34.9	12.3	99.7	10.2	12.2	104.2	6.2	10.7	108.7	1.2	10.7	-	-	-	-	-	-
	67	92.1	68.4	11.8	90.9	43.2	11.8	90.3	18.1	11.8	94.2	5.7	10.4	92.9	0.1	10.4	-	-	-
	62	90.1	79.5	11.7	84.7	75.0	11.4	82.3	52.8	11.4	81.6	27.1	11.4	80.7	1.4	11.4	84.0	0.4	10.2
	57	90.2	79.8	11.7	84.6	75.3	11.4	79.2	70.7	11.2	74.3	61.2	11.0	73.6	35.2	11.0	72.5	8.9	11.0
6125	77	113.0	7.9	12.5	117.3	5.0	10.8	122.3	0.2	10.8	-	-	-	-	-	-	-	-	-
	72	103.5	44.9	12.1	102.8	16.3	12.0	107.0	2.2	10.6	112.1	2.3	10.5	-	-	-	-	-	-
	67	96.0	81.5	11.7	94.4	53.6	11.7	93.5	24.6	11.6	97.2	8.8	10.3	95.6	0.4	10.3	-	-	-
	62	95.7	82.7	11.7	89.8	78.4	11.4	85.4	63.5	11.3	84.3	33.8	11.3	83.3	4.1	11.2	86.1	3.1	10.1
	57	95.8	83.0	11.7	89.8	78.8	11.4	83.9	73.9	11.2	78.2	69.1	11.0	76.0	42.0	10.9	75.0	12.0	10.9
7000	77	115.4	12.2	12.3	119.6	7.7	10.7	124.6	0.8	10.7	-	-	-	-	-	-	-	-	-
	72	106.4	54.5	11.9	105.3	22.1	11.9	109.1	4.9	10.5	113.2	3.5	10.4	-	-	-	-	-	-
	67	100.6	86.3	11.6	96.8	63.7	11.5	95.5	30.6	11.5	99.0	11.7	10.2	97.2	0.6	10.2	-	-	-
	62	100.5	86.6	11.6	94.1	79.8	11.4	88.0	71.5	11.2	86.6	38.8	11.2	85.5	5.4	11.1	87.8	4.4	10.0
	57	100.4	86.8	11.6	94.1	80.2	11.4	87.8	75.8	11.1	81.8	70.6	10.9	78.0	48.8	10.8	76.8	14.6	10.8
7875	77	117.3	17.2	12.1	121.1	10.3	10.6	125.9	1.4	10.6	-	-	-	-	-	-	-	-	-
	72	108.4	63.6	11.8	107.1	27.4	11.8	110.7	7.1	10.4	114.4	4.4	10.3	-	-	-	-	-	-
	67	104.2	87.5	11.6	98.4	73.0	11.4	97.3	36.2	11.4	100.6	14.0	10.1	98.4	1.1	10.1	-	-	-
	62	104.2	88.1	11.6	97.6	81.4	11.4	91.2	74.9	11.1	88.4	45.1	11.1	87.1	7.8	11.0	89.0	6.8	9.9
	57	104.1	88.6	11.6	97.6	82.0	11.4	91.1	75.3	11.1	84.7	71.3	10.9	79.6	55.1	10.8	78.4	16.9	10.7
8750	77	118.9	21.7	12.0	122.5	1.4	10.5	126.5	1.7	10.5	-	-	-	-	-	-	-	-	-
	72	109.7	71.7	11.7	108.3	32.2	11.6	111.8	8.5	10.3	115.1	5.0	10.3	-	-	-	-	-	-
	67	107.7	88.6	11.6	100.8	80.2	11.3	98.9	41.5	11.3	101.7	15.8	10.1	99.4	1.4	10.1	-	-	-
	62	107.7	89.2	11.6	100.7	82.2	11.3	93.9	75.3	11.1	89.9	50.3	11.0	88.2	9.3	11.0	89.8	8.3	9.9
	57	107.6	89.8	11.6	100.6	82.7	11.3	93.9	75.8	11.1	87.1	70.9	10.9	81.0	60.3	10.7	79.7	18.7	10.7

Table 48: AW18 hot gas reheat capacity performance (75°F)

Air on evap. coil		Temperature of air on condenser coil																	
		Return dry bulb temperature (°F)																	
CFM	WB (°F)	90			85			80			75			70			65		
		TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)
75 (°F)																			
4375	77	111.7	13.6	12.1	117.3	1.3	10.3	123.2	1.9	10.3	-	-	-	-	-	-	-	-	-
	72	102.4	28.2	11.7	101.5	7.1	11.6	106.4	5.5	10.0	111.9	1.7	10.0	-	-	-	-	-	-
	67	93.6	58.4	11.2	92.8	37.3	11.2	91.9	15.8	11.2	96.3	6.3	9.8	95.1	0.1	9.7	-	-	-
	62	88.7	79.1	10.9	84.9	67.2	10.8	84.0	45.6	10.8	82.9	23.9	10.8	81.8	2.0	10.8	85.5	1.0	9.5
	57	88.7	79.2	10.9	83.2	74.9	10.7	78.0	70.6	10.5	75.3	53.3	10.4	74.4	31.4	10.4	73.4	9.2	10.4
5250	77	116.8	5.4	11.8	121.8	3.9	10.1	127.2	0.3	10.1	-	-	-	-	-	-	-	-	-
	72	107.5	38.4	11.4	106.4	13.6	11.4	110.8	2.7	9.9	115.7	2.6	9.8	-	-	-	-	-	-
	67	98.8	72.1	11.0	97.6	46.9	11.0	96.5	21.6	11.0	100.4	9.0	9.6	98.8	0.6	9.6	-	-	-
	62	96.2	84.7	10.9	90.1	80.0	10.6	88.0	56.3	10.6	87.1	30.8	10.6	86.0	4.9	10.6	89.0	3.9	9.4
	57	96.1	85.1	10.9	90.1	80.4	10.6	84.3	75.6	10.4	79.4	64.8	10.3	78.4	38.8	10.3	77.2	12.5	10.2
6125	77	120.6	11.3	11.6	125.1	6.9	10.0	129.9	1.2	9.9	-	-	-	-	-	-	-	-	-
	72	110.9	48.6	11.2	110.0	19.9	11.2	113.9	5.9	9.7	118.4	4.0	9.7	-	-	-	-	-	-
	67	102.3	85.9	10.9	101.2	57.4	10.8	99.9	28.2	10.8	103.3	12.2	9.5	101.5	1.3	9.5	-	-	-
	62	102.1	88.0	10.8	95.7	83.8	10.6	91.6	67.4	10.5	90.2	37.5	10.5	88.9	7.7	10.4	91.4	6.7	9.3
	57	102.0	88.3	10.8	95.6	84.2	10.6	89.4	79.1	10.4	83.2	74.5	10.2	81.0	45.6	10.1	79.9	15.7	10.1

Table 48: AW18 hot gas reheat capacity performance (75°F)

Air on evap. coil		Temperature of air on condenser coil																	
		Return dry bulb temperature (°F)																	
CFM	WB (°F)	90			85			80			75			70			65		
		TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)
7000	77	123.5	17.0	11.4	127.5	1.9	9.8	132.3	2.2	9.8	-	-	-	-	-	-	-	-	-
	72	113.9	58.2	11.1	112.6	25.8	11.0	116.3	8.6	9.6	118.7	5.2	9.6	-	-	-	-	-	-
	67	107.2	91.0	10.8	103.7	67.2	10.7	102.2	34.2	10.7	104.7	14.8	9.4	103.3	2.0	9.4	-	-	-
	62	107.1	91.6	10.8	100.3	85.3	10.6	93.9	75.9	10.4	92.4	42.5	10.4	91.2	10.4	10.3	93.3	9.4	9.2
	57	107.1	92.0	10.8	100.2	85.7	10.6	93.6	81.4	10.3	87.0	75.9	10.1	83.3	52.5	10.1	81.9	18.5	10.0
7875	77	125.4	20.7	11.3	128.5	1.9	9.7	133.3	2.7	9.7	-	-	-	-	-	-	-	-	-
	72	116.1	67.4	10.9	114.6	31.1	10.9	117.8	10.4	9.5	121.4	6.3	9.5	-	-	-	-	-	-
	67	111.4	93.4	10.7	105.6	76.4	10.6	104.1	40.0	10.6	107.1	17.5	9.3	104.7	2.1	9.3	-	-	-
	62	111.3	93.8	10.7	104.1	87.1	10.5	97.1	80.4	10.3	94.5	48.7	10.3	92.7	11.2	10.2	94.6	10.2	9.1
	57	111.2	94.6	10.7	104.0	87.7	10.5	97.1	82.3	10.3	90.2	76.8	10.1	84.7	58.8	10.0	83.4	20.8	10.0
8750	77	127.2	26.7	11.1	130.3	5.0	9.6	135.7	3.3	9.6	-	-	-	-	-	-	-	-	-
	72	117.6	75.4	10.8	116.2	36.0	10.8	119.4	12.4	9.4	122.8	6.8	9.4	-	-	-	-	-	-
	67	114.6	94.5	10.7	107.5	84.8	10.5	105.0	46.0	10.5	108.5	19.3	9.2	105.8	2.7	9.2	-	-	-
	62	114.8	95.2	10.7	107.4	88.0	10.5	100.1	80.8	10.3	95.9	54.5	10.2	94.1	13.2	10.2	95.6	12.2	9.1
	57	114.8	96.7	10.7	107.3	88.6	10.5	100.0	81.6	10.3	93.0	76.6	10.1	86.3	64.4	9.9	84.8	22.6	9.9

Table 49: AW18 hot gas reheat capacity performance (65°F)

Air on evap. coil		Temperature of air on condenser coil																	
		Return dry bulb temperature (°F)																	
CFM	WB (°F)	90			85			80			75			70			65		
		TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)
65 (°F)																			
4375	77	118.7	2.6	11.3	124.4	2.7	9.5	129.9	0.5	9.5	-	-	-	-	-	-	-	-	-
	72	109.2	31.7	10.8	108.1	10.4	10.8	112.9	3.1	9.2	118.5	3.8	9.2	-	-	-	-	-	-
	67	99.8	61.9	10.4	99.2	40.8	10.4	98.2	19.3	10.4	102.6	10.1	9.0	101.2	0.8	8.9	-	-	-
	62	94.0	83.6	10.1	90.6	70.4	10.0	89.8	49.1	10.0	88.8	27.3	10.0	87.6	5.3	10.0	91.0	4.3	8.7
	57	93.9	84.0	10.1	88.3	79.3	9.9	83.0	75.0	9.7	80.8	56.8	9.7	80.0	34.9	9.7	79.0	12.6	9.6
5250	77	124.3	8.9	11.0	129.3	0.4	9.3	134.5	1.4	9.2	-	-	-	-	-	-	-	-	-
	72	114.9	42.3	10.6	113.5	17.1	10.5	117.8	6.0	9.0	122.5	4.8	9.0	-	-	-	-	-	-
	67	105.6	76.5	10.2	104.2	50.6	10.2	103.2	25.1	10.2	107.0	12.9	8.8	105.4	1.7	8.8	-	-	-
	62	101.9	89.8	10.1	95.9	85.0	9.8	93.9	59.8	9.9	93.4	34.5	9.8	92.2	8.5	9.8	95.3	7.5	8.6
	57	101.8	90.2	10.1	95.7	85.3	9.8	89.8	80.4	9.6	85.3	68.4	9.5	84.3	42.4	9.5	83.2	16.2	9.5
6125	77	128.4	15.0	10.7	132.9	3.4	9.1	137.4	3.1	9.1	-	-	-	-	-	-	-	-	-
	72	118.4	52.3	10.4	117.1	23.3	10.3	121.2	9.9	8.9	126.1	6.6	8.9	-	-	-	-	-	-
	67	109.2	89.8	10.0	108.1	61.0	10.0	106.9	31.8	10.0	110.4	16.5	8.7	108.3	2.6	8.7	-	-	-
	62	108.3	93.4	10.0	101.7	89.0	9.8	98.0	70.7	9.7	96.7	41.2	9.7	95.4	11.3	9.7	98.0	10.3	8.5
	57	108.2	93.8	10.0	101.5	89.4	9.8	95.2	84.3	9.6	89.0	78.8	9.4	87.3	49.6	9.4	85.8	19.2	9.4
7000	77	131.4	20.7	10.5	135.5	6.1	9.0	139.9	4.2	8.9	-	-	-	-	-	-	-	-	-
	72	121.5	62.0	10.2	120.2	29.5	10.2	123.8	12.7	8.8	127.4	8.0	8.7	-	-	-	-	-	-
	67	113.9	96.6	9.9	111.1	71.2	9.9	109.5	38.1	9.9	112.5	19.2	8.6	110.4	2.4	8.6	-	-	-
	62	113.6	97.2	9.9	106.7	90.6	9.8	100.5	79.8	9.6	99.4	46.3	9.6	96.5	11.7	9.6	100.1	10.7	8.4
	57	113.5	97.7	9.9	106.5	91.0	9.7	99.7	86.8	9.5	93.1	81.2	9.4	89.8	56.3	9.3	88.4	22.1	9.3
7875	77	133.8	25.9	10.4	137.5	8.3	8.9	141.4	5.1	8.8	-	-	-	-	-	-	-	-	-
	72	124.0	71.4	10.1	122.4	35.0	10.0	125.6	14.9	8.7	129.6	9.1	8.6	-	-	-	-	-	-
	67	118.4	99.3	9.9	113.0	80.2	9.8	111.5	43.9	9.7	114.6	21.9	8.5	112.0	3.5	8.5	-	-	-
	62	118.0	99.7	9.9	110.7	92.8	9.7	103.5	87.4	9.5	101.3	52.5	9.5	99.6	14.9	9.4	101.6	13.9	8.3
	57	117.9	100.3	9.9	110.5	93.2	9.7	103.4	88.0	9.5	96.5	82.2	9.3	91.8	62.5	9.2	90.1	24.6	9.2
8750	77	135.5	30.4	10.3	139.0	9.1	8.8	142.9	5.5	8.7	-	-	-	-	-	-	-	-	-
	72	125.8	79.4	10.0	124.1	39.8	9.9	126.8	16.3	8.6	130.5	9.6	8.6	-	-	-	-	-	-
	67	122.2	100.7	9.8	114.7	89.3	9.7	112.5	48.2	9.7	115.9	23.7	8.4	113.2	4.3	8.4	-	-	-
	62	121.9	101.2	9.8	114.6	94.3	9.6	106.7	86.6	9.5	102.9	58.3	9.4	101.1	16.9	9.4	102.7	15.9	8.3
	57	121.8	101.6	9.8	115.0	94.5	9.6	106.7	87.3	9.5	99.3	82.2	9.3	92.9	66.8	9.1	91.5	26.5	9.1

Table 50: AW18 hot gas reheat capacity performance (55°F)

Air on evap. coil		Temperature of air on condenser coil																	
		Return dry bulb temperature (°F)																	
CFM	WB (°F)	90			85			80			75			70			65		
		TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)
55 (°F)																			
4375	77	125.0	5.8	10.4	131.2	1.1	8.7	138.4	2.6	8.6	-	-	-	-	-	-	-	-	-
	72	115.6	35.1	10.0	114.1	13.5	10.0	120.4	7.8	8.4	129.1	7.9	8.4	-	-	-	-	-	-
	67	105.6	65.0	9.6	105.5	44.4	9.6	104.8	23.1	9.6	110.4	15.6	8.2	109.1	2.0	8.2	-	-	-
	62	98.7	87.8	9.4	96.2	73.8	9.3	95.2	52.3	9.3	94.4	30.7	9.2	93.3	8.7	9.2	97.2	7.7	8.0
	57	99.4	88.8	9.3	93.1	83.7	9.2	87.6	79.2	9.0	85.9	60.0	8.9	85.2	38.2	8.9	84.3	16.0	8.9
5250	77	130.8	12.3	10.1	136.4	4.5	8.4	143.0	4.4	8.4	-	-	-	-	-	-	-	-	-
	72	121.4	45.6	9.7	119.6	20.1	9.7	125.6	11.5	8.2	134.2	9.2	8.2	-	-	-	-	-	-
	67	111.4	78.7	9.4	111.0	54.2	9.4	110.4	30.1	9.4	115.4	18.6	8.0	113.8	3.0	8.0	-	-	-
	62	107.0	94.5	9.3	101.1	88.9	9.1	100.0	63.3	9.1	99.3	37.8	9.1	98.1	11.8	9.0	101.5	10.8	7.8
	57	107.8	95.4	9.3	100.8	89.9	9.1	94.8	85.0	8.9	90.8	71.7	8.8	89.9	45.8	8.8	88.6	19.5	8.8
6125	77	135.2	18.3	9.9	140.3	7.9	8.3	146.3	6.2	8.2	-	-	-	-	-	-	-	-	-
	72	125.4	55.9	9.5	123.6	26.7	9.5	129.3	14.9	8.1	138.0	11.2	8.1	-	-	-	-	-	-
	67	115.1	92.9	9.2	114.8	64.7	9.2	114.3	35.9	9.2	119.2	22.4	7.9	117.3	4.2	7.9	-	-	-
	62	113.8	99.3	9.2	107.4	93.8	9.0	104.2	74.3	8.9	103.0	44.8	8.9	101.7	14.9	8.9	104.5	13.9	7.7
	57	114.6	100.3	9.2	107.1	94.3	9.0	100.7	89.0	8.8	94.3	82.8	8.7	93.1	53.0	8.6	92.0	22.9	8.6
7000	77	138.4	24.0	9.7	143.1	10.6	8.1	148.5	7.6	8.1	-	-	-	-	-	-	-	-	-
	72	128.5	65.8	9.4	126.3	31.9	9.4	132.0	18.0	7.9	140.4	13.2	7.9	-	-	-	-	-	-
	67	119.4	101.5	9.1	118.3	75.1	9.1	117.3	42.3	9.1	121.9	25.7	7.8	119.8	5.2	7.8	-	-	-
	62	119.4	102.1	9.1	112.6	97.0	8.9	106.7	83.2	8.8	105.8	49.9	8.8	104.3	17.6	8.8	106.7	16.6	7.6
	57	120.1	103.3	9.1	112.3	97.4	8.9	105.3	91.7	8.8	98.6	86.1	8.6	95.7	59.9	8.5	94.4	25.7	8.5
7875	77	140.9	29.3	9.5	145.5	13.1	8.0	149.7	8.7	8.0	-	-	-	-	-	-	-	-	-
	72	130.8	74.9	9.2	128.5	38.2	9.2	133.8	20.4	7.8	142.3	14.2	7.8	-	-	-	-	-	-
	67	124.0	104.1	9.1	120.5	84.4	9.0	119.6	48.2	8.9	123.9	28.2	7.7	121.7	5.3	7.7	-	-	-
	62	123.8	104.9	9.1	116.9	98.2	8.9	109.5	92.6	8.7	107.8	56.1	8.7	106.4	18.8	8.7	108.4	17.8	7.6
	57	124.9	106.2	9.1	116.5	98.3	8.9	109.3	93.3	8.7	102.1	87.2	8.5	97.9	66.3	8.5	96.3	28.3	8.4
8750	77	142.6	32.8	9.4	147.1	13.0	7.9	151.9	8.8	7.9	-	-	-	-	-	-	-	-	-
	72	132.9	83.3	9.1	130.5	43.1	9.1	135.7	21.7	7.8	143.0	15.1	7.7	-	-	-	-	-	-
	67	127.7	105.4	9.0	121.6	94.9	8.9	121.3	53.3	8.8	125.3	30.6	7.6	123.0	6.1	7.6	-	-	-
	62	127.6	106.1	9.0	120.6	99.3	8.8	112.9	91.9	8.7	109.8	62.0	8.6	108.0	20.7	8.6	109.8	19.7	7.5
	57	128.7	107.6	9.0	120.2	99.7	8.8	112.7	92.5	8.7	105.3	87.4	8.5	99.3	70.3	8.4	98.0	30.2	8.4

Table 51: AW18 hot gas reheat capacity performance (45°F)

Air on evap. coil		Temperature of air on condenser coil																	
		Return dry bulb temperature (°F)																	
CFM	WB (°F)	90			85			80			75			70			65		
		TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)
45 (°F)																			
4375	77	131.6	9.0	9.6	137.2	4.4	7.9	136.4	5.9	7.8	-	-	-	-	-	-	-	-	-
	72	120.9	38.0	9.2	120.3	17.1	9.2	137.4	12.3	7.2	130.8	9.5	7.6	-	-	-	-	-	-
	67	111.4	68.6	8.8	110.5	47.3	8.8	109.5	25.9	8.8	114.7	18.1	7.4	113.6	3.7	7.4	-	-	-
	62	104.3	92.6	8.6	102.2	77.5	8.5	101.4	56.2	8.5	100.5	34.5	8.5	99.5	12.5	8.5	103.7	2.7	7.2
	57	103.9	92.9	8.6	98.4	88.5	8.4	93.0	83.9	8.2	91.9	64.0	8.2	91.1	42.0	8.2	90.2	19.9	8.2
5250	77	138.1	15.7	9.3	143.0	7.9	7.6	141.6	7.0	7.5	-	-	-	-	-	-	-	-	-
	72	127.1	48.8	8.9	126.6	23.9	8.9	131.3	15.1	7.4	135.9	10.7	7.4	-	-	-	-	-	-
	67	117.0	82.0	8.6	116.0	58.2	8.6	115.0	32.7	8.6	119.9	21.2	7.2	118.7	5.0	7.2	-	-	-
	62	112.9	99.5	8.5	107.5	92.6	8.3	106.7	67.4	8.3	105.9	41.8	8.3	104.8	15.9	8.3	108.2	2.7	7.1
	57	112.8	99.6	8.5	106.6	95.0	8.3	100.6	90.0	8.1	97.1	75.6	8.0	96.3	50.0	8.0	95.2	23.8	8.0
6125	77	143.0	22.0	9.0	147.5	11.4	7.4	140.9	0.1	7.4	-	-	-	-	-	-	-	-	-
	72	131.4	59.2	8.7	130.9	30.7	8.7	129.5	1.7	8.7	139.4	12.5	7.2	-	-	-	-	-	-
	67	121.1	97.0	8.4	120.2	67.8	8.4	119.1	38.6	8.4	123.7	24.8	7.1	122.0	6.4	7.1	-	-	-
	62	119.6	104.3	8.4	113.3	99.1	8.2	110.9	78.3	8.2	109.7	48.9	8.1	108.7	19.2	8.1	111.8	3.0	6.9
	57	119.4	104.9	8.4	113.2	99.7	8.2	106.6	94.3	8.1	100.7	87.1	7.9	100.0	57.3	7.9	98.8	27.2	7.9

Table 51: AW18 hot gas reheat capacity performance (45°F)

Air on evap. coil		Temperature of air on condenser coil																	
		Return dry bulb temperature (°F)																	
CFM	WB (°F)	90			85			80			75			70			65		
		TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)
7000	77	146.4	27.9	8.8	150.7	14.3	7.2	148.3	0.4	7.2	-	-	-	-	-	-	-	-	-
	72	135.0	69.1	8.5	134.5	36.3	8.5	132.8	4.2	8.5	141.8	14.6	7.1	-	-	-	-	-	-
	67	125.3	106.4	8.3	123.4	78.2	8.3	122.2	45.3	8.3	126.3	28.1	7.0	124.6	7.5	7.0	-	-	-
	62	125.8	107.5	8.3	118.6	102.2	8.2	113.5	87.2	8.0	112.5	54.1	8.0	111.4	21.9	8.0	115.3	2.9	6.8
	57	125.1	107.7	8.3	118.3	102.5	8.2	111.8	97.2	8.0	105.0	91.7	7.8	102.6	64.1	7.8	101.6	30.3	7.8
7875	77	149.1	33.3	8.6	152.9	16.6	7.1	150.1	0.8	7.2	-	-	-	-	-	-	-	-	-
	72	137.4	78.6	8.4	137.0	42.5	8.4	135.4	6.3	8.3	144.3	15.8	7.0	-	-	-	-	-	-
	67	130.1	109.2	8.3	126.0	87.2	8.2	124.5	51.1	8.1	128.8	30.8	6.9	126.1	7.6	6.9	-	-	-
	62	130.6	110.3	8.3	123.1	103.5	8.1	116.2	96.9	7.9	114.9	60.1	7.9	113.7	23.2	7.9	115.9	1.1	6.8
	57	130.2	111.6	8.2	122.8	103.7	8.1	115.8	98.7	7.9	108.9	93.1	7.8	105.0	71.0	7.7	103.7	32.9	7.7
8750	77	151.0	38.0	8.5	154.9	16.8	7.0	151.7	1.1	7.0	-	-	-	-	-	-	-	-	-
	72	139.8	86.7	8.3	138.9	47.7	8.3	137.4	7.8	8.2	146.0	15.4	6.9	-	-	-	-	-	-
	67	134.3	111.1	8.2	126.9	96.5	8.1	126.6	56.4	8.0	130.5	31.9	6.8	127.9	8.5	6.8	-	-	-
	62	134.9	110.8	8.2	127.0	104.5	8.0	119.4	97.3	7.9	116.6	66.0	7.8	115.2	25.2	7.8	117.4	24.2	6.7
	57	134.2	112.6	8.2	126.7	105.0	8.0	119.2	98.0	7.9	112.1	93.3	7.7	106.6	75.0	7.6	105.3	34.8	7.6

Table 52: AW18 hot gas reheat capacity performance (35°F)

Air on evap. coil		Temperature of air on condenser coil																	
		Return dry bulb temperature (°F)																	
CFM	WB (°F)	90			85			80			75			70			65		
		TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)
35 (°F)																			
4375	77	139.5	13.0	8.7	144.9	8.9	7.2	150.2	7.7	6.8	-	-	-	-	-	-	-	-	-
	72	127.7	42.7	8.4	127.0	21.2	8.3	132.5	15.3	6.9	131.3	60.5	6.8	-	-	-	-	-	-
	67	117.8	72.8	8.0	117.0	51.4	8.0	116.8	30.4	8.0	139.5	47.8	6.8	120.2	0.7	6.6	-	-	-
	62	125.2	102.0	8.4	107.1	81.0	7.7	106.5	59.7	7.7	105.4	37.8	7.7	104.6	15.9	7.7	109.1	6.5	6.5
	57	110.2	102.3	7.8	103.7	93.1	7.6	98.5	88.6	7.5	97.9	68.1	7.5	96.5	45.8	7.5	95.7	23.6	7.5
5250	77	146.4	19.8	8.4	151.6	12.8	6.8	150.3	8.6	6.7	-	-	-	-	-	-	-	-	-
	72	134.8	52.8	8.1	150.3	45.6	7.5	137.7	17.9	6.7	137.0	15.1	6.5	-	-	-	-	-	-
	67	94.5	80.4	9.4	142.3	89.9	7.1	122.5	37.1	7.8	126.9	26.2	6.4	125.4	4.3	6.4	-	-	-
	62	134.8	129.3	8.8	112.3	95.7	7.6	112.3	71.2	7.5	111.4	45.4	7.5	110.4	15.2	7.5	114.0	7.0	6.3
	57	144.4	144.1	7.7	112.2	99.8	7.5	106.2	94.8	7.4	103.3	79.9	7.3	101.7	53.6	7.3	100.8	27.4	7.3
6125	77	151.8	29.6	8.1	156.3	16.3	6.6	152.1	91.1	6.4	-	-	-	-	-	-	-	-	-
	72	139.7	63.3	7.8	138.6	34.6	7.8	152.8	63.3	5.9	141.1	16.8	6.4	-	-	-	-	-	-
	67	128.9	101.1	7.6	128.1	72.5	7.6	127.1	44.0	7.6	131.3	29.7	6.3	129.4	0.6	6.3	-	-	-
	62	126.0	110.0	7.6	119.0	106.3	7.4	116.5	82.1	7.4	115.7	52.7	7.3	114.6	23.0	7.3	118.1	7.4	6.2
	57	127.1	112.3	7.6	119.3	105.1	7.4	112.9	99.7	7.3	107.1	91.3	7.2	105.8	61.6	7.1	104.8	31.0	7.1
7000	77	155.6	31.7	7.9	160.0	19.5	6.4	157.7	13.5	6.3	-	-	-	-	-	-	-	-	-
	72	143.5	72.4	7.7	142.4	39.8	7.6	146.2	25.9	6.3	144.1	18.6	6.2	-	-	-	-	-	-
	67	132.9	107.1	7.5	132.9	83.3	7.2	130.5	49.7	7.4	134.5	33.3	6.2	132.5	0.5	6.1	-	-	-
	62	131.1	111.2	7.5	124.6	107.5	7.3	120.0	91.6	7.2	118.9	59.4	7.2	117.6	25.6	7.2	120.0	5.7	6.1
	57	133.7	113.2	7.5	125.4	101.9	7.3	118.1	104.6	7.2	111.4	97.0	7.1	108.7	68.4	7.0	107.6	34.3	7.0
7875	77	158.7	37.3	7.7	162.6	21.9	6.3	160.1	85.3	6.2	-	-	-	-	-	-	-	-	-
	72	146.2	81.7	7.5	145.1	47.0	7.5	156.8	69.1	5.8	146.4	20.1	6.1	-	-	-	-	-	-
	67	138.1	110.3	7.4	134.6	87.3	7.3	133.3	56.0	7.3	136.7	36.0	6.0	134.9	10.0	6.0	-	-	-
	62	137.5	109.7	7.4	148.1	147.6	6.9	122.5	101.2	7.1	121.5	64.4	7.1	120.2	27.3	7.1	121.1	5.4	6.0
	57	139.0	110.4	7.4	130.5	105.3	7.3	122.8	106.2	7.1	115.2	98.5	7.0	111.1	74.8	6.9	109.9	35.6	6.9
8750	77	160.8	42.4	7.6	169.5	67.0	9.1	162.0	21.2	6.1	-	-	-	-	-	-	-	-	-
	72	148.7	85.9	7.4	147.4	51.2	7.4	145.6	35.9	7.3	148.3	19.7	6.0	-	-	-	-	-	-
	67	140.3	111.2	7.3	134.5	99.6	7.4	135.4	60.8	7.2	138.2	37.2	6.0	136.6	10.8	6.0	-	-	-
	62	142.0	111.9	7.3	145.1	144.3	9.0	125.9	102.7	7.1	123.4	70.2	7.0	122.1	29.2	7.0	124.4	4.6	5.9
	57	143.7	112.6	7.3	134.7	105.3	7.2	134.8	112.8	6.9	123.7	54.6	7.2	113.1	79.0	6.9	111.2	38.6	6.8

AW20 hot gas reheat capacity performance

Table 53: AW20 hot gas reheat capacity performance (85°F)

Air on evap. coil		Temperature of air on condenser coil																	
		Return dry bulb temperature (°F)																	
CFM	WB (°F)	90			85			80			75			70			65		
		TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)
85 (°F)																			
5000	77	139.2	5.5	15.2	144.8	3.9	13.3	143.4	0.5	13.3	-	-	-	-	-	-	-	-	-
	72	127.3	38.0	14.6	126.1	13.7	14.6	131.0	3.5	12.9	130.1	3.9	12.9	-	-	-	-	-	-
	67	116.0	71.9	14.0	115.1	47.7	14.0	114.1	23.2	14.0	118.4	11.1	12.5	117.0	1.1	12.5	-	-	-
	62	107.7	96.3	13.7	105.1	81.2	13.6	103.9	56.6	13.5	102.6	31.7	13.5	101.5	6.6	13.5	105.4	2.6	12.2
	57	107.7	96.8	13.7	101.2	91.3	13.4	94.9	86.0	13.1	93.0	64.7	13.1	92.2	39.8	13.1	91.0	14.3	13.1
6000	77	145.4	12.0	14.9	150.3	7.2	13.1	148.7	1.5	13.1	-	-	-	-	-	-	-	-	-
	72	133.4	49.1	14.4	132.1	20.4	14.3	136.4	6.7	12.8	134.5	2.9	12.7	-	-	-	-	-	-
	67	121.9	86.4	13.9	120.6	57.8	13.9	119.4	29.8	13.8	123.3	13.2	12.4	121.1	5.4	12.4	-	-	-
	62	116.7	103.2	13.7	109.8	97.0	13.4	108.6	68.0	13.4	107.7	38.8	13.4	105.7	8.8	13.4	109.5	3.5	12.1
	57	116.6	103.7	13.7	109.5	97.6	13.4	102.3	91.5	13.2	98.1	76.8	13.0	96.9	47.4	13.0	95.5	17.3	12.9
7000	77	150.1	17.0	14.7	154.2	2.4	13.0	152.3	2.4	13.0	-	-	-	-	-	-	-	-	-
	72	137.5	59.7	14.2	136.3	26.8	14.2	140.2	9.3	12.7	138.2	0.1	12.6	-	-	-	-	-	-
	67	126.0	101.5	13.8	124.6	68.5	13.7	123.4	35.4	13.7	122.0	1.9	13.7	125.1	2.5	12.3	-	-	-
	62	123.7	107.7	13.7	116.2	101.4	13.4	112.8	79.3	13.3	111.3	45.5	13.3	110.0	11.7	13.2	112.5	4.2	12.0
	57	123.6	108.4	13.7	116.1	101.7	13.4	108.5	95.3	13.2	101.3	88.3	12.9	100.2	54.3	12.9	98.7	19.9	12.9
8000	77	153.2	21.9	14.5	157.3	2.9	12.9	154.6	2.9	12.9	-	-	-	-	-	-	-	-	-
	72	140.8	69.6	14.1	139.5	32.5	14.1	142.4	10.9	12.6	140.5	0.3	12.5	-	-	-	-	-	-
	67	130.0	109.8	13.7	127.9	79.0	13.6	126.3	41.5	13.6	124.5	3.7	13.6	127.2	2.9	12.2	-	-	-
	62	129.9	110.4	13.7	121.6	103.8	13.4	115.5	89.1	13.2	114.1	51.2	13.2	112.4	13.3	13.2	114.7	4.9	11.9
	57	129.8	111.0	13.7	121.6	104.4	13.4	113.5	97.6	13.2	105.6	90.5	12.9	102.5	60.7	12.8	101.1	21.9	12.8
9000	77	155.6	26.3	14.4	159.4	3.8	12.8	156.6	3.2	12.8	-	-	-	-	-	-	-	-	-
	72	143.4	78.8	14.0	141.8	37.7	13.9	144.6	12.3	12.5	142.3	0.4	12.5	-	-	-	-	-	-
	67	134.9	111.9	13.7	130.3	87.8	13.6	128.6	46.6	13.5	126.4	4.7	13.5	128.9	2.6	12.2	-	-	-
	62	134.9	112.6	13.7	126.3	104.0	13.4	117.8	98.6	13.2	116.1	55.6	13.1	114.6	13.0	13.1	116.3	5.2	11.9
	57	134.8	113.3	13.7	126.2	104.7	13.4	117.7	98.2	13.2	109.5	91.0	12.9	104.6	66.6	12.8	102.9	23.3	12.7
10000	77	157.8	30.0	14.3	161.3	4.0	12.8	157.7	3.6	12.7	-	-	-	-	-	-	-	-	-
	72	145.5	86.3	13.9	143.8	41.6	13.9	146.8	13.4	12.4	143.8	0.5	12.4	-	-	-	-	-	-
	67	139.3	112.6	13.7	131.9	96.7	13.5	129.7	49.7	13.4	128.6	5.3	13.4	130.4	2.7	12.1	-	-	-
	62	139.3	113.7	13.7	130.3	103.6	13.4	121.4	95.0	13.2	118.1	60.6	13.1	116.2	13.9	13.0	117.6	6.1	11.8
	57	139.2	114.3	13.7	131.1	105.0	13.4	121.3	95.8	13.2	112.8	89.8	12.9	106.1	71.1	12.7	104.4	24.1	12.7

Table 54: AW20 hot gas reheat capacity performance (75°F)

Air on evap. coil		Temperature of air on condenser coil																	
		Return dry bulb temperature (°F)																	
CFM	WB (°F)	90			85			80			75			70			65		
		TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)
75 (°F)																			
5000	77	147.8	10.0	14.2	153.7	1.6	12.3	153.5	2.4	12.3	-	-	-	-	-	-	-	-	-
	72	135.6	42.6	13.6	134.4	18.3	13.6	139.5	8.1	11.9	138.6	0.3	11.9	-	-	-	-	-	-
	67	123.7	76.7	13.1	122.7	52.4	13.1	121.6	27.8	13.1	120.4	3.0	13.1	125.1	2.8	11.6	-	-	-
	62	114.2	102.6	12.8	112.2	85.9	12.7	111.0	61.3	12.6	109.7	36.2	12.6	108.6	11.1	12.6	112.6	3.2	11.3
	57	113.9	102.9	12.8	107.4	97.3	12.5	101.1	91.9	12.3	99.8	69.5	12.2	99.0	44.4	12.2	97.8	18.9	12.2
6000	77	154.8	16.6	13.9	159.7	4.6	12.1	158.8	3.8	12.1	-	-	-	-	-	-	-	-	-
	72	142.2	53.8	13.4	140.8	25.1	13.4	145.3	11.5	11.8	143.7	0.7	11.8	-	-	-	-	-	-
	67	130.2	92.4	12.9	128.8	63.6	12.9	127.6	34.7	12.9	126.0	5.5	12.9	130.2	3.8	11.5	-	-	-
	62	123.5	109.8	12.8	117.4	102.2	12.5	116.4	73.1	12.5	115.3	43.7	12.5	114.0	14.1	12.5	117.4	3.8	11.2
	57	123.5	110.3	12.8	116.2	104.2	12.5	109.1	98.1	12.2	105.4	81.9	12.1	104.1	52.1	12.1	102.7	22.2	12.1
7000	77	159.7	23.0	13.7	163.7	7.2	12.0	162.9	5.0	12.0	-	-	-	-	-	-	-	-	-
	72	146.6	64.4	13.2	145.3	31.6	13.2	149.4	14.2	11.7	146.4	0.9	11.7	-	-	-	-	-	-
	67	134.5	106.6	12.8	133.4	73.7	12.8	132.1	40.4	12.8	130.6	6.9	12.7	133.8	4.6	11.4	-	-	-
	62	131.3	115.0	12.7	123.3	108.2	12.5	120.7	84.2	12.4	119.3	50.4	12.4	117.8	16.5	12.3	120.7	4.6	11.1
	57	131.3	115.5	12.7	123.2	108.8	12.5	115.6	102.1	12.2	108.7	93.3	12.0	107.7	59.4	12.0	106.3	25.0	12.0

Table 54: AW20 hot gas reheat capacity performance (75°F)

Air on evap. coil		Temperature of air on condenser coil																	
		Return dry bulb temperature (°F)																	
CFM	WB (°F)	90			85			80			75			70			65		
		TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)
8000	77	163.3	27.0	13.5	167.3	8.0	11.9	165.6	6.0	11.9	-	-	-	-	-	-	-	-	-
	72	150.3	74.6	13.1	148.9	37.5	13.1	152.6	16.7	11.6	150.1	1.3	11.6	-	-	-	-	-	-
	67	138.1	117.7	12.7	136.6	84.1	12.7	135.0	46.4	12.7	133.3	8.7	12.6	136.3	4.8	11.3	-	-	-
	62	137.7	117.7	12.7	129.3	111.1	12.5	123.9	94.3	12.3	122.4	56.6	12.3	119.9	17.8	12.3	123.2	5.3	11.0
	57	137.7	118.3	12.7	129.2	111.7	12.5	120.9	104.6	12.2	112.8	97.6	12.0	110.1	65.8	11.9	108.9	27.1	11.9
9000	77	166.0	31.5	13.4	169.5	8.8	11.8	167.7	6.2	11.8	-	-	-	-	-	-	-	-	-
	72	153.0	84.1	13.0	151.6	42.3	13.0	154.7	17.9	11.5	152.0	1.6	11.5	-	-	-	-	-	-
	67	143.2	119.3	12.7	139.2	92.8	12.6	137.5	51.6	12.6	135.7	9.9	12.5	138.2	4.4	11.2	-	-	-
	62	143.1	120.2	12.7	134.2	111.1	12.5	126.0	104.4	12.2	124.8	60.6	12.2	122.6	17.8	12.2	125.0	6.2	11.0
	57	143.0	120.8	12.7	134.1	111.9	12.5	125.5	105.5	12.2	116.9	98.0	12.0	112.8	71.8	11.9	110.9	28.5	11.8
10000	77	168.0	35.1	13.3	171.5	8.8	11.8	169.0	5.9	11.7	-	-	-	-	-	-	-	-	-
	72	155.5	91.6	12.9	153.5	46.9	12.9	156.5	18.2	11.5	153.7	1.4	11.4	-	-	-	-	-	-
	67	147.8	120.3	12.7	141.1	101.9	12.5	139.7	56.2	12.5	136.8	9.5	12.5	139.8	4.6	11.2	-	-	-
	62	147.7	121.4	12.7	138.4	111.9	12.5	129.2	102.5	12.2	126.5	65.6	12.1	124.7	18.8	12.1	126.5	7.1	10.9
	57	147.6	122.1	12.7	138.4	112.6	12.5	129.2	103.3	12.2	120.4	97.4	12.0	114.4	76.4	11.8	112.7	29.3	11.8

Table 55: AW20 hot gas reheat capacity performance (65°F)

Air on evap. coil		Temperature of air on condenser coil																	
		Return dry bulb temperature (°F)																	
CFM	WB (°F)	90			85			80			75			70			65		
		TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)
65 (°F)																			
5000	77	156.5	14.6	13.2	162.2	6.2	11.4	162.1	4.9	11.3	-	-	-	-	-	-	-	-	-
	72	143.4	47.2	12.7	142.2	22.8	12.7	147.4	12.6	11.1	146.0	1.3	11.0	-	-	-	-	-	-
	67	131.3	81.5	12.3	130.2	57.1	12.2	128.9	32.3	12.2	127.6	7.4	12.2	132.4	5.1	10.7	-	-	-
	62	120.3	108.3	11.9	119.0	90.5	11.8	117.9	65.9	11.8	116.8	40.9	11.8	115.6	15.8	11.8	119.6	2.1	10.5
	57	120.1	108.7	11.9	113.5	103.2	11.7	107.2	98.6	11.4	106.5	74.3	11.4	105.5	49.1	11.4	104.4	23.6	11.4
6000	77	163.8	21.3	12.9	168.9	9.4	11.2	167.3	0.0	11.2	-	-	-	-	-	-	-	-	-
	72	150.7	58.7	12.5	149.2	29.9	12.5	147.3	0.8	12.4	151.9	2.1	10.9	-	-	-	-	-	-
	67	138.0	97.2	12.1	136.8	68.5	12.1	135.5	39.5	12.0	133.9	10.2	12.0	137.8	6.2	10.6	-	-	-
	62	130.3	116.1	11.9	124.8	107.1	11.7	123.9	78.0	11.7	122.7	48.4	11.6	121.3	18.8	11.6	124.7	1.3	10.3
	57	130.1	116.5	11.9	122.6	110.2	11.7	115.4	104.3	11.4	112.5	86.8	11.3	111.2	57.1	11.3	109.7	27.0	11.3
7000	77	169.3	27.9	12.7	173.6	12.1	11.1	171.6	0.2	11.0	-	-	-	-	-	-	-	-	-
	72	155.8	69.6	12.3	154.2	36.6	12.3	151.5	3.3	12.3	155.2	2.4	10.8	-	-	-	-	-	-
	67	142.8	111.5	12.0	141.7	78.7	11.9	140.2	45.3	11.9	138.5	11.5	11.9	141.8	7.1	10.5	-	-	-
	62	138.4	121.7	11.9	130.4	114.9	11.6	128.4	89.1	11.5	127.1	55.5	11.5	125.5	21.4	11.5	128.4	0.3	10.3
	57	138.3	122.3	11.9	130.1	115.4	11.6	122.2	108.6	11.4	116.0	98.4	11.2	115.0	64.4	11.2	113.7	29.9	11.2
8000	77	173.0	32.1	12.6	177.3	14.3	11.0	174.6	0.5	10.9	-	-	-	-	-	-	-	-	-
	72	159.6	79.8	12.2	157.8	42.3	12.2	155.9	5.1	12.1	159.0	3.0	10.7	-	-	-	-	-	-
	67	146.2	124.1	11.9	145.1	89.2	11.8	143.7	51.5	11.8	141.9	13.7	11.8	144.5	7.6	10.4	-	-	-
	62	145.0	124.5	11.9	136.5	118.0	11.6	131.9	99.4	11.5	130.4	61.6	11.4	128.5	23.2	11.4	131.1	1.1	10.2
	57	144.9	125.1	11.9	136.3	118.5	11.6	128.0	111.4	11.4	119.8	104.4	11.2	118.0	71.1	11.1	116.6	32.3	11.1
9000	77	176.0	36.7	12.4	179.8	14.1	10.9	176.7	0.7	10.8	-	-	-	-	-	-	-	-	-
	72	162.3	89.3	12.1	160.7	47.6	12.0	158.4	6.2	12.0	161.1	3.4	10.6	-	-	-	-	-	-
	67	151.3	127.0	11.8	148.4	98.3	11.7	146.0	56.7	11.7	144.5	14.9	11.7	146.7	6.9	10.3	-	-	-
	62	150.9	127.5	11.8	141.8	118.2	11.6	134.2	109.7	11.4	133.1	65.8	11.4	131.1	23.0	11.3	133.1	1.3	10.1
	57	150.8	128.2	11.8	141.7	119.0	11.6	132.7	112.5	11.4	124.3	105.2	11.1	120.5	77.1	11.0	118.7	33.7	11.0
10000	77	178.4	40.4	12.3	181.9	14.2	10.8	178.4	0.7	10.8	-	-	-	-	-	-	-	-	-
	72	165.0	97.1	12.0	163.0	51.9	12.0	160.7	6.4	11.9	162.7	3.2	10.5	-	-	-	-	-	-
	67	156.2	128.2	11.8	149.6	106.7	11.6	148.6	61.3	11.6	146.1	15.0	11.6	148.5	6.8	10.3	-	-	-
	62	155.8	128.9	11.8	146.3	119.1	11.6	137.1	111.6	11.4	134.7	70.9	11.3	132.8	23.6	11.3	134.8	2.5	10.1
	57	155.7	129.5	11.8	146.1	119.7	11.6	136.5	112.1	11.4	127.9	104.5	11.1	122.6	81.8	11.0	120.7	34.5	11.0

Table 56: AW20 hot gas reheat capacity performance (55°F)

Air on evap. coil		Temperature of air on condenser coil																	
		Return dry bulb temperature (°F)																	
CFM	WB (°F)	90			85			80			75			70			65		
		TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)
55 (°F)																			
5000	77	164.1	18.6	12.4	170.7	10.9	10.5	169.4	0.3	10.5	-	-	-	-	-	-	-	-	-
	72	150.9	51.6	11.9	148.9	26.5	11.9	148.9	3.2	11.9	155.0	4.0	10.2	-	-	-	-	-	-
	67	137.7	85.4	11.5	137.3	61.6	11.4	136.7	37.5	11.4	136.3	13.5	11.4	141.5	1.8	9.9	-	-	-
	62	125.6	113.5	11.1	125.2	94.7	11.0	124.3	70.2	11.0	123.1	45.2	11.0	122.0	20.1	11.0	126.3	6.5	9.7
	57	126.3	114.7	11.1	118.8	108.4	10.9	113.1	103.1	10.7	112.6	78.6	10.7	111.6	53.3	10.6	110.4	27.9	10.6
6000	77	171.8	25.8	12.1	177.3	14.2	10.3	177.7	0.9	10.3	-	-	-	-	-	-	-	-	-
	72	158.4	63.1	11.7	156.4	33.9	11.6	156.4	6.4	11.6	162.1	5.2	10.0	-	-	-	-	-	-
	67	144.5	101.2	11.3	144.5	73.4	11.3	143.6	44.9	11.2	143.3	16.6	11.2	147.7	1.2	9.8	-	-	-
	62	136.1	121.7	11.1	131.5	111.3	10.9	130.7	82.4	10.9	129.6	53.0	10.9	128.1	23.2	10.8	132.0	6.0	9.6
	57	136.9	123.1	11.1	128.4	115.8	10.9	121.2	109.8	10.7	118.7	91.2	10.5	117.6	61.6	10.5	116.2	31.5	10.5
7000	77	177.2	32.3	11.9	176.1	0.3	11.8	181.3	1.0	10.2	-	-	-	-	-	-	-	-	-
	72	163.9	74.3	11.5	161.6	40.6	11.5	160.6	7.3	11.4	165.8	5.5	9.9	-	-	-	-	-	-
	67	150.1	116.0	11.1	149.7	83.7	11.1	148.9	50.7	11.1	148.3	18.1	11.1	152.0	9.9	9.7	-	-	-
	62	144.5	127.6	11.1	136.6	121.0	10.8	135.4	93.7	10.8	134.2	60.0	10.7	132.9	26.1	10.7	135.9	5.0	9.5
	57	145.4	129.1	11.1	136.3	121.3	10.8	128.5	114.6	10.6	122.8	103.1	10.4	121.8	68.9	10.4	120.4	34.6	10.4
8000	77	181.3	36.5	11.7	179.7	2.1	11.6	184.4	2.1	10.0	-	-	-	-	-	-	-	-	-
	72	168.0	84.5	11.3	165.7	46.7	11.3	165.6	11.0	11.3	168.8	6.3	9.8	-	-	-	-	-	-
	67	153.6	128.7	11.0	153.4	94.3	11.0	152.6	57.1	11.0	152.3	20.5	11.0	155.2	10.5	9.6	-	-	-
	62	151.6	130.6	11.0	143.3	124.4	10.8	139.3	104.4	10.7	137.8	66.4	10.6	136.4	28.2	10.6	139.1	3.8	9.4
	57	152.7	132.3	11.0	142.9	124.8	10.8	134.4	117.6	10.6	126.3	111.5	10.4	124.9	75.7	10.3	123.7	37.1	10.3
9000	77	184.3	41.5	11.6	183.3	3.0	11.5	187.2	2.5	9.9	-	-	-	-	-	-	-	-	-
	72	171.0	94.2	11.2	168.6	51.7	11.2	168.6	12.4	11.1	171.5	6.6	9.7	-	-	-	-	-	-
	67	157.2	133.3	11.0	156.7	103.8	10.9	155.7	62.7	10.9	155.0	21.8	10.8	157.7	10.6	9.5	-	-	-
	62	158.2	134.7	11.0	148.8	124.7	10.8	141.8	114.8	10.6	140.7	72.0	10.6	138.9	29.4	10.5	140.9	4.3	9.4
	57	159.8	136.8	11.0	148.3	125.2	10.8	139.5	119.0	10.6	130.5	111.4	10.4	127.6	81.9	10.3	126.3	38.9	10.2
10000	77	186.9	44.9	11.4	185.3	1.4	11.4	188.9	2.3	9.9	-	-	-	-	-	-	-	-	-
	72	173.2	102.4	11.1	170.7	56.1	11.1	170.8	12.4	11.1	173.2	6.7	9.7	-	-	-	-	-	-
	67	162.9	134.4	11.0	158.9	112.8	10.8	158.0	67.3	10.8	157.3	22.5	10.8	159.6	9.4	9.5	-	-	-
	62	162.7	135.0	11.0	153.4	125.8	10.8	144.3	119.1	10.5	142.7	75.7	10.5	140.9	28.6	10.5	142.9	6.2	9.3
	57	163.7	137.0	11.0	153.0	126.4	10.8	143.8	119.0	10.5	134.7	111.0	10.3	129.9	86.6	10.2	128.1	39.4	10.2

Table 57: AW20 hot gas reheat capacity performance (45°F)

Air on evap. coil		Temperature of air on condenser coil																	
		Return dry bulb temperature (°F)																	
CFM	WB (°F)	90			85			80			75			70			65		
		TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)
45 (°F)																			
5000	77	170.5	22.7	11.6	168.4	15.1	11.5	174.7	1.4	9.7	-	-	-	-	-	-	-	-	-
	72	156.7	55.1	11.1	155.7	31.4	11.1	154.7	7.6	11.1	160.7	5.4	9.5	-	-	-	-	-	-
	67	144.3	89.8	10.7	143.3	65.3	10.7	142.3	40.8	10.7	141.7	16.5	10.7	146.7	4.8	9.2	-	-	-
	62	132.2	120.3	10.4	131.9	99.6	10.3	131.2	75.1	10.3	130.1	50.2	10.3	129.0	25.1	10.3	133.6	11.7	9.0
	57	131.5	119.8	10.4	124.9	114.3	10.2	119.7	108.1	10.0	119.2	83.5	10.0	118.2	58.3	9.9	117.1	32.9	9.9
6000	77	179.1	30.0	11.3	177.6	1.6	11.2	183.1	2.1	9.5	-	-	-	-	-	-	-	-	-
	72	164.5	67.0	10.9	164.0	38.9	10.9	162.3	10.0	10.8	167.3	6.6	9.3	-	-	-	-	-	-
	67	151.4	105.8	10.5	150.6	77.3	10.5	149.4	48.2	10.5	148.5	19.6	10.5	153.6	5.0	9.0	-	-	-
	62	142.7	128.1	10.4	138.9	116.9	10.2	138.0	87.4	10.2	137.0	58.2	10.1	135.7	28.7	10.1	139.6	11.4	8.8
	57	142.3	128.4	10.3	134.9	122.2	10.1	127.6	115.9	9.9	125.7	96.4	9.8	124.6	66.8	9.8	123.5	36.9	9.8
7000	77	185.4	36.9	11.0	183.0	4.0	11.0	187.9	3.0	9.3	-	-	-	-	-	-	-	-	-
	72	170.2	78.1	10.7	168.7	45.2	10.7	167.5	12.7	10.6	172.1	6.7	9.1	-	-	-	-	-	-
	67	156.9	120.7	10.4	155.7	87.5	10.4	154.3	53.7	10.3	153.7	21.0	10.3	157.4	2.3	8.9	-	-	-
	62	151.7	134.4	10.3	143.9	128.4	10.1	143.1	99.2	10.0	142.1	65.5	10.0	140.8	31.4	10.0	144.1	10.7	8.7
	57	151.1	134.6	10.3	143.2	127.9	10.1	135.2	121.2	9.9	130.2	108.7	9.7	129.4	74.7	9.7	128.1	40.1	9.7

Table 57: AW20 hot gas reheat capacity performance (45°F)

Air on evap. coil		Temperature of air on condenser coil																	
		Return dry bulb temperature (°F)																	
CFM	WB (°F)	90			85			80			75			70			65		
		TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)
8000	77	190.0	41.4	10.9	187.9	6.0	10.8	191.6	3.6	9.2	-	-	-	-	-	-	-	-	-
	72	174.4	88.4	10.6	173.9	52.1	10.5	172.0	14.7	10.5	175.8	7.7	9.0	-	-	-	-	-	-
	67	160.5	133.5	10.3	159.7	98.4	10.2	158.3	60.0	10.2	157.5	23.4	10.2	160.8	1.0	8.8	-	-	-
	62	158.6	136.9	10.3	150.3	131.2	10.1	147.2	108.7	9.9	145.7	71.8	9.9	144.3	33.7	9.9	147.4	9.3	8.7
	57	158.1	138.7	10.3	150.0	131.8	10.1	141.6	124.6	9.9	133.7	118.0	9.7	133.0	81.5	9.6	131.5	42.7	9.6
9000	77	193.3	46.2	10.7	191.4	5.7	10.7	194.0	3.6	9.1	-	-	-	-	-	-	-	-	-
	72	177.9	98.5	10.4	176.9	57.4	10.4	175.1	15.5	10.4	178.5	8.0	8.9	-	-	-	-	-	-
	67	164.1	140.1	10.2	162.4	107.6	10.1	161.0	66.0	10.1	160.4	24.7	10.1	161.7	14.2	8.8	-	-	-
	62	164.7	141.9	10.2	155.9	131.4	10.0	149.9	120.5	9.8	148.8	76.1	9.8	147.3	35.2	9.8	149.7	5.6	8.6
	57	164.2	140.7	10.2	155.4	131.9	10.0	146.8	126.2	9.8	138.0	118.5	9.6	135.6	87.6	9.5	134.3	44.8	9.5
10000	77	195.9	50.0	10.6	193.9	5.8	10.6	196.7	3.9	9.0	-	-	-	-	-	-	-	-	-
	72	180.4	105.5	10.3	180.6	62.4	10.3	177.2	16.7	10.3	180.3	8.0	8.9	-	-	-	-	-	-
	67	169.4	140.2	10.2	165.9	116.7	10.1	163.6	70.7	10.0	162.7	25.5	10.0	165.1	12.6	8.7	-	-	-
	62	169.2	141.7	10.5	160.7	133.1	10.0	152.1	125.5	9.8	151.1	81.5	9.7	149.2	34.3	9.7	151.5	2.8	8.6
	57	169.4	141.7	10.2	160.2	133.2	10.0	151.2	126.0	9.8	140.6	117.3	9.6	138.4	92.9	9.5	136.3	45.3	9.5

Table 58: AW20 hot gas reheat capacity performance (35°F)

Air on evap. coil		Temperature of air on condenser coil																	
		Return dry bulb temperature (°F)																	
CFM	WB (°F)	90			85			80			75			70			65		
		TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)
35 (°F)																			
5000	77	178.0	26.6	10.8	159.2	30.1	12.9	184.6	2.9	8.9	-	-	-	-	-	-	-	-	-
	72	164.1	59.8	10.4	162.6	35.3	10.4	161.4	11.4	10.3	167.5	1.2	8.7	-	-	-	-	-	-
	67	150.8	94.7	10.0	149.7	70.2	10.0	148.7	45.6	10.0	147.7	20.9	10.0	153.4	9.6	8.5	-	-	-
	62	137.3	124.2	9.6	137.0	104.2	9.7	136.3	79.2	9.6	135.5	54.2	9.6	134.4	29.0	9.6	139.6	16.0	8.3
	57	137.1	125.7	9.8	130.7	119.9	9.5	126.1	113.5	9.3	125.8	88.7	9.3	124.2	62.9	9.3	123.3	37.6	9.3
6000	77	187.8	34.2	10.5	197.4	67.4	9.5	194.2	3.8	8.7	-	-	-	-	-	-	-	-	-
	72	172.6	72.3	10.1	171.3	43.8	10.1	169.8	15.0	10.1	174.7	0.9	8.5	-	-	-	-	-	-
	67	175.8	129.0	9.4	157.7	82.4	9.8	156.7	53.6	9.8	155.4	24.5	9.7	159.9	8.7	8.3	-	-	-
	62	171.7	151.2	10.4	144.6	121.4	9.5	143.8	91.9	9.5	142.9	62.5	9.5	141.8	33.0	9.4	145.9	15.8	8.2
	57	171.4	153.1	10.6	140.9	128.0	9.5	133.8	121.9	9.3	132.5	102.0	9.2	131.0	71.6	9.2	129.8	41.7	9.1
7000	77	193.7	39.6	10.3	209.6	75.2	9.1	197.9	149.5	8.6	-	-	-	-	-	-	-	-	-
	72	178.0	83.6	9.9	181.9	119.4	9.7	185.4	94.2	10.0	180.3	0.2	8.4	-	-	-	-	-	-
	67	181.3	149.1	9.2	163.8	93.0	9.6	162.7	59.4	9.6	178.1	102.9	9.7	165.2	7.5	8.2	-	-	-
	62	177.1	161.3	10.2	149.7	133.2	9.4	149.4	103.9	9.3	148.2	69.9	9.3	147.0	36.1	9.3	150.7	15.3	8.1
	57	176.8	151.3	10.4	149.5	134.1	9.4	141.7	127.5	9.2	137.4	114.5	9.1	135.6	79.5	9.0	134.5	45.0	9.0
8000	77	200.0	44.1	10.1	211.1	47.2	9.2	202.1	49.8	8.4	-	-	-	-	-	-	-	-	-
	72	183.9	93.3	9.8	183.2	74.9	9.8	184.3	57.5	9.4	184.1	139.6	8.3	-	-	-	-	-	-
	67	187.3	166.3	9.1	164.9	58.3	9.7	166.9	66.3	9.5	182.0	103.4	8.3	169.1	6.6	8.1	-	-	-
	62	182.9	176.3	10.0	150.8	139.6	9.5	113.9	72.5	12.7	152.1	76.6	9.2	150.4	31.4	9.2	154.1	14.1	8.0
	57	182.6	156.3	10.2	150.6	141.2	9.5	140.9	140.1	11.5	140.9	124.1	9.0	139.1	86.5	8.9	138.2	47.7	8.9
9000	77	217.2	48.9	9.8	214.1	38.7	9.0	205.0	40.4	8.3	-	-	-	-	-	-	-	-	-
	72	185.6	103.4	9.5	185.8	61.5	9.6	201.3	54.0	9.2	186.9	36.0	8.2	-	-	-	-	-	-
	67	183.9	169.1	10.0	177.5	162.2	11.5	170.3	72.0	9.4	184.8	54.5	8.3	172.0	4.6	8.0	-	-	-
	62	179.6	179.2	10.1	185.6	157.8	9.0	156.6	124.4	9.1	155.4	82.6	9.1	154.5	39.1	9.1	156.7	10.4	7.9
	57	178.5	160.2	9.9	185.4	159.6	9.0	153.8	132.8	9.1	145.1	125.1	9.0	142.5	93.0	8.9	141.8	50.1	8.8
10000	77	206.5	55.9	9.8	194.2	34.4	9.3	206.8	118.9	8.2	-	-	-	-	-	-	-	-	-
	72	176.4	118.2	9.5	168.5	54.6	9.9	192.2	95.6	10.1	189.5	11.7	8.1	-	-	-	-	-	-
	67	174.8	174.1	10.0	161.1	160.8	11.8	173.1	76.9	9.3	171.2	31.8	9.2	174.2	1.7	8.0	-	-	-
	62	178.6	171.2	10.1	168.3	140.2	9.3	177.8	142.3	9.1	158.2	86.5	9.0	156.5	14.8	9.0	158.5	7.9	7.9
	57	179.6	150.4	9.3	168.2	141.9	9.3	158.5	132.4	9.1	149.2	125.1	8.9	144.5	96.2	8.8	143.2	50.7	8.8

AW23 hot gas reheat capacity performance

Table 59: AW23 hot gas reheat capacity performance (85°F)

Air on evap. coil		Temperature of air on condenser coil																	
		Return dry bulb temperature (°F)																	
CFM	WB (°F)	90			85			80			75			70			65		
		TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)
85 (°F)																			
5750	77	166.4	17.2	18.9	173.2	4.6	16.6	174.9	2.7	16.1	-	-	-	-	-	-	-	-	-
	72	153.0	55.8	18.1	151.9	27.1	18.1	158.8	13.7	16.0	159.8	1.9	15.6	-	-	-	-	-	-
	67	139.9	96.3	17.3	139.2	67.5	17.3	138.1	38.7	17.3	137.3	9.5	17.3	144.8	3.7	15.1	-	-	-
	62	127.7	127.2	16.7	127.1	106.4	16.7	126.4	77.5	16.7	125.3	47.9	16.7	124.2	18.4	16.6	129.6	1.0	15.0
	57	127.9	127.6	16.7	121.0	120.8	16.4	114.4	114.1	16.1	114.0	86.1	16.1	113.2	56.5	16.1	112.3	26.6	16.1
6900	77	174.3	23.3	18.7	181.1	7.5	16.5	182.0	3.2	16.1	-	-	-	-	-	-	-	-	-
	72	160.2	67.1	18.0	158.9	33.5	18.0	165.3	16.0	15.9	165.7	2.2	15.5	-	-	-	-	-	-
	67	146.3	112.3	17.3	146.0	79.0	17.2	145.0	45.1	17.2	143.5	10.8	17.2	150.4	4.1	15.1	-	-	-
	62	138.1	137.5	16.9	133.3	123.1	16.6	132.5	89.6	16.6	131.5	55.1	16.6	130.3	20.5	16.6	136.1	2.2	14.7
	57	138.3	137.6	16.9	130.7	129.1	16.5	123.1	120.8	16.2	120.2	99.0	16.1	118.9	64.3	16.0	117.7	29.1	16.0
8050	77	179.7	28.7	18.6	185.9	9.0	16.4	185.7	0.1	16.0	-	-	-	-	-	-	-	-	-
	72	165.3	77.9	17.9	164.0	39.4	17.9	161.9	0.6	17.8	169.7	2.1	15.5	-	-	-	-	-	-
	67	152.0	126.9	17.2	150.8	88.7	17.2	149.5	49.8	17.2	148.3	10.7	17.2	154.3	4.3	15.1	-	-	-
	62	146.5	142.2	17.0	138.2	133.0	16.7	136.8	100.6	16.6	135.9	61.4	16.6	134.4	21.6	16.5	139.8	6.2	14.7
	57	146.8	142.2	17.0	138.3	132.7	16.7	130.2	124.0	16.3	123.8	110.5	16.0	123.0	70.8	16.0	121.7	31.0	16.0
9200	77	183.6	33.4	18.5	189.2	9.7	16.4	188.7	0.3	16.0	-	-	-	-	-	-	-	-	-
	72	169.3	87.6	17.8	168.0	44.6	17.8	166.2	1.3	17.7	172.5	2.3	15.5	-	-	-	-	-	-
	67	155.7	141.1	17.2	154.2	99.1	17.2	153.1	55.1	17.1	151.6	11.4	17.1	157.0	4.5	15.1	-	-	-
	62	153.6	143.4	17.1	144.8	134.6	16.8	140.6	108.9	16.6	139.2	66.8	16.5	137.6	22.4	16.5	142.4	6.4	14.7
	57	153.7	143.3	17.1	145.0	134.7	16.8	136.3	125.2	16.4	127.6	115.9	16.1	126.0	76.8	16.0	124.6	31.8	16.0
10350	77	186.6	35.3	18.4	191.8	9.5	16.3	190.9	0.2	15.9	-	-	-	-	-	-	-	-	-
	72	172.5	96.7	17.8	171.0	48.6	17.7	169.2	0.8	17.7	173.5	2.2	15.4	-	-	-	-	-	-
	67	158.9	145.6	17.2	157.2	107.4	17.1	155.8	59.4	17.1	154.1	10.9	17.0	158.9	4.1	15.0	-	-	-
	62	160.2	146.5	17.2	150.2	133.1	16.9	143.3	118.8	16.5	141.9	69.7	16.5	140.2	20.6	16.5	144.1	6.3	14.7
	57	159.7	144.6	17.2	150.5	133.0	16.8	141.4	124.5	16.5	132.3	114.7	16.1	128.6	81.7	16.0	126.9	31.7	15.9
11500	77	189.0	37.7	18.4	194.1	8.6	16.3	192.6	3.5	15.9	-	-	-	-	-	-	-	-	-
	72	174.6	104.2	17.7	173.2	51.6	17.7	177.3	17.5	15.8	176.3	1.9	15.4	-	-	-	-	-	-
	67	164.5	144.0	17.3	159.2	115.9	17.1	158.3	62.8	17.0	156.2	9.5	17.0	160.6	3.9	15.0	-	-	-
	62	164.7	144.0	17.3	155.1	131.8	16.9	145.5	121.4	16.5	143.8	73.5	16.5	142.2	19.4	16.4	146.1	6.1	14.7
	57	165.0	144.0	17.3	155.3	131.8	16.9	145.6	119.8	16.5	136.2	111.6	16.2	130.7	85.2	16.0	129.0	30.6	15.9

Table 60: AW23 hot gas reheat capacity performance (75°F)

Air on evap. coil		Temperature of air on condenser coil																	
		Return dry bulb temperature (°F)																	
CFM	WB (°F)	90			85			80			75			70			65		
		TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)
75 (°F)																			
5750	77	175.7	21.5	17.7	184.6	11.1	15.4	186.3	1.0	14.9	-	-	-	-	-	-	-	-	-
	72	162.3	62.4	16.9	161.4	32.8	16.9	160.3	5.1	16.9	169.5	2.9	14.4	-	-	-	-	-	-
	67	148.7	101.9	16.2	147.8	73.1	16.2	146.9	44.1	16.2	145.7	14.6	16.1	153.9	2.7	14.0	-	-	-
	62	135.3	135.2	15.6	135.0	111.9	15.5	134.4	82.9	15.5	133.5	53.6	15.5	132.4	23.9	15.5	138.1	6.6	13.9
	57	134.9	134.1	15.6	127.8	127.3	15.3	122.3	121.3	15.0	121.7	91.6	15.0	120.8	61.9	15.0	119.9	31.9	15.0
6900	77	184.8	28.9	17.5	192.0	13.2	15.3	193.3	1.1	14.8	-	-	-	-	-	-	-	-	-
	72	170.2	73.0	16.8	169.1	39.4	16.8	167.6	5.5	16.7	175.9	3.3	14.4	-	-	-	-	-	-
	67	155.8	118.3	16.1	155.2	84.6	16.1	154.2	50.7	16.1	153.0	16.5	16.1	159.8	5.2	13.9	-	-	-
	62	145.9	145.3	15.7	142.0	129.2	15.5	141.3	95.4	15.5	140.0	60.8	15.5	139.0	26.1	15.5	143.9	4.4	13.9
	57	146.1	145.4	15.7	138.2	136.6	15.4	130.4	128.2	15.1	128.2	104.7	15.0	127.1	69.8	14.9	125.6	34.6	14.9
8050	77	190.9	34.5	17.4	197.0	14.6	15.2	198.1	1.4	14.8	-	-	-	-	-	-	-	-	-
	72	175.7	83.7	16.7	173.7	44.3	16.7	173.2	6.8	16.6	180.4	3.3	14.3	-	-	-	-	-	-
	67	161.7	132.6	16.1	160.7	94.6	16.0	159.4	55.6	16.0	157.8	16.4	16.0	164.3	5.5	13.9	-	-	-
	62	154.9	150.4	15.9	146.9	141.9	15.5	145.7	106.5	15.4	145.1	67.3	15.4	143.8	27.6	15.4	148.0	1.9	13.8
	57	155.1	150.4	15.8	146.6	141.2	15.5	138.1	131.8	15.2	132.5	116.7	14.9	131.5	76.8	14.9	130.2	36.6	14.9

Table 60: AW23 hot gas reheat capacity performance (75°F)

Air on evap. coil		Temperature of air on condenser coil																	
		Return dry bulb temperature (°F)																	
CFM	WB (°F)	90			85			80			75			70			65		
		TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)
9200	77	195.1	39.3	17.3	201.0	15.6	15.1	201.1	1.4	14.7	-	-	-	-	-	-	-	-	-
	72	179.9	93.4	16.6	178.6	50.2	16.6	177.1	7.1	16.5	183.3	3.4	14.3	-	-	-	-	-	-
	67	165.5	147.6	16.0	164.6	105.1	16.0	163.4	61.4	15.9	161.7	17.2	15.9	167.3	5.6	13.9	-	-	-
	62	162.2	151.6	16.0	153.1	143.1	15.6	150.1	115.1	15.4	148.6	72.7	15.4	147.0	28.1	15.4	152.1	0.8	13.5
	57	162.6	151.7	16.0	153.4	143.1	15.6	144.6	133.5	15.3	135.9	124.7	14.9	135.0	82.7	14.9	133.5	37.6	14.9
10350	77	198.6	43.2	17.2	204.0	15.3	15.1	203.5	1.3	14.7	-	-	-	-	-	-	-	-	-
	72	183.6	102.8	16.5	182.0	54.6	16.5	179.9	6.6	16.5	185.9	3.4	14.3	-	-	-	-	-	-
	67	168.9	154.2	16.0	167.6	113.7	15.9	165.9	65.1	15.9	164.6	16.8	15.9	169.6	5.3	13.9	-	-	-
	62	168.7	153.4	16.0	159.1	141.6	15.7	153.0	125.4	15.4	151.7	75.6	15.4	150.0	26.5	15.3	154.3	7.5	13.5
	57	168.9	153.5	16.0	159.3	141.5	15.7	149.9	132.9	15.3	140.6	122.8	15.0	137.5	87.6	14.9	135.9	37.6	14.8
11500	77	201.1	43.8	17.1	206.2	14.2	15.1	205.7	1.0	14.7	-	-	-	-	-	-	-	-	-
	72	185.7	110.1	16.5	184.5	57.5	16.5	182.5	5.2	16.4	187.9	3.1	14.3	-	-	-	-	-	-
	67	173.9	153.0	16.1	170.1	121.4	15.9	168.7	68.6	15.9	166.8	15.5	15.8	171.5	5.0	13.9	-	-	-
	62	174.1	153.0	16.1	164.2	140.6	15.7	155.0	128.9	15.4	153.8	79.5	15.3	152.0	25.1	15.3	156.2	7.3	13.5
	57	174.4	153.0	16.1	164.4	140.5	15.7	154.6	128.5	15.4	144.6	119.9	15.0	140.0	91.1	14.8	138.2	36.5	14.8

Table 61: AW23 hot gas reheat capacity performance (65°F)

Air on evap. coil		Temperature of air on condenser coil																	
		Return dry bulb temperature (°F)																	
CFM	WB (°F)	90			85			80			75			70			65		
		TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)
65 (°F)																			
5750	77	186.3	28.2	16.6	194.3	16.7	14.2	195.8	2.0	13.8	-	-	-	-	-	-	-	-	-
	72	171.3	67.8	15.8	170.2	39.1	15.8	169.1	10.2	15.8	178.5	4.0	13.3	-	-	-	-	-	-
	67	157.1	107.6	15.1	156.4	78.7	15.1	155.4	49.5	15.1	154.3	20.1	15.1	160.8	4.5	13.3	-	-	-
	62	143.1	143.0	14.6	143.1	117.6	14.5	142.2	88.3	14.5	141.4	59.0	14.5	140.3	29.2	14.5	145.6	11.3	12.9
	57	141.7	141.2	14.6	134.3	134.1	14.3	129.4	126.8	14.0	129.1	97.1	14.0	128.2	67.3	14.0	127.3	37.3	14.0
6900	77	195.2	34.8	16.4	194.3	1.5	16.3	203.4	2.2	13.7	-	-	-	-	-	-	-	-	-
	72	179.9	78.7	15.7	178.7	44.9	15.7	177.3	10.9	15.6	185.4	4.4	13.3	-	-	-	-	-	-
	67	165.2	124.5	15.0	164.3	90.5	15.0	163.1	56.3	15.0	161.9	22.1	15.0	167.7	1.2	13.2	-	-	-
	62	153.3	152.6	14.7	150.4	135.3	14.5	149.6	101.0	14.5	148.5	66.5	14.4	146.5	31.4	14.4	152.4	10.0	12.8
	57	153.5	152.7	14.7	145.4	143.9	14.4	137.4	135.2	14.1	135.8	110.2	14.0	135.0	75.5	14.0	133.7	40.3	13.9
8050	77	201.8	40.5	16.2	200.3	2.3	16.2	208.4	2.4	13.6	-	-	-	-	-	-	-	-	-
	72	185.4	88.6	15.6	184.8	51.3	15.6	182.8	12.2	15.5	190.2	4.4	13.2	-	-	-	-	-	-
	67	171.2	139.2	15.0	170.1	100.5	15.0	168.9	61.4	15.0	167.4	22.1	14.9	173.6	2.8	12.9	-	-	-
	62	162.8	158.3	14.8	155.6	148.1	14.5	154.9	112.5	14.4	153.8	73.0	14.4	152.4	33.2	14.4	156.5	7.0	12.8
	57	163.0	158.6	14.8	154.2	148.7	14.4	145.7	139.5	14.1	140.8	122.8	13.9	139.7	82.4	13.9	138.5	42.3	13.9
9200	77	206.7	45.3	16.1	204.7	2.4	16.1	211.9	2.6	13.6	-	-	-	-	-	-	-	-	-
	72	190.8	99.8	15.5	189.2	56.2	15.5	187.5	12.8	15.4	193.8	4.6	13.2	-	-	-	-	-	-
	67	175.5	153.8	14.9	174.7	111.3	14.9	173.0	67.1	14.9	171.2	22.8	14.9	176.9	6.8	12.8	-	-	-
	62	170.8	160.0	14.9	161.6	151.2	14.5	159.1	122.8	14.4	157.8	78.6	14.3	156.2	34.0	14.3	159.9	2.6	12.8
	57	171.1	160.1	14.9	161.7	151.1	14.5	152.3	141.3	14.2	144.4	131.3	13.9	143.5	88.6	13.9	142.2	43.6	13.8
10350	77	210.3	49.2	16.0	208.2	1.9	16.0	214.4	2.5	13.6	-	-	-	-	-	-	-	-	-
	72	194.4	108.9	15.4	192.7	60.4	15.4	191.0	12.6	15.4	196.1	4.5	13.2	-	-	-	-	-	-
	67	178.6	161.3	15.0	177.7	120.2	14.9	175.9	71.2	14.8	174.6	22.7	14.8	179.3	6.3	12.8	-	-	-
	62	177.4	161.8	14.9	167.8	150.1	14.6	162.2	131.1	14.3	161.0	81.4	14.3	158.6	31.7	14.3	163.6	2.4	12.5
	57	177.6	161.8	14.9	167.7	149.8	14.6	158.2	141.0	14.3	148.5	130.7	14.0	146.4	93.6	13.8	144.9	43.5	13.8
11500	77	213.4	51.4	15.9	211.1	0.5	15.9	216.6	2.2	13.5	-	-	-	-	-	-	-	-	-
	72	197.0	116.3	15.4	195.3	63.4	15.3	192.9	10.9	15.3	198.5	4.3	13.1	-	-	-	-	-	-
	67	183.3	162.0	15.0	180.6	127.9	14.8	178.9	74.5	14.8	177.0	21.3	14.7	181.7	6.2	12.8	-	-	-
	62	183.2	161.7	15.0	173.0	149.2	14.7	164.4	135.0	14.3	163.3	85.4	14.3	161.6	31.0	14.3	164.8	8.4	12.5
	57	183.4	161.5	15.0	173.0	148.8	14.6	163.0	138.7	14.3	153.2	128.2	14.0	148.9	97.1	13.8	147.0	42.2	13.8

Table 62: AW23 hot gas reheat capacity performance (55°F)

Air on evap. coil		Temperature of air on condenser coil																	
		Return dry bulb temperature (°F)																	
CFM	WB (°F)	90			85			80			75			70			65		
		TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)
55 (°F)																			
5750	77	195.1	33.3	15.5	195.0	5.6	15.5	205.9	3.3	12.7	-	-	-	-	-	-	-	-	-
	72	179.6	73.1	14.8	177.9	43.7	14.8	178.7	16.3	14.7	186.3	2.0	12.7	-	-	-	-	-	-
	67	164.3	112.2	14.1	164.2	84.0	14.1	164.0	55.4	14.1	164.0	27.0	14.1	171.1	11.7	12.3	-	-	-
	62	150.0	148.9	13.6	150.3	122.7	13.6	149.3	93.3	13.6	148.5	63.6	13.6	147.6	34.2	13.6	147.0	4.5	13.6
	57	148.6	148.2	13.6	140.1	140.1	13.3	136.3	131.9	13.1	135.8	102.0	13.1	135.0	72.2	13.1	134.0	42.1	13.1
6900	77	204.7	39.9	15.3	204.4	7.5	15.3	214.2	3.5	12.7	-	-	-	-	-	-	-	-	-
	72	188.8	84.0	14.7	187.1	49.8	14.6	187.5	17.4	14.6	194.6	0.2	12.6	-	-	-	-	-	-
	67	173.2	129.5	14.1	173.1	96.3	14.0	172.3	62.5	14.0	171.9	29.0	14.0	178.6	8.6	12.2	-	-	-
	62	159.7	159.0	13.7	157.8	140.9	13.6	157.0	106.1	13.5	156.3	71.7	13.5	155.1	36.8	13.5	154.1	2.0	13.5
	57	160.9	160.1	13.7	151.8	150.3	13.4	143.8	141.5	13.1	143.2	115.5	13.1	142.2	80.6	13.0	141.1	45.4	13.0
8050	77	211.7	45.9	15.2	210.6	8.2	15.1	220.1	3.8	12.6	-	-	-	-	-	-	-	-	-
	72	195.5	95.3	14.5	193.4	55.9	14.5	193.9	19.0	14.5	201.4	1.4	12.2	-	-	-	-	-	-
	67	179.2	144.0	14.0	179.4	106.4	14.0	178.7	67.7	14.0	178.4	29.5	13.9	184.1	6.7	12.2	-	-	-
	62	169.8	165.3	13.8	163.5	153.6	13.5	163.1	117.8	13.5	162.0	78.4	13.4	160.5	38.5	13.4	165.4	12.8	11.9
	57	171.1	166.4	13.8	161.0	155.5	13.5	152.3	146.1	13.2	148.2	128.3	13.0	147.5	87.9	13.0	146.3	47.7	13.0
9200	77	216.7	50.8	15.0	215.6	8.7	15.0	224.0	4.0	12.5	-	-	-	-	-	-	-	-	-
	72	200.6	105.6	14.5	198.3	61.3	14.4	198.8	20.0	14.4	205.3	6.1	12.2	-	-	-	-	-	-
	67	184.1	158.5	13.9	184.2	117.2	13.9	183.3	73.6	13.9	183.0	30.6	13.9	187.8	3.4	12.2	-	-	-
	62	178.1	167.0	13.9	169.0	158.7	13.5	167.4	128.5	13.4	166.2	83.9	13.4	164.7	39.4	13.4	168.9	8.1	11.8
	57	179.5	169.9	13.8	169.0	158.6	13.5	159.6	148.5	13.3	152.1	136.8	13.0	151.3	93.7	13.0	150.1	48.9	12.9
10350	77	220.2	52.9	14.9	219.5	8.3	14.9	226.7	4.1	12.5	-	-	-	-	-	-	-	-	-
	72	204.5	114.6	14.4	202.0	65.7	14.4	203.2	20.5	14.3	208.2	6.1	12.1	-	-	-	-	-	-
	67	187.2	166.5	13.9	187.5	126.2	13.9	186.8	78.0	13.8	186.2	30.4	13.8	191.9	3.6	11.8	-	-	-
	62	185.1	169.1	13.9	175.5	159.4	13.6	170.9	136.7	13.4	169.6	86.9	13.4	168.0	37.6	13.3	171.4	4.0	11.8
	57	186.6	170.4	13.9	175.1	157.1	13.6	165.4	148.4	13.3	155.8	137.9	13.0	154.4	99.0	12.9	152.9	48.8	12.9
11500	77	223.0	55.6	14.9	221.9	6.6	14.8	228.8	3.6	12.4	-	-	-	-	-	-	-	-	-
	72	207.3	122.1	14.3	204.6	68.5	14.3	204.9	17.8	14.2	210.3	5.8	12.1	-	-	-	-	-	-
	67	190.8	171.0	14.0	190.3	134.1	13.8	189.5	81.1	13.8	189.2	29.2	13.7	194.2	7.2	11.8	-	-	-
	62	190.7	169.2	14.0	180.9	156.8	13.6	173.1	141.0	13.4	172.2	91.1	13.3	170.1	36.2	13.3	174.4	2.5	11.5
	57	192.5	170.3	14.0	180.8	156.5	13.6	170.7	146.3	13.3	160.5	135.5	13.1	157.1	100.3	12.9	155.3	47.5	12.9

Table 63: AW23 hot gas reheat capacity performance (45°F)

Air on evap. coil		Temperature of air on condenser coil																	
		Return dry bulb temperature (°F)																	
CFM	WB (°F)	90			85			80			75			70			65		
		TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)
45 (°F)																			
5750	77	202.4	37.9	14.5	201.8	9.6	14.5	212.8	1.9	11.8	-	-	-	-	-	-	-	-	-
	72	186.6	77.7	13.8	186.5	49.7	13.8	185.8	20.8	13.8	193.7	6.2	11.8	-	-	-	-	-	-
	67	171.7	117.4	13.3	171.0	88.4	13.2	170.2	59.3	13.2	169.9	30.6	13.2	169.5	1.4	13.2	-	-	-
	62	157.8	154.9	12.8	157.7	128.2	12.7	157.0	99.0	12.7	156.2	69.3	12.7	155.3	39.9	12.7	154.9	10.2	12.7
	57	154.2	154.1	12.7	147.0	146.1	12.5	143.6	137.6	12.3	143.1	107.6	12.3	142.4	77.9	12.3	141.7	48.0	12.3
6900	77	212.5	44.9	14.3	211.1	11.3	14.3	221.5	0.9	11.7	-	-	-	-	-	-	-	-	-
	72	196.1	88.5	13.7	195.7	55.4	13.7	194.6	21.7	13.7	201.7	4.4	11.7	-	-	-	-	-	-
	67	180.3	134.4	13.2	179.8	100.6	13.1	179.0	66.6	13.1	178.6	32.9	13.1	184.4	11.9	11.4	-	-	-
	62	166.9	166.4	12.8	165.8	146.8	12.7	165.5	112.1	12.6	164.5	77.5	12.6	163.6	42.9	12.6	162.7	8.1	12.6
	57	166.9	166.2	12.8	159.0	157.3	12.5	151.1	149.9	12.3	151.1	121.6	12.2	150.3	86.6	12.2	149.2	51.4	12.2
8050	77	220.4	51.1	14.2	218.6	12.3	14.1	227.5	4.7	11.6	-	-	-	-	-	-	-	-	-
	72	203.0	100.0	13.6	202.6	62.0	13.6	201.2	23.3	13.5	207.3	1.8	11.6	-	-	-	-	-	-
	67	187.2	149.6	13.1	186.6	110.8	13.1	185.3	71.6	13.0	184.8	33.0	13.0	190.5	10.0	11.3	-	-	-
	62	177.6	172.8	12.9	171.9	160.1	12.6	171.6	123.9	12.6	170.7	84.4	12.6	169.5	44.7	12.5	168.3	5.3	12.5
	57	177.4	172.9	12.9	168.6	163.1	12.6	160.0	153.8	12.3	156.6	134.4	12.2	155.8	94.0	12.1	155.0	54.0	12.1

Table 63: AW23 hot gas reheat capacity performance (45°F)

Air on evap. coil		Temperature of air on condenser coil																	
		Return dry bulb temperature (°F)																	
CFM	WB (°F)	90			85			80			75			70			65		
		TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)
9200	77	225.8	56.3	14.0	223.7	13.1	14.0	231.7	4.8	11.5	-	-	-	-	-	-	-	-	-
	72	208.1	110.0	13.5	207.4	67.1	13.5	205.6	24.1	13.4	212.9	3.3	11.2	-	-	-	-	-	-
	67	192.2	164.4	13.0	191.4	121.7	13.0	189.8	77.4	13.0	189.4	34.0	12.9	194.3	6.8	11.2	-	-	-
	62	186.2	176.7	12.9	177.0	167.7	12.6	176.0	134.8	12.5	175.2	90.2	12.5	173.8	45.6	12.5	172.2	1.4	12.4
	57	186.0	176.2	12.9	176.7	166.2	12.6	167.5	156.2	12.4	160.5	143.3	12.1	160.0	100.2	12.1	158.8	55.1	12.1
10350	77	230.0	60.3	13.9	228.1	12.8	13.9	235.2	4.7	11.5	-	-	-	-	-	-	-	-	-
	72	212.1	119.3	13.4	211.6	71.8	13.4	209.9	23.7	13.3	216.4	6.9	11.2	-	-	-	-	-	-
	67	195.6	172.7	13.0	195.2	130.8	12.9	193.7	82.0	12.9	192.8	34.6	12.9	197.4	2.8	11.2	-	-	-
	62	193.2	176.9	13.0	183.6	167.4	12.7	179.8	143.1	12.5	178.7	93.0	12.5	177.2	43.8	12.4	181.1	10.5	10.9
	57	193.0	177.3	13.0	183.5	165.2	12.7	173.6	156.4	12.4	164.1	147.0	12.1	163.4	105.5	12.1	161.9	55.2	12.0
11500	77	233.1	63.3	13.8	231.3	11.5	13.8	237.5	4.4	11.4	-	-	-	-	-	-	-	-	-
	72	215.3	127.5	13.4	214.3	74.8	13.3	212.3	22.1	13.3	218.5	6.5	11.1	-	-	-	-	-	-
	67	198.8	177.3	13.0	197.3	138.3	12.9	196.2	85.1	12.8	195.4	32.4	12.8	200.4	1.9	10.9	-	-	-
	62	199.2	178.8	13.0	189.2	164.8	12.7	182.5	147.4	12.5	181.4	97.2	12.4	179.9	42.8	12.4	183.2	5.2	10.9
	57	199.2	179.2	13.0	189.1	164.4	12.7	178.9	154.5	12.4	168.7	143.5	12.2	165.6	109.2	12.0	164.5	53.9	12.0

Table 64: AW23 hot gas reheat capacity performance (35°F)

Air on evap. coil		Temperature of air on condenser coil																	
		Return dry bulb temperature (°F)																	
CFM	WB (°F)	90			85			80			75			70			65		
		TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)	TC MBH	SC MBH	Total Input (kW)
35 (°F)																			
5750	77	211.5	43.5	13.6	212.3	69.8	12.8	201.9	1.1	11.1	-	-	-	-	-	-	-	-	-
	72	196.6	73.7	12.5	193.2	54.1	13.0	197.1	11.6	13.1	200.6	10.8	10.9	-	-	-	-	-	-
	67	178.7	122.9	12.4	178.2	94.0	12.4	177.2	64.8	12.4	176.8	35.6	12.4	176.4	6.4	12.4	-	-	-
	62	164.4	160.1	11.9	164.2	133.2	11.9	163.5	103.7	11.9	162.8	74.3	11.9	162.1	44.8	11.9	161.5	15.0	11.9
	57	161.7	161.2	11.9	153.7	153.1	11.7	150.9	143.6	11.5	150.6	113.6	11.5	149.2	82.9	11.5	148.6	53.3	11.5
6900	77	231.2	63.0	13.1	230.1	61.6	12.7	229.8	2.1	11.2	-	-	-	-	-	-	-	-	-
	72	192.6	64.3	13.3	203.4	60.4	12.8	224.3	26.3	12.2	209.5	9.5	10.8	-	-	-	-	-	-
	67	188.5	143.1	12.3	187.8	106.6	12.3	186.9	72.4	12.3	185.9	38.2	12.3	186.3	5.2	12.2	-	-	-
	62	176.8	164.7	12.1	172.1	151.8	11.8	172.0	117.0	11.8	171.1	82.4	11.8	170.3	47.7	11.8	169.2	12.9	11.8
	57	175.1	174.4	12.0	165.9	164.5	11.7	158.7	156.7	11.5	159.0	127.7	11.4	157.4	92.0	11.4	156.5	57.0	11.4
8050	77	238.2	103.0	12.6	237.3	100.7	12.2	236.6	5.7	11.1	-	-	-	-	-	-	-	-	-
	72	211.9	105.1	12.7	223.7	98.8	12.3	209.4	28.3	12.7	215.3	6.2	10.8	-	-	-	-	-	-
	67	195.6	156.8	12.2	194.9	116.8	12.2	193.5	77.8	12.2	192.5	39.8	12.2	191.7	0.4	12.1	-	-	-
	62	183.6	178.8	12.1	178.7	164.8	11.8	178.3	129.2	11.8	177.3	89.5	11.7	176.4	49.8	11.7	175.0	10.2	11.7
	57	185.6	180.4	12.0	175.8	170.1	11.8	167.2	160.9	11.5	164.7	141.0	11.4	163.2	99.6	11.3	162.3	59.5	11.3
9200	77	236.1	61.5	13.1	252.3	126.1	12.1	241.8	5.9	11.0	-	-	-	-	-	-	-	-	-
	72	218.1	117.1	12.6	112.3	47.1	13.1	215.1	29.3	12.5	220.1	3.4	10.7	-	-	-	-	-	-
	67	201.4	152.3	12.3	200.2	128.8	12.1	199.1	83.8	12.1	197.6	39.6	12.1	203.1	12.7	10.4	-	-	-
	62	189.0	183.5	12.1	187.2	178.2	12.0	183.0	140.3	11.7	182.2	95.6	11.7	181.1	50.9	11.7	179.9	7.0	11.6
	57	191.0	184.2	12.0	185.2	181.1	11.8	174.6	163.0	11.6	168.9	149.4	11.3	167.1	105.7	11.3	166.2	60.7	11.3
10350	77	241.6	66.9	13.0	243.3	37.7	12.0	245.1	8.5	10.9	-	-	-	-	-	-	-	-	-
	72	233.4	156.2	11.8	221.1	77.5	12.5	229.4	42.5	12.3	222.3	9.7	10.6	-	-	-	-	-	-
	67	215.5	186.5	12.1	209.2	137.5	12.2	203.0	88.6	12.0	204.7	48.7	11.2	206.5	8.8	10.3	-	-	-
	62	202.2	198.2	12.0	194.4	173.3	12.0	186.7	148.4	11.7	185.6	100.1	11.6	187.7	51.9	11.6	183.6	1.6	11.6
	57	204.4	200.2	11.7	192.6	181.8	11.9	180.9	163.5	11.6	172.3	154.2	11.3	170.9	111.1	11.3	169.5	61.0	11.2
11500	77	245.2	68.3	12.9	242.6	16.1	12.9	247.9	12.4	10.9	-	-	-	-	-	-	-	-	-
	72	236.9	163.5	12.3	224.5	80.6	12.4	238.4	62.1	12.0	226.9	21.1	10.6	-	-	-	-	-	-
	67	218.7	193.6	12.1	210.3	172.2	13.1	205.7	91.6	12.0	237.2	105.6	13.7	209.0	3.5	10.3	-	-	-
	62	205.3	200.6	12.0	185.1	170.3	12.2	164.9	140.1	13.1	188.6	102.4	11.6	174.8	31.9	15.2	191.3	10.6	10.1
	57	207.5	201.3	11.9	196.9	181.6	12.0	186.3	161.8	11.6	176.5	151.3	11.4	173.6	115.2	11.2	172.2	57.8	11.2

Airflow performance

Table 65: AW13 bottom duct application

SCFM	Available external static pressure - IWG																			
	0.2		0.4		0.6		0.8		1.0		1.2		1.4		1.6		1.8		2.0	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
	Standard static 2.9 HP and field drive		Standard static 2.9 HP and drive						Medium static 3.7 HP and drive						High static 5.25 HP and drive					
3250	637	0.87	756	1.12	861	1.35	930	1.54	1019	1.72	1102	1.88	1179	2.03	1251	2.17	1319	2.31	1383	2.46
3500	655	0.99	771	1.24	874	1.46	940	1.66	1029	1.84	1111	2.00	1187	2.14	1259	2.29	1326	2.43	1390	2.58
3750	673	1.11	786	1.36	887	1.58	951	1.78	1038	1.96	1120	2.12	1196	2.26	1267	2.41	1334	2.55	1397	2.70
4000	691	1.23	802	1.48	901	1.71	962	1.90	1048	2.08	1129	2.24	1204	2.39	1275	2.53	1342	2.67	1404	2.83
4250	709	1.36	818	1.61	916	1.83	973	2.03	1059	2.20	1139	2.36	1214	2.51	1284	2.66	1350	2.80	1412	2.95
4500	729	1.49	835	1.74	931	1.96	985	2.16	1070	2.34	1149	2.49	1223	2.64	1293	2.79	1359	2.93	1421	3.08
4750	749	1.62	852	1.88	946	2.10	998	2.30	1082	2.47	1161	2.63	1234	2.78	1303	2.92	1368	3.07	1430	3.22
5000	770	1.77	871	2.02	963	2.24	1013	2.44	1095	2.62	1173	2.77	1246	2.92	1314	3.07	1379	3.21	1440	3.36
5250	793	1.92	891	2.17	981	2.40	1028	2.59	1110	2.77	1186	2.93	1258	3.08	1326	3.22	1390	3.36	1451	3.51
5500	817	2.08	912	2.34	1001	2.56	1045	2.76	1125	2.93	1201	3.09	1272	3.24	1339	3.38	1403	3.53	---	---
5750	842	2.26	935	2.51	1022	2.73	1063	3.05	1142	3.10	1217	3.26	1287	3.41	1353	3.56	---	---	---	---
6000	869	2.44	960	2.70	1044	3.06	1083	3.21	1161	3.29	1234	3.45	1303	3.60	---	---	---	---	---	---
6250	898	2.64	986	3.07	1068	3.20	1105	3.32	1181	3.49	1253	3.65	---	---	---	---	---	---	---	---
															High static 5.25 HP and Field Drive					

Note:
1. Blower performance includes gas heat exchangers and 2 in. filters. See the static resistance table for additional applications.
2. See the RPM selection table to determine desired motor sheave setting and to determine the maximum continuous BHP.
3. kW = BHP x 0.858.

Table 66: AW15 bottom duct application

SCFM	Available external static pressure - IWG																			
	0.2		0.4		0.6		0.8		1.0		1.2		1.4		1.6		1.8		2.0	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
	Standard static 2.9 HP and Field Drive		Standard static 2.9 HP and drive						Medium static 3.7 HP and drive						High static 5.25 HP and drive					
3900	561	0.68	648	1.04	726	1.35	797	1.63	862	1.88	923	2.11	980	2.35	1032	2.58	1082	2.84	1128	3.12
4200	575	0.83	660	1.19	737	1.51	807	1.78	871	2.04	932	2.27	988	2.50	1040	2.74	1089	3.00	1135	3.28
4500	589	0.99	672	1.35	747	1.66	816	1.94	880	2.19	940	2.43	996	2.66	1048	2.90	1096	3.15	1142	3.43
4800	602	1.14	684	1.50	758	1.81	826	2.09	889	2.34	948	2.58	1004	2.81	1055	3.05	1103	3.30	1149	3.58
5100	616	1.29	696	1.65	769	1.96	836	2.24	899	2.49	957	2.72	1012	2.96	1063	3.19	1111	3.45	1156	3.73
5400	629	1.43	708	1.79	780	2.11	846	2.38	908	2.64	966	2.87	1020	3.10	1071	3.34	1118	3.60	1163	3.88
5700	643	1.58	720	1.94	791	2.26	856	2.53	917	2.79	975	3.02	1028	3.25	1079	3.49	1126	3.75	1170	4.03
6000	657	1.74	733	2.10	802	2.41	867	2.69	927	2.94	984	3.18	1037	3.41	1087	3.65	1134	3.90	1178	4.19
6300	672	1.90	746	2.26	814	2.57	878	2.85	938	3.10	994	3.34	1047	3.57	1096	3.81	1143	4.06	1186	4.34
6600	687	2.07	759	2.43	827	2.74	890	3.02	949	3.27	1004	3.50	1056	3.74	1106	3.97	1152	4.23	---	---
6900	703	2.24	774	2.60	840	2.92	902	3.19	960	3.45	1015	3.68	1067	3.91	1116	4.15	---	---	---	---
7200	720	2.44	789	2.80	854	3.11	915	3.39	973	3.64	1027	3.87	1078	4.11	---	---	---	---	---	---
7500	737	2.64	805	3.00	880	3.50	929	3.59	986	3.84	1039	4.08	1090	4.31	---	---	---	---	---	---
															High static 5.25 HP and Field Drive					

Note:
1. Blower performance includes gas heat exchangers and 2 in. filters. See the static resistance table for additional applications.
2. See the RPM selection table to determine desired motor sheave setting and to determine the maximum continuous BHP.
3. kW = BHP x 0.858.

Table 67: AW18 bottom duct application

SCFM	Available external static pressure - IWG																			
	0.2		0.4		0.6		0.8		1.0		1.2		1.4		1.6		1.8		2.0	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
	Standard static 3.7 HP and Field Drive		Standard static 3.7 HP and drive						Medium static 5.25 HP and drive						High static 7.5 HP and drive					
4375	583	0.95	667	1.32	743	1.64	812	1.93	877	2.19	936	2.43	992	2.67	1044	2.91	1093	3.18	1139	3.47
4813	603	1.18	684	1.55	758	1.87	827	2.15	890	2.41	949	2.66	1004	2.90	1055	3.14	1104	3.40	1149	3.69
5250	622	1.40	702	1.77	774	2.09	841	2.38	903	2.64	961	2.88	1016	3.12	1067	3.36	1115	3.63	1159	3.92

Table 67: AW18 bottom duct application

SCFM	Available external static pressure - IWG																			
	0.2		0.4		0.6		0.8		1.0		1.2		1.4		1.6		1.8		2.0	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
5688	642	1.62	719	1.99	790	2.32	856	2.60	917	2.86	974	3.10	1028	3.34	1078	3.59	1126	3.85	1170	4.14
6125	663	1.86	738	2.23	807	2.55	871	2.83	932	3.09	988	3.33	1041	3.57	1091	3.82	1138	4.08	1182	4.37
6563	685	2.10	758	2.47	825	2.80	888	3.08	947	3.34	1003	3.58	1055	3.82	1104	4.07	1151	4.33	1194	4.62
7000	708	2.37	779	2.74	845	3.07	906	3.35	964	3.61	1019	3.85	1071	4.09	1119	4.34	1165	4.60	1208	4.89
7438	734	2.67	802	3.04	866	3.37	926	3.65	983	3.91	1037	4.15	1087	4.39	1135	4.64	1180	4.90	---	---
7875	761	3.01	827	3.38	889	3.70	948	3.99	1004	4.25	1056	4.49	1106	4.73	1153	4.97	---	---	---	---
8313	790	3.40	854	3.77	915	4.09	972	4.37	1026	4.63	1078	4.88	1126	5.11	---	---	---	---	---	---
8750	822	3.84	884	4.21	942	4.53	998	4.81	1051	5.07	1101	5.32	1149	5.55	---	---	---	---	---	---

Note:
1. Blower performance includes gas heat exchangers and 2 in. filters. See the static resistance table for additional applications.
2. See the RPM selection table to determine desired motor sheave setting and to determine the maximum continuous BHP.
3. kW = BHP x 0.834.

Table 68: AW20 bottom duct application

SCFM	Available external static pressure - IWG																			
	0.2		0.4		0.6		0.8		1.0		1.2		1.4		1.6		1.8		2.0	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
	Standard static 5.25 HP and field drive				Standard static 5.25 HP and drive				Medium static 5.25 HP and drive						High static 7.5 HP and drive					
5000	602	0.52	682	0.90	759	1.36	833	1.85	903	2.35	968	2.83	1026	3.26	1079	3.59	1124	3.80	1161	3.86
5500	639	0.90	714	1.28	788	1.73	860	2.23	928	2.73	991	3.21	1048	3.63	1099	3.97	1144	4.18	1181	4.24
6000	677	1.32	749	1.71	820	2.16	889	2.66	955	3.16	1016	3.64	1072	4.06	1122	4.39	1166	4.61	1202	4.66
6500	717	1.79	785	2.17	853	2.63	920	3.12	983	3.63	1043	4.11	1098	4.53	1147	4.86	1189	5.07	1225	5.13
7000	759	2.30	823	2.68	888	3.14	952	3.63	1014	4.14	1072	4.62	1125	5.04	1173	5.37	1215	5.58	1250	5.64
7500	800	2.85	862	3.23	924	3.68	986	4.18	1046	4.68	1102	5.16	1154	5.58	1200	5.92	1241	6.13	1275	6.19
8000	842	3.43	901	3.81	961	4.26	1020	4.76	1078	5.26	1133	5.74	1183	6.16	1229	6.50	1269	6.71	---	---
8500	884	4.04	939	4.42	997	4.87	1055	5.37	1111	5.87	1164	6.35	---	---	---	---	---	---	---	---
9000	924	4.67	978	5.05	1033	5.51	1089	6.00	1143	6.50	---	---	---	---	---	---	---	---	---	---
9500	980	5.62	1015	5.71	1069	6.16	1123	6.66	---	---	---	---	---	---	---	---	---	---	---	---
10000	1002	6.00	1052	6.38	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
															High static 7.5 HP and Field Drive					

Note:
1. Blower performance includes gas heat exchangers and 2 in. filters. See the static resistance table for additional applications.
2. See the RPM selection table to determine desired motor sheave setting and to determine the maximum continuous BHP.
3. kW = BHP x 0.834

Table 69: AW23 bottom duct application

Air flow (CFM)	Available external static pressure - IWG																			
	0.2		0.4		0.6		0.8		1.0		1.2		1.4		1.6		1.8		2.0	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
	Standard static 5.25 HP and Field Drive				Standard static 5.25 HP and drive				Standard static 7.5 HP and drive						Medium static 10 HP and drive					
5750	658	1.11	731	1.49	804	1.94	874	2.44	941	2.94	1003	3.42	1060	3.84	1110	4.18	1154	4.39	1191	4.44
6325	703	1.62	772	2.01	841	2.46	909	2.96	973	3.46	1033	3.94	1089	4.36	1138	4.69	1181	4.91	1217	4.96
6900	750	2.20	815	2.58	881	3.03	946	3.53	1008	4.03	1066	4.51	1120	4.93	1168	5.27	1210	5.48	1245	5.54
7475	798	2.82	860	3.20	922	3.66	984	4.15	1044	4.65	1100	5.13	1152	5.56	1199	5.89	1240	6.10	1274	6.16
8050	846	3.49	904	3.87	964	4.32	1024	4.82	1081	5.32	1136	5.80	1186	6.22	1232	6.56	1271	6.77	1305	6.83
8625	894	4.19	949	4.57	1006	5.03	1063	5.52	1119	6.03	1171	6.51	1220	6.93	1265	7.26	1303	7.47	1336	7.53
9200	940	4.93	993	5.31	1048	5.77	1103	6.26	1156	6.76	1207	7.24	1255	7.67	1298	8.00	1336	8.21	1367	8.27
9775	985	5.69	1035	6.07	1088	6.53	1141	7.02	1193	7.53	1242	8.01	1289	8.43	1331	8.76	---	---	---	---
10350	1028	6.48	1082	6.86	1127	7.31	1178	7.81	1229	8.31	1277	8.79	---	---	---	---	---	---	---	---
10925	1080	7.27	1115	7.65	1164	8.10	1214	8.60	---	---	---	---	---	---	---	---	---	---	---	---
11500	1106	8.07	1151	8.45	1199	8.90	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Note:
1. Blower performance includes gas heat exchangers and 2 in. filters. See the static resistance table for additional applications.
2. See the RPM selection table to determine desired motor sheave setting and to determine the maximum continuous BHP.
3. kW = BHP x 0.834

AW13 to AW23 rpm selection

Table 70: RPM selection

Size (ton)	Model	hp	Max bhp	Motor sheave	Blower sheave	6 Turns open	5 Turns open	4 Turns open	3 Turns open	2 Turns open	1 Turns open	Fully closed	Turns	Max Dia turns	Min rpm	Max rpm	Motor efficiency
13	AW	2.9	2.90	1VP40	1B5V66	NA	711	766	820	875	929	984	5	0	711	984	86.9
		3.7	3.70	1VP40	1B5V54	860	921	983	1044	1106	1167	NA	6	1	860	1167	89.5
		5.25	5.75	1VP60	1B5V74	1142	1192	1240	1289	1338	1386	1435	6	0	1142	1434	89.5
15	AW	2.9	2.90	1VP40	1B5V74	636	682	727	773	818	864	NA	6	1	636	864	86.9
		3.7	3.70	1VP40	1B5V64	731	784	836	888	940	993	NA	6	1	731	993	89.5
		5.25	5.75	1VM50	1B5V74	904	950	1000	1046	1095	1142	NA	6	1	904	1142	89.5
18	AW	3.7	3.45	1VL44	1B5V86	NA	625	667	709	750	792	834	5	0	625	834	89.5
		5.25	5.75	1VM50	1B5V74	822	865	908	952	995	1038	NA	6	1	822	1038	89.5
		7.5	8.63	1VP71	1B5V94	1005	1040	1075	1109	1144	1178	1213	6	0	1005	1213	91
20	AW	5.25	5.75	1VM50	1B5V90	723	761	799	837	875	913	NA	6	1	723	913	89.5
		5.25	8.63	1VM50	1B5V74	924	973	1021	1070	1118	1167	NA	6	1	924	1167	89.5
		7.5	8.63	1VP71	1B5V94	1005	1040	1075	1109	1144	1178	1213	6	0	1005	1213	91
23	AW	5.25	5.75	1VM50	1B5V80	801	843	885	927	969	1011	NA	6	1	801	1011	89.5
		7.5	8.63	1VP60	1B5V80	933	973	1013	1053	1092	1132	1172	6	0	933	1172	91
		10.0	11.50	1VP60	1B5V74	1108	1155	1202	1250	1296	1344	1391	6	0	1108	1391	91.7

Table 71: Additional static resistance

Model	CFM	Cooling only	Reheat coil	Economizer	Electric heat kW			4 in. MERV 13	2 in. MERV 8	2 in. MERV 13
					25	50	75			
AW13 to AW23	3500	0.05	0.01	0.01	0.01	0.01	0.02	0.04	0.05	0.04
	4000	0.09	0.01	0.01	0.01	0.01	0.02	0.04	0.05	0.04
	5000	0.11	0.01	0.05	0.02	0.02	0.03	0.05	0.05	0.05
	6000	0.15	0.03	0.07	0.04	0.04	0.05	0.06	0.05	0.06
	7000	0.20	0.04	0.11	0.05	0.06	0.07	0.07	0.06	0.07
	8000	0.28	0.06	0.13	0.07	0.08	0.09	0.09	0.07	0.09
	9000	0.38	0.07	0.16	0.09	0.10	0.11	0.10	0.08	0.10
	10000	0.49	0.08	0.19	0.12	0.13	0.14	0.13	0.09	0.13
	11000	0.60	0.10	0.23	0.18	0.20	0.22	0.15	0.11	0.15
	12000	0.70	0.11	0.28	0.26	0.29	0.32	0.18	0.13	0.18

Note:

1. For cooling only models, add the cooling only value to the available static resistance in the respective blower performance tables.
2. For models with electric heat, add the electric heat value for your heater size to the available static resistance in the respective blower performance tables.
3. If the unit contains a reheat coil or economizer, deduct the corresponding value from the available external static pressure shown in the respective blower performance tables.
4. The pressure drop through the economizer is greater for 100% outdoor air than for 100% return air. If the resistance of the return air duct is less than 0.25 IWG, the unit delivers less CFM during full economizer operation.

Drive selection

1. Determine the required airflow.
2. Calculate or measure the amount of external static pressure.
3. With the operating point determined from the previous steps, locate this point on the appropriate supply air blower performance table. Linear interpolation may be necessary.
4. Note the rpm and bhp from the previous step and locate the appropriate motor and/or drive.
5. Review the bhp compared to the motor options available. Select the appropriate motor and/or drive.
6. Review the rpm range for the motor options available. Select the appropriate drive if multiple drives are available for the chosen motor.
7. Determine the turns open to obtain the required operation point.

Example:

1. 4500 cfm
2. 1.0 iwg
3. Using the following supply air blower performance table, the following data point was located: 1,070 rpm and 2.34 bhp.
4. Using the following rpm selection table below, Size X and Model Y is found.
5. 2.34 bhp does not exceed the maximum continuous bhp rating of any of the 3 motor options, so all 3 motors are still eligible for selection.
6. 1,070 rpm falls within the range of the 3.7 hp drive.
7. Using the 3.7 hp motor, 2.5 turns open achieves 1,070 rpm.

Table 72: Example supply air blower performance

cfm	Available external static pressure - IWG																			
	0.2		0.4		0.6		0.8		1.0		1.2		1.4		1.6		1.8		2.0	
	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp
	Standard 2.9 hp and field drive		Standard static 2.9 hp and drive						Medium static 3.7 hp and drive						High static 5.25 hp and drive					
3250	637	0.87	756	1.12	861	1.35	930	1.54	1019	1.72	1102	1.88	1179	2.03	1251	2.17	1319	2.31	1383	2.46
3500	655	0.99	771	1.24	874	1.46	940	1.66	1029	1.84	1111	2.00	1187	2.14	1259	2.29	1326	2.43	1390	2.58
3750	673	1.11	786	1.36	887	1.58	951	1.78	1038	1.96	1120	2.12	1196	2.26	1267	2.41	1334	2.55	1397	2.70
4000	691	1.23	802	1.48	901	1.71	962	1.90	1048	2.08	1129	2.24	1204	2.39	1275	2.53	1342	2.67	1404	2.83
4250	709	1.36	818	1.61	916	1.83	973	2.03	1059	2.20	1139	2.36	1214	2.51	1284	2.66	1350	2.80	1412	2.95
4500	729	1.49	835	1.74	931	1.96	985	2.16	1070	2.34	1149	2.49	1223	2.64	1293	2.79	1359	2.93	1421	3.08
4750	749	1.62	852	1.88	946	2.10	998	2.30	1082	2.47	1161	2.63	1234	2.78	1303	2.92	1368	3.07	1430	3.22
5000	770	1.77	871	2.02	963	2.24	1013	2.44	1095	2.62	1173	2.77	1246	2.92	1314	3.07	1379	3.21	1440	3.36
5250	793	1.92	891	2.17	981	2.40	1028	2.59	1110	2.77	1186	2.93	1258	3.08	1326	3.22	1390	3.36	1451	3.51
5500	817	2.08	912	2.34	1001	2.56	1045	2.76	1125	2.93	1201	3.09	1272	3.24	1339	3.38	1403	3.53	---	---
5750	842	2.26	935	2.51	1022	2.73	1063	3.05	1142	3.10	1217	3.26	1287	3.41	1353	3.56	---	---	---	---
6000	869	2.44	960	2.70	1044	3.06	1083	3.21	1161	3.29	1234	3.45	1303	3.60	---	---	---	---	---	---
6250	898	2.64	986	3.07	1068	3.20	1105	3.32	1181	3.49	1253	3.65	---	---	---	---	---	---	---	---
													High static 5.25 hp and Field Drive							

Note:

1. Blower performance includes gas heat exchangers and 2 in. filters. See static resistance table for additional applications.
2. See rpm selection table to determine desired motor sheave setting and to determine the maximum continuous bhp.
3. kW = bhp x 0.858.

Table 73: Example rpm selection

Size	Model	hp	Max bhp	Motor sheave	Blower sheave	6 turns open	5 turns open	4 turns open	3 turns open	2 turns open	1 turn open	Fully closed
13	AW	2.9	2.90	1VP40	1B5V66	NA	711	766	820	875	929	984
		3.7	3.70	1VP40	1B5V54	860	921	983	1044	1106	1167	NA
		5.0	5.75	1VP60	1B5V74	1142	1192	1240	1289	1338	1386	1435

Airflow specifications

Table 74: Altitude/temperature correction factors

Air temp.	Altitude (ft)										
	0	1000	2000	3000	4000	5000	6000	7000	8000	9000	10000
40	1.060	1.022	0.986	0.950	0.916	0.882	0.849	0.818	0.788	0.758	0.729
50	1.039	1.002	0.966	0.931	0.898	0.864	0.832	0.802	0.772	0.743	0.715
60	1.019	0.982	0.948	0.913	0.880	0.848	0.816	0.787	0.757	0.729	0.701
70	1.000	0.964	0.930	0.896	0.864	0.832	0.801	0.772	0.743	0.715	0.688
80	0.982	0.947	0.913	0.880	0.848	0.817	0.787	0.758	0.730	0.702	0.676
90	0.964	0.929	0.897	0.864	0.833	0.802	0.772	0.744	0.716	0.689	0.663
100	0.946	0.912	0.880	0.848	0.817	0.787	0.758	0.730	0.703	0.676	0.651

Figure 3: Altitude/temperature correction factors

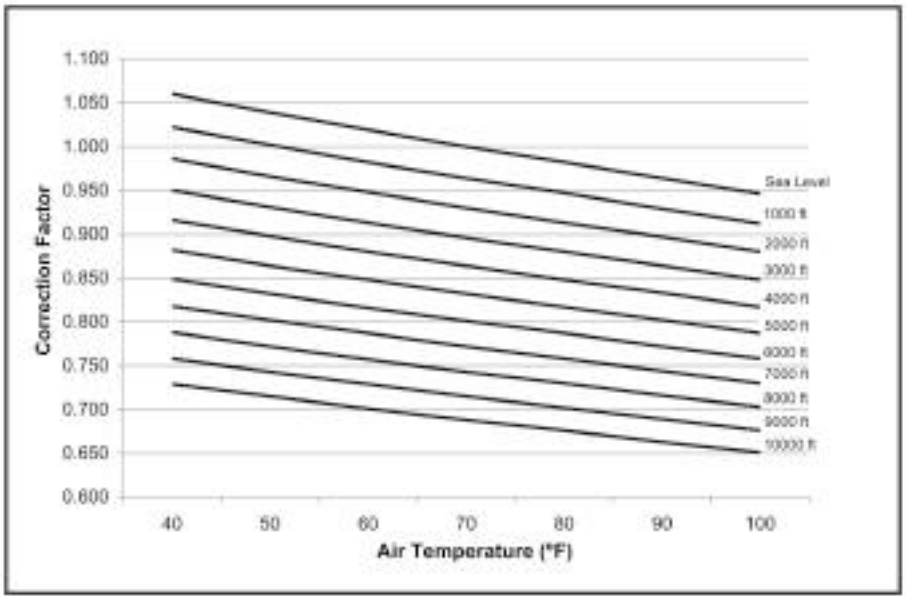


Table 75: Gas heat allowable air flow

Unit		Supply air (CFM)	
Size (tons)	Heat size	Min	Max
AW13 (12.5)	(N,S)1	3660	6250
	(N,S)3	4280	6250
	T3	3530	6250
AW15 (15)	(N,S)1	3660	7500
	(N,S)3	4620	7500
	T3	3500	7500
AW18 (17.5)	(N,S)1	3660	8750
	(N,S)3	4620	8750
	T3	3500	8750
AW20 (20)	(N,S)1	3660	10000
	(N,S)3	4620	10000
	T3	3500	10000

Table 75: Gas heat allowable air flow

Unit		Supply air (CFM)	
Size (tons)	Heat size	Min	Max
AW23 (23)	(N,S)1	4120	11500
	(N,S)3	5450	11500
	T3	5000	11500

CAUTION

For units with VFD and staged gas heat, the speed of the indoor blower motor continues to be controlled by duct static pressure through the VAV control board. If there are VAV boxes present in the duct system, the boxes must be driven to the full-open position using a customer-supplied power source to ensure adequate airflow across the gas heat furnace.

Table 76: Electric heat minimum air flow requirements

Size (tons)	Heat size		
	75 kW	50 kW	25 kW
AW13 (12.5)	NA	3750	3750
AW15 (15)	6000	4500	4500
AW18 (17.5)	6000	5250	5250
AW20 (20)	6000	6000	6000
AW23 (23)	6900	6900	6900

CAUTION

For units with VFD and electric heat, the speed of the indoor blower motor continues to be controlled by duct static pressure through the VAV control board. If there are VAV boxes present in the duct system, the boxes must be driven to the full-open position using a customer-supplied power source to ensure adequate airflow across the electric heating elements.

Table 77: Indoor blower specifications

Model	Static option	Motor						Motor sheave			Blower sheave			Belt
		HP	Nominal HP	RPM	Eff.	SF	Frame	Datum dia. (in.)	New Mtr Shv	Bore (in.)	Datum dia. (in.)	Bore (in.)	Blower sheave	
AW13	Std	2.9	2.0	1750	0.87	1.15	56	2.4 - 3.4	7/8	1VP40	6.2	1 7/16	1B5V66	AX36
	Med	3.7	3.0	1750	0.90	1.15	56	2.7 - 3.7	7/8	1VP40	5.4	1 7/16	1B5V54	BX34
	High	5.3	5.0	1750	0.90	1.15	145T	4.3-5.5	7/8	1VP60	7.4	1 7/16	1B5V74	BX40
AW15	Std	2.9	2.0	1750	0.87	1.15	56	2.7-3.7	7/8	1VP40	7.4	1 7/16	1B5V74	BX40
	Med	3.7	3.0	1750	0.90	1.15	56	2.7-3.7	7/8	1VP40	6.4	1 7/16	1B5V64	BX38
	High	5.3	5.0	1750	0.90	1.15	145T	3.7-4.7	7/8	1VM50	7.4	1 7/16	1B5V74	BX40
AW18	Std	3.7	3.0	1750	0.90	1.15	56	2.8-3.8	7/8	1VL44	8.2	1 7/16	1B5V86	AX41
	Med	5.3	5.0	1750	0.90	1.15	145T	3.7-4.7	7/8	1VM50	7.4	1 7/16	1B5V74	BX40
	High	7.5	7.5	1750	0.91	1.15	213T	5.4-6.6	1 3/8	1VP71	9.4	1 7/16	1B5V94	BX47
AW20	Std	5.3	5.0	1750	0.90	1.15	145T	3.7 - 4.7	7/8	1VM50	6.6	1 7/16	1B5V90	BX43
	Med	5.3	5.0	1750	0.90	1.15	145T	3.7 - 4.7	7/8	1VM50	7.4	1 7/16	1B5V74	BX40
	High	7.5	7.5	1750	0.91	1.15	213T	5.4-6.6	1 3/8	1VP71	9.4	1 7/16	1B5V94	BX47
AW23	Std	5.3	5.0	1750	0.90	1.15	145T	3.7 - 4.7	7/8	1VM50	8	1 7/16	1B5V80	BX43
	Med	7.5	7.5	1750	0.91	1.15	213T	4.3 - 5.5	1 3/8	1VP60	8	1 7/16	1B5V80	BX43
	High	10.0	10.0	1750	0.92	1.15	213T	4.3 - 5.5	1 3/8	1VP60	7.4	1 7/16	1B5V74	5VX450

Table 78: Standard CFM constant volume power exhaust (208V) airflow

Motor speed	Available return static - IWG																	
	0.1			0.2			0.3			0.4			0.5			0.6		
	CFM	Watts	RPM	CFM	Watts	RPM	CFM	Watts	RPM	CFM	Watts	RPM	CFM	Watts	RPM	CFM	Watts	RPM
Low	3029	1150	809	2978	1116	878	2913	1093	924	2828	1061	956	2716	1014	982	-	-	-
Med.	3293	1280	868	3196	1224	915	3093	1179	948	2982	1129	980	2852	1075	1009	-	-	-
High	3794	1527	968	3628	1437	1006	3501	1386	1023	3345	1323	1040	3170	1260	1057	-	-	-

Table 79: Standard CFM constant volume power exhaust (230, 460, 575V) airflow

Motor speed	Available return static - IWG																	
	0.1			0.2			0.3			0.4			0.5			0.6		
	CFM	Watts	RPM	CFM	Watts	RPM	CFM	Watts	RPM	CFM	Watts	RPM	CFM	Watts	RPM	CFM	Watts	RPM
Low	3395	1308	886	3297	1265	937	3191	1228	969	3071	1171	990	2931	1105	1010	2765	1076	1039
Med.	3667	1454	940	3518	1368	983	3386	1307	1008	3251	1257	1026	3103	1207	1041	2944	1148	1051
High	4093	1702	1044	3910	1637	1064	3754	1576	1074	3577	1503	1086	3367	1430	1096	3152	1360	1105

ⓘ Note:

- The following values represent the maximum power exhaust capability (maximum motor speed @ 10 VDC input signal from building pressure sensor [0-1 in. WC, 0-10 VDC])
- Airflow, watts, and RPM modulate as building pressure fluctuates below 1 in. WC

Table 80: Standard CFM modulating power exhaust airflow

Motor speed	Available return static - IWG																	
	0.1			0.2			0.3			0.4			0.5			0.6		
	CFM	Watts	RPM	CFM	Watts	RPM	CFM	Watts	RPM	CFM	Watts	RPM	CFM	Watts	RPM	CFM	Watts	RPM
Max. (10 VDC)	3054	498	740	3152	630	829	3227	751	902	3278	861	962	3302	957	1012	3300	1039	1056

Table 81: Standard CFM modulating power exhaust airflow - continued

Motor speed	Available return static - IWG																	
	0.7			0.8			0.9			1.0			1.1			1.2		
	CFM	Watts	RPM	CFM	Watts	RPM	CFM	Watts	RPM	CFM	Watts	RPM	CFM	Watts	RPM	CFM	Watts	RPM
Max. (10 VDC)	3273	1107	1096	3222	1162	1133	3149	1204	1168	3060	1236	1202	2958	1259	1235	2849	1277	1266

Table 82: High CFM constant volume and modulating power exhaust (208V) airflow - field-installed only

CFM	Available external static pressure - IWG											
	0		0.1		0.2		0.3		0.4		0.5	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
2500	-	-	-	-	-	-	494	0.68	532	0.74	527	0.89
2750	-	-	-	-	-	-	511	0.71	549	0.78	543	0.93
3000	-	-	-	-	471	0.76	529	0.80	567	0.86	562	1.01
3250	-	-	-	-	492	0.87	549	0.91	587	0.97	582	1.12
3500	-	-	459	0.95	513	1.00	571	1.03	-	-	-	-
3750	-	-	482	1.08	536	1.14	-	-	-	-	-	-
4000	479	1.09	506	1.22	560	1.27	-	-	-	-	-	-
4250	504	1.22	531	1.35	585	1.40	-	-	-	-	-	-
4500	530	1.34	557	1.47	-	-	-	-	-	-	-	-
4750	556	1.45	583	1.59	-	-	-	-	-	-	-	-
5000	583	1.56	-	-	-	-	-	-	-	-	-	-

Table 83: High CFM constant volume and modulating power exhaust (230, 460, 575V) airflow - field-installed only

CFM	Available external static pressure - IWG											
	0		0.1		0.2		0.3		0.4		0.5	
	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
2500	-	-	-	-	-	-	488	0.84	531	0.86	541	0.70
2750	-	-	-	-	-	-	508	0.93	550	0.94	560	0.78
3000	-	-	-	-	471	0.91	527	1.02	569	1.04	580	0.87
3250	-	-	-	-	491	1.01	547	1.12	589	1.13	-	-
3500	-	-	457	0.99	512	1.11	568	1.22	-	-	-	-
3750	-	-	480	1.09	534	1.22	591	1.32	-	-	-	-
4000	469	1.14	504	1.20	558	1.32	-	-	-	-	-	-
4250	495	1.25	529	1.31	583	1.44	-	-	-	-	-	-
4500	522	1.37	557	1.43	-	-	-	-	-	-	-	-
4750	551	1.49	586	1.55	-	-	-	-	-	-	-	-
5000	582	1.61	-	-	-	-	-	-	-	-	-	-

Table 84: Electric heat multipliers

Voltage		kW Capacity multipliers[1]
Nominal	Applied	
240	208	0.75
	230	0.92
480	460	0.92
600	575	0.92

1 Electric heaters are rated at nominal voltage. Use this table to determine the electric heat capacity for heaters applied at lower voltages.

Sound performance

Table 85: Indoor sound performance

Size (tons)	CFM	Type	Sound power, dB (10^{-12}) watts							
			Octave band centerline frequency (Hz)							
			63	125	250	500	1000	2000	4000	8000
AW13 (12.5)	5000	Ducted Discharge	89	83	79	75	71	69	68	57
		Ducted Inlet	87	69	63	62	59	54	49	38
AW15 (15)	6000	Ducted Discharge	78	69	64	61	57	61	62	53
		Ducted Inlet	79	56	53	51	47	39	36	29
AW18 (17.5)	7000	Ducted Discharge	91	85	80	76	73	70	69	60
		Ducted Inlet	86	72	65	61	60	54	49	39
AW20 (20)	8000	Ducted Discharge	93	88	83	79	76	74	73	64
		Ducted Inlet	90	74	67	64	63	57	52	43
AW23 (23)	10000	Ducted Discharge	96	91	87	83	80	78	77	69
		Ducted Inlet	94	77	70	67	66	61	56	47

Note:

- Tested in accordance with AHRI 260-2017.
- Ratings include duct end correction E1.
- Ratings include compressor noise.

Table 86: Outdoor sound performance

Size (tons)	Sound power, dB (10^{-12}) watts								
	Sound rating dB (A)	Octave band centerline frequency (Hz)							
		63	125	250	500	1000	2000	4000	8000
AW13 (12.5)	89	92	94	88	86	84	80	75	71
AW15 (15)	89	92	94	88	86	84	80	75	71
AW18 (17.5)	90	92	90	89	87	85	81	76	73
AW20 (20)	90	92	90	89	87	85	81	76	73
AW23 (23)	90	92	90	89	87	85	81	76	73

Note:

- Tested in accordance with AHRI 370-2015.
- Ratings include compressor noise.

Electrical data

The following note applies to all electrical data tables.

Note:

- MCA = minimum circuit ampacity
- f/b = fuse/breaker
- Fuse is a dual element, time delay type
- Breaker is a HACR type per NEC

VFD standard static

Table 87: AW13 to AW23 VFD standard static without power exhaust

Size (ton)	Nominal unit voltage	Comp. 1		Comp. 2		OD fan motors each FLA	Supply blower motor FLA	120 V trans FLA	Electric heat option field installed kit				MCA A	Max f/b size A	Min disconnect rating		MCA with 120 V trans A	Max f/b size with 120 V trans A	Min disconnect rating/120 V trans	
		RLA	LRA	RLA	LRA				Model	kW	Stages	A			FLA	LRA			FLA	LRA
13 (12.5)	208-3-60	27.0	50.4	20.3	167	4.7	13.2	9.6	None	—	—	—	76.7	100	80	289	86.3	110	91	298
									2EH04522525	18.8	1	52.1	81.6	100	80	289	93.6	110	91	298
									2EH04525025	37.6	2	104.3	146.9	150	135	289	158.9	175	146	298
	230-3-60	27.0	50.4	20.3	167	4.7	13.2	8.7	None	—	—	—	76.7	100	80	296	85.4	110	90	305
									2EH04522525	23.0	1	57.7	88.6	100	82	296	99.5	110	92	305
									2EH04525025	45.9	2	115.2	160.5	175	148	296	171.4	175	158	305
	460-3-60	14.0	24.5	9.9	69	2.3	6.1	4.3	None	—	—	—	38.1	50	40	133	42.4	50	45	137
									2EH04522546	23.0	1	28.8	43.6	50	40	133	49.0	50	45	137
									2EH04525046	45.9	2	57.6	79.6	80	73	133	85.0	90	78	137
	575-3-60	11.0	26	7.6	55	1.9	4.9	3.5	None	—	—	—	30.1	40	31	111	33.6	40	35	114
									2EH04522558	23.0	1	23.0	34.9	40	32	111	39.3	40	36	114
									2EH04525058	45.9	2	46.0	63.6	70	59	111	68.0	70	63	114
15 (15)	208-3-60	30.0	50.4	26.9	164	4.7	13.2	9.6	None	—	—	—	87.0	110	91	286	96.6	125	102	295
									2EH04502525	18.8	1	52.1	87.0	110	91	286	96.6	125	102	295
									2EH04505025	37.6	2	104.3	146.9	150	135	286	158.9	175	146	295
									2EH04507525	56.3	2	156.2	172.7	200	195	286	184.7	200	206	295
	230-3-60	30.0	50.4	26.9	164	4.7	13.2	8.7	None	—	—	—	87.0	110	91	293	95.7	125	101	302
									2EH04502525	23.0	1	57.7	88.6	110	91	293	99.5	125	101	302
									2EH04505025	45.9	2	115.2	160.5	175	148	293	171.4	175	158	302
									2EH04507525	68.9	2	172.9	189.4	225	214	293	200.3	225	224	302
	460-3-60	15.0	24.5	12.0	94	2.3	6.1	4.3	None	—	—	—	41.5	50	43	158	45.8	60	48	162
									2EH04502546	23.0	1	28.8	43.6	50	43	158	49.0	60	48	162
									2EH04505046	45.9	2	57.6	79.6	80	73	158	85.0	90	78	162
									2EH04507546	68.9	2	86.4	94.0	110	106	158	99.4	110	111	162
	575-3-60	12.0	26	9.0	65	1.9	4.9	3.5	None	—	—	—	32.7	40	34	121	36.2	45	38	124
									2EH04502558	23.0	1	23.0	34.9	40	34	121	39.3	45	38	124
									2EH04505058	45.9	2	46.0	63.6	70	59	121	68.0	70	63	124
									2EH04507558	68.9	2	69.1	75.2	90	85	121	79.6	90	89	124

Table 87: AW13 to AW23 VFD standard static without power exhaust

Size (ton)	Nominal unit voltage	Comp. 1		Comp. 2		OD fan motors each FLA	Supply blower motor FLA	120 V trans FLA	Electric heat option field installed kit				MCA A	Max f/b size A	Min disconnect rating		MCA with 120 V trans A	Max f/b size with 120 V trans A	Min disconnect rating/120 V trans	
		RLA	LRA	RLA	LRA				Model	kW	Stages	A			FLA	LRA			FLA	LRA
18 (17.5)	208-3-60	36.0	50.4	27.9	179	4.7	13.2	9.6	None	—	—	—	104.9	125	110	321	114.5	150	121	330
									2EH04502525	18.8	1	52.1	104.9	125	110	321	114.5	150	121	330
									2EH04505025	37.6	2	104.3	146.9	150	135	321	158.9	175	146	330
									2EH04507525	56.3	2	156.2	172.7	200	195	321	184.7	200	206	330
	230-3-60	36.0	50.4	27.9	179	4.7	13.2	8.7	None	—	—	—	104.9	125	110	329	113.6	125	120	338
									2EH04502525	23.0	1	57.7	104.9	125	110	329	113.6	125	120	338
									2EH04505025	45.9	2	115.2	160.5	175	148	329	171.4	175	158	338
									2EH04507525	68.9	2	172.9	189.4	225	214	329	200.3	225	224	338
	460-3-60	17.5	24.5	12.2	103	2.3	6.1	4.3	None	—	—	—	49.4	60	52	178	53.7	70	57	182
									2EH04502546	23.0	1	28.8	49.4	60	52	178	53.7	70	57	182
									2EH04505046	45.9	2	57.6	79.6	80	73	178	85.0	90	78	182
									2EH04507546	68.9	2	86.4	94.0	110	106	178	99.4	110	111	182
	575-3-60	14.0	26	9.9	78	1.9	4.9	3.5	None	—	—	—	39.9	50	42	152	43.4	50	46	155
									2EH04502558	23.0	1	23.0	39.9	50	42	152	43.4	50	46	155
									2EH04505058	45.9	2	46.0	63.6	70	59	152	68.0	70	63	155
									2EH04507558	68.9	2	69.1	75.2	90	85	152	79.6	90	89	155
20 (20)	208-3-60	44.0	80	29.6	207.5	4.7	20.4	9.6	None	—	—	—	123.8	150	130	409	133.4	175	141	419
									2EH04502525	18.8	1	52.1	123.8	150	130	409	133.4	175	141	419
									2EH04505025	37.6	2	104.3	155.9	175	143	409	167.9	175	154	419
									2EH04507525	56.3	2	156.2	181.7	200	203	409	193.7	200	214	419
	230-3-60	44.0	80	29.6	207.5	4.7	20.4	8.7	None	—	—	—	123.8	150	130	408	132.5	175	140	417
									2EH04502525	23.0	1	57.7	123.8	150	130	408	132.5	175	140	417
									2EH04505025	45.9	2	115.2	169.5	175	156	408	180.4	200	166	417
									2EH04507525	68.9	2	172.9	198.4	225	222	408	209.3	225	232	417
	460-3-60	21.0	60	13.9	100.2	2.3	9.9	4.3	None	—	—	—	59.3	80	62	221	63.6	80	67	226
									2EH04502546	23.0	1	28.8	59.3	80	62	221	63.6	80	67	226
									2EH04505046	45.9	2	57.6	84.4	90	78	221	89.8	90	83	226
									2EH04507546	68.9	2	86.4	98.8	110	111	221	104.2	110	116	226
	575-3-60	18.0	37.6	10.1	78	1.9	7.7	3.5	None	—	—	—	47.9	60	50	163	51.4	60	54	167
									2EH04502558	23.0	1	23.0	47.9	60	50	163	51.4	60	54	167
									2EH04505058	45.9	2	46.0	67.1	70	62	163	71.5	80	66	167
									2EH04507558	68.9	2	69.1	78.7	90	88	163	83.1	90	92	167
23 (23)	208-3-60	58.0	80	30.1	255	4.7	20.4	9.6	None	—	—	—	141.8	175	146	457	151.4	200	157	466
									2EH04502525	18.8	1	52.1	141.8	175	146	457	151.4	200	157	466
									2EH04505025	37.6	2	104.3	155.9	175	146	457	167.9	200	157	466
									2EH04507525	56.3	2	156.2	181.7	200	203	457	193.7	200	214	466
	230-3-60	58.0	80	30.1	255	4.7	20.4	8.7	None	—	—	—	141.8	175	146	456	150.5	200	156	465
									2EH04502525	23.0	1	57.7	141.8	175	146	456	150.5	200	156	465
									2EH04505025	45.9	2	115.2	169.5	175	156	456	180.4	200	166	465
									2EH04507525	68.9	2	172.9	198.4	225	222	456	209.3	225	232	465
	460-3-60	29.0	60	13.0	123	2.3	9.9	4.3	None	—	—	—	68.4	90	70	244	72.7	100	75	248
									2EH04502546	23.0	1	28.8	68.4	90	70	244	72.7	100	75	248
									2EH04505046	45.9	2	57.6	84.4	90	78	244	89.8	100	83	248
									2EH04507546	68.9	2	86.4	98.8	110	111	244	104.2	110	116	248
	575-3-60	23.0	37.6	11.0	93.7	1.9	7.7	3.5	None	—	—	—	55.1	70	57	179	58.6	80	61	182
									2EH04502558	23.0	1	23.0	55.1	70	57	179	58.6	80	61	182
									2EH04505058	45.9	2	46.0	67.1	70	62	179	71.5	80	66	182
									2EH04507558	68.9	2	69.1	78.7	90	88	179	83.1	90	92	182

Table 88: AW13 to AW23 VFD standard static with on/off power exhaust

Size (ton)	Nominal unit voltage	Comp. 1		Comp. 2		OD fan motors each FLA	Supply blower motor FLA	Pwr exh motor FLA	120 V trans FLA	Electric heat option field installed kit				MCA A	Max f/b size A	Min disconnect rating		MCA with 120 V trans A	Max f/b size with 120 V trans A	Min disconnect rating/120 V trans	
		RLA	LRA	RLA	LRA					Model	kW	Stages	A			FLA	LRA			FLA	LRA
13 (12.5)	208-3-60	27.0	50.4	20.3	167	4.7	13.2	5.0	9.6	None	—	—	—	86.7	110	92	310	96.3	110	103	319
										2EH04522525	18.8	1	52.1	94.1	110	92	310	106.1	110	103	319
										2EH04525025	37.6	2	104.3	159.4	175	147	310	171.4	175	158	319
	230-3-60	27.0	50.4	20.3	167	4.7	13.2	5.0	8.7	None	—	—	—	86.7	110	92	317	95.4	110	102	326
										2EH04522525	23.0	1	57.7	101.1	110	93	317	112.0	125	103	326
										2EH04525025	45.9	2	115.2	173.0	175	159	317	183.9	200	169	326
	460-3-60	14.0	24.5	9.9	69	2.3	6.1	2.2	4.3	None	—	—	—	42.5	50	45	142	46.8	60	50	147
										2EH04522546	23.0	1	28.8	49.1	50	45	142	54.5	60	50	147
										2EH04525046	45.9	2	57.6	85.1	90	78	142	90.5	100	83	147
	575-3-60	11.0	26	7.6	55	1.9	4.9	1.5	3.5	None	—	—	—	33.1	40	35	117	36.6	45	39	121
										2EH04522558	23.0	1	23.0	38.6	40	36	117	43.0	45	40	121
										2EH04525058	45.9	2	46.0	67.4	70	62	117	71.8	80	66	121
15 (15)	208-3-60	30.0	50.4	26.9	164	4.7	13.2	5.0	9.6	None	—	—	—	97.0	125	103	307	106.6	125	114	316
										2EH04502525	18.8	1	52.1	97.0	125	103	307	106.6	125	114	316
										2EH04505025	37.6	2	104.3	159.4	175	147	307	171.4	175	158	316
										2EH04507525	56.3	2	156.2	185.2	200	206	307	197.2	200	217	316
	230-3-60	30.0	50.4	26.9	164	4.7	13.2	5.0	8.7	None	—	—	—	97.0	125	103	314	105.7	125	113	323
										2EH04502525	23.0	1	57.7	101.1	125	103	314	112.0	125	113	323
										2EH04505025	45.9	2	115.2	173.0	175	159	314	183.9	200	169	323
										2EH04507525	68.9	2	172.9	201.9	225	226	314	212.8	225	236	323
	460-3-60	15.0	24.5	12.0	94	2.3	6.1	2.2	4.3	None	—	—	—	45.9	60	48	167	50.2	60	53	172
										2EH04502546	23.0	1	28.8	49.1	60	48	167	54.5	60	53	172
										2EH04505046	45.9	2	57.6	85.1	90	78	167	90.5	100	83	172
										2EH04507546	68.9	2	86.4	99.5	110	111	167	104.9	110	116	172
	575-3-60	12.0	26	9.0	65	1.9	4.9	1.5	3.5	None	—	—	—	35.7	45	38	127	39.2	50	42	131
										2EH04502558	23.0	1	23.0	38.6	45	38	127	43.0	50	42	131
										2EH04505058	45.9	2	46.0	67.4	70	62	127	71.8	80	66	131
										2EH04507558	68.9	2	69.1	79.0	90	89	127	83.4	90	93	131
18 (17.5)	208-3-60	36.0	50.4	27.9	179	4.7	13.2	5.0	9.6	None	—	—	—	114.9	150	122	342	124.5	150	133	351
										2EH04502525	18.8	1	52.1	114.9	150	122	342	124.5	150	133	351
										2EH04505025	37.6	2	104.3	159.4	175	147	342	171.4	175	158	351
										2EH04507525	56.3	2	156.2	185.2	200	206	342	197.2	200	217	351
	230-3-60	36.0	50.4	27.9	179	4.7	13.2	5.0	8.7	None	—	—	—	114.9	150	122	350	123.6	150	132	359
										2EH04502525	23.0	1	57.7	114.9	150	122	350	123.6	150	132	359
										2EH04505025	45.9	2	115.2	173.0	175	159	350	183.9	200	169	359
										2EH04507525	68.9	2	172.9	201.9	225	226	350	212.8	225	236	359
	460-3-60	17.5	24.5	12.2	103	2.3	6.1	2.2	4.3	None	—	—	—	53.8	70	57	187	58.1	70	62	191
										2EH04502546	23.0	1	28.8	53.8	70	57	187	58.1	70	62	191
										2EH04505046	45.9	2	57.6	85.1	90	78	187	90.5	100	83	191
										2EH04507546	68.9	2	86.4	99.5	110	111	187	104.9	110	116	191
	575-3-60	14.0	26	9.9	78	1.9	4.9	1.5	3.5	None	—	—	—	42.9	50	45	158	46.4	60	49	162
										2EH04502558	23.0	1	23.0	42.9	50	45	158	46.4	60	49	162
										2EH04505058	45.9	2	46.0	67.4	70	62	158	71.8	80	66	162
										2EH04507558	68.9	2	69.1	79.0	90	89	158	83.4	90	93	162

Table 88: AW13 to AW23 VFD standard static with on/off power exhaust

Size (ton)	Nominal unit voltage	Comp. 1		Comp. 2		OD fan motors each FLA	Supply blower motor FLA	Pwr exh motor FLA	120 V trans FLA	Electric heat option field installed kit				MCA A	Max f/b size A	Min disconnect rating		MCA with 120 V trans A	Max f/b size with 120 V trans A	Min disconnect rating/120 V trans	
		RLA	LRA	RLA	LRA					Model	kW	Stages	A			FLA	LRA			FLA	LRA
20 (20)	208-3-60	44.0	80	29.6	207.5	4.7	20.4	5.0	9.6	None	—	—	—	133.8	175	141	430	143.4	175	152	440
										2EH04502525	18.8	1	52.1	133.8	175	141	430	143.4	175	152	440
										2EH04505025	37.6	2	104.3	168.4	175	155	430	180.4	200	166	440
										2EH04507525	56.3	2	156.2	194.2	200	215	430	206.2	225	226	440
	230-3-60	44.0	80	29.6	207.5	4.7	20.4	5.0	8.7	None	—	—	—	133.8	175	141	429	142.5	175	151	438
										2EH04502525	23.0	1	57.7	133.8	175	141	429	142.5	175	151	438
										2EH04505025	45.9	2	115.2	182.0	200	167	429	192.9	200	177	438
										2EH04507525	68.9	2	172.9	210.9	225	234	429	221.8	225	244	438
	460-3-60	21.0	60	13.9	100.2	2.3	9.9	2.2	4.3	None	—	—	—	63.7	80	67	230	68.0	80	72	235
										2EH04502546	23.0	1	28.8	63.7	80	67	230	68.0	80	72	235
										2EH04505046	45.9	2	57.6	89.9	90	83	230	95.3	100	88	235
										2EH04507546	68.9	2	86.4	104.3	110	116	230	109.7	110	121	235
	575-3-60	18.0	37.6	10.1	78	1.9	7.7	1.5	3.5	None	—	—	—	50.9	60	53	170	54.4	70	57	173
										2EH04502558	23.0	1	23.0	50.9	60	53	170	54.4	70	57	173
										2EH04505058	45.9	2	46.0	70.9	80	65	170	75.3	80	69	173
										2EH04507558	68.9	2	69.1	82.5	90	92	170	86.9	90	96	173
23 (23)	208-3-60	58.0	80	30.1	255	4.7	20.4	5.0	9.6	None	—	—	—	151.8	200	158	478	161.4	200	169	487
										2EH04502525	18.8	1	52.1	151.8	200	158	478	161.4	200	169	487
										2EH04505025	37.6	2	104.3	168.4	200	158	478	180.4	200	169	487
										2EH04507525	56.3	2	156.2	194.2	200	215	478	206.2	225	226	487
	230-3-60	58.0	80	30.1	255	4.7	20.4	5.0	8.7	None	—	—	—	151.8	200	158	477	160.5	200	168	486
										2EH04502525	23.0	1	57.7	151.8	200	158	477	160.5	200	168	486
										2EH04505025	45.9	2	115.2	182.0	200	167	477	192.9	200	177	486
										2EH04507525	68.9	2	172.9	210.9	225	234	477	221.8	225	244	486
	460-3-60	29.0	60	13.0	123	2.3	9.9	2.2	4.3	None	—	—	—	72.8	100	75	253	77.1	100	80	258
										2EH04502546	23.0	1	28.8	72.8	100	75	253	77.1	100	80	258
										2EH04505046	45.9	2	57.6	89.9	100	83	253	95.3	100	88	258
										2EH04507546	68.9	2	86.4	104.3	110	116	253	109.7	110	121	258
	575-3-60	23.0	37.6	11.0	93.7	1.9	7.7	1.5	3.5	None	—	—	—	58.1	80	60	185	61.6	80	64	189
										2EH04502558	23.0	1	23.0	58.1	80	60	185	61.6	80	64	189
										2EH04505058	45.9	2	46.0	70.9	80	65	185	75.3	80	69	189
										2EH04507558	68.9	2	69.1	82.5	90	92	185	86.9	90	96	189

Table 89: AW13 to AW23 VFD standard static with modulating power exhaust

Size (ton)	Nominal unit voltage	Comp. 1		Comp. 2		OD fan motors each FLA	Supply blower motor FLA	Pwr exh motor FLA	120 V trans FLA	Electric heat option field installed kit				MCA A	Max f/b size A	Min disconnect rating		MCA with 120 V trans A	Max f/b size with 120 V trans A	Min disconnect rating/120 V trans	
		RLA	LRA	RLA	LRA					Model	kW	Stages	A			FLA	LRA			FLA	LRA
13 (12.5)	208-3-60	27.0	50.4	20.3	167	4.7	13.2	6.7	9.6	None	—	—	—	90.1	110	96	302	99.7	125	107	312
										2EH04522525	18.8	1	52.1	98.4	110	96	302	110.4	125	107	312
										2EH04525025	37.6	2	104.3	163.6	175	151	302	175.6	200	162	312
	230-3-60	27.0	50.4	20.3	167	4.7	13.2	6.7	8.7	None	—	—	—	90.1	110	96	309	98.8	125	106	318
										2EH04522525	23.0	1	57.7	105.4	110	97	309	116.3	125	107	318
										2EH04525025	45.9	2	115.2	177.3	200	163	309	188.1	200	173	318
	460-3-60	14.0	24.5	9.9	69	2.3	6.1	3.4	4.3	None	—	—	—	44.9	50	48	140	49.2	60	53	144
										2EH04522546	23.0	1	28.8	52.1	60	48	140	57.5	60	53	144
										2EH04525046	45.9	2	57.6	88.1	90	81	140	93.5	100	86	144
	575-3-60	11.0	26	7.6	55	1.9	4.9	2.7	3.5	None	—	—	—	35.5	45	38	116	39.0	50	42	120
										2EH04522558	23.0	1	23.0	41.6	45	38	116	46.0	50	42	120
										2EH04525058	45.9	2	46.0	70.4	80	65	116	74.8	80	69	120
15 (15)	208-3-60	30.0	50.4	26.9	164	4.7	13.2	6.7	9.6	None	—	—	—	100.4	125	107	299	110.0	125	118	309
										2EH04502525	18.8	1	52.1	100.4	125	107	299	110.4	125	118	309
										2EH04505025	37.6	2	104.3	163.6	175	151	299	175.6	200	162	309
										2EH04507525	56.3	2	156.2	189.5	200	210	299	201.5	225	221	309
	230-3-60	30.0	50.4	26.9	164	4.7	13.2	6.7	8.7	None	—	—	—	100.4	125	107	306	109.1	125	117	315
										2EH04502525	23.0	1	57.7	105.4	125	107	306	116.3	125	117	315
										2EH04505025	45.9	2	115.2	177.3	200	163	306	188.1	200	173	315
										2EH04507525	68.9	2	172.9	206.2	225	229	306	217.0	225	239	315
	460-3-60	15.0	24.5	12.0	94	2.3	6.1	3.4	4.3	None	—	—	—	48.3	60	51	165	52.6	60	56	169
										2EH04502546	23.0	1	28.8	52.1	60	51	165	57.5	60	56	169
										2EH04505046	45.9	2	57.6	88.1	90	81	165	93.5	100	86	169
										2EH04507546	68.9	2	86.4	102.5	110	114	165	107.9	110	119	169
	575-3-60	12.0	26	9.0	65	1.9	4.9	2.7	3.5	None	—	—	—	38.1	50	40	126	41.6	50	44	130
										2EH04502558	23.0	1	23.0	41.6	50	40	126	46.0	50	44	130
										2EH04505058	45.9	2	46.0	70.4	80	65	126	74.8	80	69	130
										2EH04507558	68.9	2	69.1	82.0	90	91	126	86.4	90	95	130
18 (17.5)	208-3-60	36.0	50.4	27.9	179	4.7	13.2	6.7	9.6	None	—	—	—	118.3	150	126	334	127.9	150	137	344
										2EH04502525	18.8	1	52.1	118.3	150	126	334	127.9	150	137	344
										2EH04505025	37.6	2	104.3	163.6	175	151	334	175.6	200	162	344
										2EH04507525	56.3	2	156.2	189.5	200	210	334	201.5	225	221	344
	230-3-60	36.0	50.4	27.9	179	4.7	13.2	6.7	8.7	None	—	—	—	118.3	150	126	342	127.0	150	136	351
										2EH04502525	23.0	1	57.7	118.3	150	126	342	127.0	150	136	351
										2EH04505025	45.9	2	115.2	177.3	200	163	342	188.1	200	173	351
										2EH04507525	68.9	2	172.9	206.2	225	229	342	217.0	225	239	351
	460-3-60	17.5	24.5	12.2	103	2.3	6.1	3.4	4.3	None	—	—	—	56.2	70	60	185	60.5	70	65	189
										2EH04502546	23.0	1	28.8	56.2	70	60	185	60.5	70	65	189
										2EH04505046	45.9	2	57.6	88.1	90	81	185	93.5	100	86	189
										2EH04507546	68.9	2	86.4	102.5	110	114	185	107.9	110	119	189
	575-3-60	14.0	26	9.9	78	1.9	4.9	2.7	3.5	None	—	—	—	45.3	50	48	157	48.8	60	52	161
										2EH04502558	23.0	1	23.0	45.3	50	48	157	48.8	60	52	161
										2EH04505058	45.9	2	46.0	70.4	80	65	157	74.8	80	69	161
										2EH04507558	68.9	2	69.1	82.0	90	91	157	86.4	90	95	161

Table 89: AW13 to AW23 VFD standard static with modulating power exhaust

Size (ton)	Nominal unit voltage	Comp. 1		Comp. 2		OD fan motors each FLA	Supply blower motor FLA	Pwr exh motor FLA	120 V trans FLA	Electric heat option field installed kit				MCA A	Max f/b size A	Min disconnect rating		MCA with 120 V trans A	Max f/b size with 120 V trans A	Min disconnect rating/120 V trans	
		RLA	LRA	RLA	LRA					Model	kW	Stages	A			FLA	LRA			FLA	LRA
20 (20)	208-3-60	44.0	80	29.6	207.5	4.7	20.4	6.7	9.6	None	—	—	—	137.2	175	145	423	146.8	175	156	432
										2EH04502525	18.8	1	52.1	137.2	175	145	423	146.8	175	156	432
										2EH04505025	37.6	2	104.3	172.6	175	159	423	184.6	200	170	432
										2EH04507525	56.3	2	156.2	198.5	200	219	423	210.5	225	230	432
	230-3-60	44.0	80	29.6	207.5	4.7	20.4	6.7	8.7	None	—	—	—	137.2	175	145	422	145.9	175	155	430
										2EH04502525	23.0	1	57.7	137.2	175	145	422	145.9	175	155	430
										2EH04505025	45.9	2	115.2	186.3	200	171	422	197.1	200	181	430
										2EH04507525	68.9	2	172.9	215.2	225	238	422	226.0	250	248	430
	460-3-60	21.0	60	13.9	100.2	2.3	9.9	3.4	4.3	None	—	—	—	66.1	80	70	228	70.4	90	75	232
										2EH04502546	23.0	1	28.8	66.1	80	70	228	70.4	90	75	232
										2EH04505046	45.9	2	57.6	92.9	100	85	228	98.3	100	90	232
										2EH04507546	68.9	2	86.4	107.3	110	119	228	112.7	125	124	232
	575-3-60	18.0	37.6	10.1	78	1.9	7.7	2.7	3.5	None	—	—	—	53.3	70	56	169	56.8	70	60	172
										2EH04502558	23.0	1	23.0	53.3	70	56	169	56.8	70	60	172
										2EH04505058	45.9	2	46.0	73.9	80	68	169	78.3	80	72	172
										2EH04507558	68.9	2	69.1	85.5	90	95	169	89.9	90	99	172
23 (23)	208-3-60	58.0	80	30.1	255	4.7	20.4	6.7	9.6	None	—	—	—	155.2	200	162	470	164.8	200	173	480
										2EH04502525	18.8	1	52.1	155.2	200	162	470	164.8	200	173	480
										2EH04505025	37.6	2	104.3	172.6	200	162	470	184.6	200	173	480
										2EH04507525	56.3	2	156.2	198.5	200	219	470	210.5	225	230	480
	230-3-60	58.0	80	30.1	255	4.7	20.4	6.7	8.7	None	—	—	—	155.2	200	162	469	163.9	200	172	478
										2EH04502525	23.0	1	57.7	155.2	200	162	469	163.9	200	172	478
										2EH04505025	45.9	2	115.2	186.3	200	171	469	197.1	200	181	478
										2EH04507525	68.9	2	172.9	215.2	225	238	469	226.0	250	248	478
	460-3-60	29.0	60	13.0	123	2.3	9.9	3.4	4.3	None	—	—	—	75.2	100	78	251	79.5	100	83	255
										2EH04502546	23.0	1	28.8	75.2	100	78	251	79.5	100	83	255
										2EH04505046	45.9	2	57.6	92.9	100	85	251	98.3	100	90	255
										2EH04507546	68.9	2	86.4	107.3	110	119	251	112.7	125	124	255
	575-3-60	23.0	37.6	11.0	93.7	1.9	7.7	2.7	3.5	None	—	—	—	60.5	80	63	184	64.0	80	67	188
										2EH04502558	23.0	1	23.0	60.5	80	63	184	64.0	80	67	188
										2EH04505058	45.9	2	46.0	73.9	80	68	184	78.3	80	72	188
										2EH04507558	68.9	2	69.1	85.5	90	95	184	89.9	90	99	188

VFD medium static

Table 90: AW13 to AW23 VFD medium static without power exhaust

Size (ton)	Nominal unit voltage	Comp. 1		Comp. 2		OD fan motors each FLA	Supply blower motor FLA	120 V trans FLA	Electric heat option field installed kit				MCA A	Max f/b size A	Min disconnect rating		MCA with 120 V trans A	Max f/b size with 120 V trans A	Min disconnect rating/120 V trans	
		RLA	LRA	RLA	LRA				Model	kW	Stages	A			FLA	LRA			FLA	LRA
13 (12.5)	208-3-60	27.0	50.4	20.3	167	4.7	13.2	9.6	None	—	—	—	76.7	100	80	299	86.3	110	91	309
									2EH04522525	18.8	1	52.1	81.6	100	80	299	93.6	110	91	309
									2EH04525025	37.6	2	104.3	146.9	150	135	299	158.9	175	146	309
	230-3-60	27.0	50.4	20.3	167	4.7	13.2	8.7	None	—	—	—	76.7	100	80	307	85.4	110	90	316
									2EH04522525	23.0	1	57.7	88.6	100	82	307	99.5	110	92	316
									2EH04525025	45.9	2	115.2	160.5	175	148	307	171.4	175	158	316
	460-3-60	14.0	24.5	9.9	69	2.3	6.1	4.3	None	—	—	—	38.1	50	40	139	42.4	50	45	143
									2EH04522546	23.0	1	28.8	43.6	50	40	139	49.0	50	45	143
									2EH04525046	45.9	2	57.6	79.6	80	73	139	85.0	90	78	143
	575-3-60	11.0	26	7.6	55	1.9	4.9	3.5	None	—	—	—	30.1	40	31	125	33.6	40	35	128
									2EH04522558	23.0	1	23.0	34.9	40	32	125	39.3	40	36	128
									2EH04525058	45.9	2	46.0	63.6	70	59	125	68.0	70	63	128
15 (15)	208-3-60	30.0	50.4	26.9	164	4.7	13.2	9.6	None	—	—	—	87.0	110	91	296	96.6	125	102	306
									2EH04502525	18.8	1	52.1	87.0	110	91	296	96.6	125	102	306
									2EH04505025	37.6	2	104.3	146.9	150	135	296	158.9	175	146	306
									2EH04507525	56.3	2	156.2	172.7	200	195	296	184.7	200	206	306
	230-3-60	30.0	50.4	26.9	164	4.7	13.2	8.7	None	—	—	—	87.0	110	91	304	95.7	125	101	313
									2EH04502525	23.0	1	57.7	88.6	110	91	304	99.5	125	101	313
									2EH04505025	45.9	2	115.2	160.5	175	148	304	171.4	175	158	313
									2EH04507525	68.9	2	172.9	189.4	225	214	304	200.3	225	224	313
	460-3-60	15.0	24.5	12.0	94	2.3	6.1	4.3	None	—	—	—	41.5	50	43	164	45.8	60	48	168
									2EH04502546	23.0	1	28.8	43.6	50	43	164	49.0	60	48	168
									2EH04505046	45.9	2	57.6	79.6	80	73	164	85.0	90	78	168
									2EH04507546	68.9	2	86.4	94.0	110	106	164	99.4	110	111	168
	575-3-60	12.0	26	9.0	65	1.9	4.9	3.5	None	—	—	—	32.7	40	34	135	36.2	45	38	138
									2EH04502558	23.0	1	23.0	34.9	40	34	135	39.3	45	38	138
									2EH04505058	45.9	2	46.0	63.6	70	59	135	68.0	70	63	138
									2EH04507558	68.9	2	69.1	75.2	90	85	135	79.6	90	89	138
18 (17.5)	208-3-60	36.0	50.4	27.9	179	4.7	20.4	9.6	None	—	—	—	112.1	125	119	351	121.7	150	130	361
									2EH04502525	18.8	1	52.1	112.1	125	119	351	121.7	150	130	361
									2EH04505025	37.6	2	104.3	155.9	175	143	351	167.9	175	154	361
									2EH04507525	56.3	2	156.2	181.7	200	203	351	193.7	200	214	361
	230-3-60	36.0	50.4	27.9	179	4.7	20.4	8.7	None	—	—	—	112.1	125	119	350	120.8	150	129	359
									2EH04502525	23.0	1	57.7	112.1	125	119	350	120.8	150	129	359
									2EH04505025	45.9	2	115.2	169.5	175	156	350	180.4	200	166	359
									2EH04507525	68.9	2	172.9	198.4	225	222	350	209.3	225	232	359
	460-3-60	17.5	24.5	12.2	103	2.3	9.9	4.3	None	—	—	—	53.2	70	56	189	57.5	70	61	193
									2EH04502546	23.0	1	28.8	53.2	70	56	189	57.5	70	61	193
									2EH04505046	45.9	2	57.6	84.4	90	78	189	89.8	90	83	193
									2EH04507546	68.9	2	86.4	98.8	110	111	189	104.2	110	116	193
	575-3-60	14.0	26	9.9	78	1.9	7.7	3.5	None	—	—	—	42.7	50	45	152	46.2	60	49	155
									2EH04502558	23.0	1	23.0	42.7	50	45	152	46.2	60	49	155
									2EH04505058	45.9	2	46.0	67.1	70	62	152	71.5	80	66	155
									2EH04507558	68.9	2	69.1	78.7	90	88	152	83.1	90	92	155

Table 90: AW13 to AW23 VFD medium static without power exhaust

Size (ton)	Nominal unit voltage	Comp. 1		Comp. 2		OD fan motors each FLA	Supply blower motor FLA	120 V trans FLA	Electric heat option field installed kit				MCA A	Max f/b size A	Min disconnect rating		MCA with 120 V trans A	Max f/b size with 120 V trans A	Min disconnect rating/120 V trans	
		RLA	LRA	RLA	LRA				Model	kW	Stages	A			FLA	LRA			FLA	LRA
20 (20)	208-3-60	44.0	80	29.6	207.5	4.7	20.4	9.6	None	—	—	—	123.8	150	130	409	133.4	175	141	419
									2EH04502525	18.8	1	52.1	123.8	150	130	409	133.4	175	141	419
									2EH04505025	37.6	2	104.3	155.9	175	143	409	167.9	175	154	419
									2EH04507525	56.3	2	156.2	181.7	200	203	409	193.7	200	214	419
	230-3-60	44.0	80	29.6	207.5	4.7	20.4	8.7	None	—	—	—	123.8	150	130	408	132.5	175	140	417
									2EH04502525	23.0	1	57.7	123.8	150	130	408	132.5	175	140	417
									2EH04505025	45.9	2	115.2	169.5	175	156	408	180.4	200	166	417
									2EH04507525	68.9	2	172.9	198.4	225	222	408	209.3	225	232	417
	460-3-60	21.0	60	13.9	100.2	2.3	9.9	4.3	None	—	—	—	59.3	80	62	221	63.6	80	67	226
									2EH04502546	23.0	1	28.8	59.3	80	62	221	63.6	80	67	226
									2EH04505046	45.9	2	57.6	84.4	90	78	221	89.8	90	83	226
									2EH04507546	68.9	2	86.4	98.8	110	111	221	104.2	110	116	226
	575-3-60	18.0	37.6	10.1	78	1.9	7.7	3.5	None	—	—	—	47.9	60	50	163	51.4	60	54	167
									2EH04502558	23.0	1	23.0	47.9	60	50	163	51.4	60	54	167
									2EH04505058	45.9	2	46.0	67.1	70	62	163	71.5	80	66	167
									2EH04507558	68.9	2	69.1	78.7	90	88	163	83.1	90	92	167
23 (23)	208-3-60	58.0	80	30.1	255	4.7	30.0	9.6	None	—	—	—	151.4	200	157	474	161.0	200	168	483
									2EH04502525	18.8	1	52.1	151.4	200	157	474	161.0	200	168	483
									2EH04505025	37.6	2	104.3	167.9	200	157	474	179.9	200	168	483
									2EH04507525	56.3	2	156.2	193.7	200	214	474	205.7	225	225	483
	230-3-60	58.0	80	30.1	255	4.7	30.0	8.7	None	—	—	—	151.4	200	157	474	160.1	200	167	483
									2EH04502525	23.0	1	57.7	151.4	200	157	474	160.1	200	167	483
									2EH04505025	45.9	2	115.2	181.5	200	167	474	192.4	200	177	483
									2EH04507525	68.9	2	172.9	210.4	225	233	474	221.3	225	243	483
	460-3-60	29.0	60	13.0	123	2.3	14.3	4.3	None	—	—	—	72.8	100	75	253	77.1	100	80	257
									2EH04502546	23.0	1	28.8	72.8	100	75	253	77.1	100	80	257
									2EH04505046	45.9	2	57.6	89.9	100	83	253	95.3	100	88	257
									2EH04507546	68.9	2	86.4	104.3	110	116	253	109.7	110	121	257
	575-3-60	23.0	37.6	11.0	93.7	1.9	11.5	3.5	None	—	—	—	58.9	80	61	190	62.4	80	65	193
									2EH04502558	23.0	1	23.0	58.9	80	61	190	62.4	80	65	193
									2EH04505058	45.9	2	46.0	71.9	80	66	190	76.3	80	70	193
									2EH04507558	68.9	2	69.1	83.5	90	93	190	87.9	90	97	193

Table 91: AW13 to AW23 VFD medium static with on/off power exhaust

Size (ton)	Nominal unit voltage	Comp. 1		Comp. 2		OD fan motors each FLA	Supply blower motor FLA	Pwr exh motor FLA	120 V trans FLA	Electric heat option field installed kit				MCA A	Max f/b size A	Min disconnect rating		MCA with 120 V trans A	Max f/b size with 120 V trans A	Min disconnect rating/120 V trans	
		RLA	LRA	RLA	LRA					Model	kW	Stages	A			FLA	LRA			FLA	LRA
13 (12.5)	208-3-60	27.0	50.4	20.3	167	4.7	13.2	5.0	9.6	None	—	—	—	86.7	110	92	320	96.3	110	103	330
										2EH04522525	18.8	1	52.1	94.1	110	92	320	106.1	110	103	330
										2EH04525025	37.6	2	104.3	159.4	175	147	320	171.4	175	158	330
	230-3-60	27.0	50.4	20.3	167	4.7	13.2	5.0	8.7	None	—	—	—	86.7	110	92	328	95.4	110	102	337
										2EH04522525	23.0	1	57.7	101.1	110	93	328	112.0	125	103	337
										2EH04525025	45.9	2	115.2	173.0	175	159	328	183.9	200	169	337
	460-3-60	14.0	24.5	9.9	69	2.3	6.1	2.2	4.3	None	—	—	—	42.5	50	45	148	46.8	60	50	152
										2EH04522546	23.0	1	28.8	49.1	50	45	148	54.5	60	50	152
										2EH04525046	45.9	2	57.6	85.1	90	78	148	90.5	100	83	152
	575-3-60	11.0	26	7.6	55	1.9	4.9	1.5	3.5	None	—	—	—	33.1	40	35	131	36.6	45	39	135
										2EH04522558	23.0	1	23.0	38.6	40	36	131	43.0	45	40	135
										2EH04525058	45.9	2	46.0	67.4	70	62	131	71.8	80	66	135
15 (15)	208-3-60	30.0	50.4	26.9	164	4.7	13.2	5.0	9.6	None	—	—	—	97.0	125	103	317	106.6	125	114	327
										2EH04502525	18.8	1	52.1	97.0	125	103	317	106.6	125	114	327
										2EH04505025	37.6	2	104.3	159.4	175	147	317	171.4	175	158	327
										2EH04507525	56.3	2	156.2	185.2	200	206	317	197.2	200	217	327
	230-3-60	30.0	50.4	26.9	164	4.7	13.2	5.0	8.7	None	—	—	—	97.0	125	103	325	105.7	125	113	334
										2EH04502525	23.0	1	57.7	101.1	125	103	325	112.0	125	113	334
										2EH04505025	45.9	2	115.2	173.0	175	159	325	183.9	200	169	334
										2EH04507525	68.9	2	172.9	201.9	225	226	325	212.8	225	236	334
	460-3-60	15.0	24.5	12.0	94	2.3	6.1	2.2	4.3	None	—	—	—	45.9	60	48	173	50.2	60	53	177
										2EH04502546	23.0	1	28.8	49.1	60	48	173	54.5	60	53	177
										2EH04505046	45.9	2	57.6	85.1	90	78	173	90.5	100	83	177
										2EH04507546	68.9	2	86.4	99.5	110	111	173	104.9	110	116	177
	575-3-60	12.0	26	9.0	65	1.9	4.9	1.5	3.5	None	—	—	—	35.7	45	38	141	39.2	50	42	145
										2EH04502558	23.0	1	23.0	38.6	45	38	141	43.0	50	42	145
										2EH04505058	45.9	2	46.0	67.4	70	62	141	71.8	80	66	145
										2EH04507558	68.9	2	69.1	79.0	90	89	141	83.4	90	93	145
18 (17.5)	208-3-60	36.0	50.4	27.9	179	4.7	20.4	5.0	9.6	None	—	—	—	122.1	150	130	372	131.7	150	141	382
										2EH04502525	18.8	1	52.1	122.1	150	130	372	131.7	150	141	382
										2EH04505025	37.6	2	104.3	168.4	175	155	372	180.4	200	166	382
										2EH04507525	56.3	2	156.2	194.2	200	215	372	206.2	225	226	382
	230-3-60	36.0	50.4	27.9	179	4.7	20.4	5.0	8.7	None	—	—	—	122.1	150	130	371	130.8	150	140	380
										2EH04502525	23.0	1	57.7	122.1	150	130	371	130.8	150	140	380
										2EH04505025	45.9	2	115.2	182.0	200	167	371	192.9	200	177	380
										2EH04507525	68.9	2	172.9	210.9	225	234	371	221.8	225	244	380
	460-3-60	17.5	24.5	12.2	103	2.3	9.9	2.2	4.3	None	—	—	—	57.6	70	61	198	61.9	70	66	202
										2EH04502546	23.0	1	28.8	57.6	70	61	198	61.9	70	66	202
										2EH04505046	45.9	2	57.6	89.9	90	83	198	95.3	100	88	202
										2EH04507546	68.9	2	86.4	104.3	110	116	198	109.7	110	121	202
	575-3-60	14.0	26	9.9	78	1.9	7.7	1.5	3.5	None	—	—	—	45.7	50	49	158	49.2	60	53	162
										2EH04502558	23.0	1	23.0	45.7	50	49	158	49.2	60	53	162
										2EH04505058	45.9	2	46.0	70.9	80	65	158	75.3	80	69	162
										2EH04507558	68.9	2	69.1	82.5	90	92	158	86.9	90	96	162

Table 91: AW13 to AW23 VFD medium static with on/off power exhaust

Size (ton)	Nominal unit voltage	Comp. 1		Comp. 2		OD fan motors each FLA	Supply blower motor FLA	Pwr exh motor FLA	120 V trans FLA	Electric heat option field installed kit				MCA A	Max f/b size A	Min disconnect rating		MCA with 120 V trans A	Max f/b size with 120 V trans A	Min disconnect rating/120 V trans	
		RLA	LRA	RLA	LRA					Model	kW	Stages	A			FLA	LRA			FLA	LRA
20 (20)	208-3-60	44.0	80	29.6	207.5	4.7	20.4	5.0	9.6	None	—	—	—	133.8	175	141	430	143.4	175	152	440
										2EH04502525	18.8	1	52.1	133.8	175	141	430	143.4	175	152	440
										2EH04505025	37.6	2	104.3	168.4	175	155	430	180.4	200	166	440
										2EH04507525	56.3	2	156.2	194.2	200	215	430	206.2	225	226	440
	230-3-60	44.0	80	29.6	207.5	4.7	20.4	5.0	8.7	None	—	—	—	133.8	175	141	429	142.5	175	151	438
										2EH04502525	23.0	1	57.7	133.8	175	141	429	142.5	175	151	438
										2EH04505025	45.9	2	115.2	182.0	200	167	429	192.9	200	177	438
										2EH04507525	68.9	2	172.9	210.9	225	234	429	221.8	225	244	438
	460-3-60	21.0	60	13.9	100.2	2.3	9.9	2.2	4.3	None	—	—	—	63.7	80	67	230	68.0	80	72	235
										2EH04502546	23.0	1	28.8	63.7	80	67	230	68.0	80	72	235
										2EH04505046	45.9	2	57.6	89.9	90	83	230	95.3	100	88	235
										2EH04507546	68.9	2	86.4	104.3	110	116	230	109.7	110	121	235
	575-3-60	18.0	37.6	10.1	78	1.9	7.7	1.5	3.5	None	—	—	—	50.9	60	53	170	54.4	70	57	173
										2EH04502558	23.0	1	23.0	50.9	60	53	170	54.4	70	57	173
										2EH04505058	45.9	2	46.0	70.9	80	65	170	75.3	80	69	173
										2EH04507558	68.9	2	69.1	82.5	90	92	170	86.9	90	96	173
23 (23)	208-3-60	58.0	80	30.1	255	4.7	30.0	5.0	9.6	None	—	—	—	161.4	200	169	495	171.0	225	180	504
										2EH04502525	18.8	1	52.1	161.4	200	169	495	171.0	225	180	504
										2EH04505025	37.6	2	104.3	180.4	200	169	495	192.4	225	180	504
										2EH04507525	56.3	2	156.2	206.2	225	226	495	218.2	225	237	504
	230-3-60	58.0	80	30.1	255	4.7	30.0	5.0	8.7	None	—	—	—	161.4	200	169	495	170.1	225	179	504
										2EH04502525	23.0	1	57.7	161.4	200	169	495	170.1	225	179	504
										2EH04505025	45.9	2	115.2	194.0	200	178	495	204.9	225	188	504
										2EH04507525	68.9	2	172.9	222.9	250	245	495	233.8	250	255	504
	460-3-60	29.0	60	13.0	123	2.3	14.3	2.2	4.3	None	—	—	—	77.2	100	80	262	81.5	110	85	267
										2EH04502546	23.0	1	28.8	77.2	100	80	262	81.5	110	85	267
										2EH04505046	45.9	2	57.6	95.4	100	88	262	100.8	110	93	267
										2EH04507546	68.9	2	86.4	109.8	110	121	262	115.2	125	126	267
	575-3-60	23.0	37.6	11.0	93.7	1.9	11.5	1.5	3.5	None	—	—	—	61.9	80	65	196	65.4	80	69	200
										2EH04502558	23.0	1	23.0	61.9	80	65	196	65.4	80	69	200
										2EH04505058	45.9	2	46.0	75.6	80	70	196	80.0	80	74	200
										2EH04507558	68.9	2	69.1	87.2	90	96	196	91.6	100	100	200

Table 92: AW13 to AW23 VFD medium static with modulating power exhaust

Size (ton)	Nominal unit voltage	Comp. 1		Comp. 2		OD fan motors each FLA	Supply blower motor FLA	Pwr exh motor FLA	120 V trans FLA	Electric heat option field installed kit				MCA A	Max f/b size A	Min disconnect rating		MCA with 120 V trans A	Max f/b size with 120 V trans A	Min disconnect rating/120 V trans	
		RLA	LRA	RLA	LRA					Model	kW	Stages	A			FLA	LRA			FLA	LRA
13 (12.5)	208-3-60	27.0	50.4	20.3	167	4.7	13.2	6.7	9.6	None	—	—	—	90.1	110	96	313	99.7	125	107	322
										2EH04522525	18.8	1	52.1	98.4	110	96	313	110.4	125	107	322
										2EH04525025	37.6	2	104.3	163.6	175	151	313	175.6	200	162	322
	230-3-60	27.0	50.4	20.3	167	4.7	13.2	6.7	8.7	None	—	—	—	90.1	110	96	321	98.8	125	106	330
										2EH04522525	23.0	1	57.7	105.4	110	97	321	116.3	125	107	330
										2EH04525025	45.9	2	115.2	177.3	200	163	321	188.1	200	173	330
	460-3-60	14.0	24.5	9.9	69	2.3	6.1	3.4	4.3	None	—	—	—	44.9	50	48	146	49.2	60	53	150
										2EH04522546	23.0	1	28.8	52.1	60	48	146	57.5	60	53	150
										2EH04525046	45.9	2	57.6	88.1	90	81	146	93.5	100	86	150
	575-3-60	11.0	26	7.6	55	1.9	4.9	2.7	3.5	None	—	—	—	35.5	45	38	130	39.0	50	42	134
										2EH04522558	23.0	1	23.0	41.6	45	38	130	46.0	50	42	134
										2EH04525058	45.9	2	46.0	70.4	80	65	130	74.8	80	69	134
15 (15)	208-3-60	30.0	50.4	26.9	164	4.7	13.2	6.7	9.6	None	—	—	—	100.4	125	107	310	110.0	125	118	319
										2EH04502525	18.8	1	52.1	100.4	125	107	310	110.4	125	118	319
										2EH04505025	37.6	2	104.3	163.6	175	151	310	175.6	200	162	319
										2EH04507525	56.3	2	156.2	189.5	200	210	310	201.5	225	221	319
	230-3-60	30.0	50.4	26.9	164	4.7	13.2	6.7	8.7	None	—	—	—	100.4	125	107	318	109.1	125	117	327
										2EH04502525	23.0	1	57.7	105.4	125	107	318	116.3	125	117	327
										2EH04505025	45.9	2	115.2	177.3	200	163	318	188.1	200	173	327
										2EH04507525	68.9	2	172.9	206.2	225	229	318	217.0	225	239	327
	460-3-60	15.0	24.5	12.0	94	2.3	6.1	3.4	4.3	None	—	—	—	48.3	60	51	171	52.6	60	56	175
										2EH04502546	23.0	1	28.8	52.1	60	51	171	57.5	60	56	175
										2EH04505046	45.9	2	57.6	88.1	90	81	171	93.5	100	86	175
										2EH04507546	68.9	2	86.4	102.5	110	114	171	107.9	110	119	175
	575-3-60	12.0	26	9.0	65	1.9	4.9	2.7	3.5	None	—	—	—	38.1	50	40	140	41.6	50	44	144
										2EH04502558	23.0	1	23.0	41.6	50	40	140	46.0	50	44	144
										2EH04505058	45.9	2	46.0	70.4	80	65	140	74.8	80	69	144
										2EH04507558	68.9	2	69.1	82.0	90	91	140	86.4	90	95	144
18 (17.5)	208-3-60	36.0	50.4	27.9	179	4.7	20.4	6.7	9.6	None	—	—	—	125.5	150	134	364	135.1	150	145	374
										2EH04502525	18.8	1	52.1	125.5	150	134	364	135.1	150	145	374
										2EH04505025	37.6	2	104.3	172.6	175	159	364	184.6	200	170	374
										2EH04507525	56.3	2	156.2	198.5	200	219	364	210.5	225	230	374
	230-3-60	36.0	50.4	27.9	179	4.7	20.4	6.7	8.7	None	—	—	—	125.5	150	134	364	134.2	150	144	372
										2EH04502525	23.0	1	57.7	125.5	150	134	364	134.2	150	144	372
										2EH04505025	45.9	2	115.2	186.3	200	171	364	197.1	200	181	372
										2EH04507525	68.9	2	172.9	215.2	225	238	364	226.0	250	248	372
	460-3-60	17.5	24.5	12.2	103	2.3	9.9	3.4	4.3	None	—	—	—	60.0	70	64	195	64.3	80	69	200
										2EH04502546	23.0	1	28.8	60.0	70	64	195	64.3	80	69	200
										2EH04505046	45.9	2	57.6	92.9	100	85	195	98.3	100	90	200
										2EH04507546	68.9	2	86.4	107.3	110	119	195	112.7	125	124	200
	575-3-60	14.0	26	9.9	78	1.9	7.7	2.7	3.5	None	—	—	—	48.1	60	51	157	51.6	60	55	161
										2EH04502558	23.0	1	23.0	48.1	60	51	157	51.6	60	55	161
										2EH04505058	45.9	2	46.0	73.9	80	68	157	78.3	80	72	161
										2EH04507558	68.9	2	69.1	85.5	90	95	157	89.9	90	99	161

Table 92: AW13 to AW23 VFD medium static with modulating power exhaust

Size (ton)	Nominal unit voltage	Comp. 1		Comp. 2		OD fan motors each FLA	Supply blower motor FLA	Pwr exh motor FLA	120 V trans FLA	Electric heat option field installed kit				MCA A	Max f/b size A	Min disconnect rating		MCA with 120 V trans A	Max f/b size with 120 V trans A	Min disconnect rating/120 V trans	
		RLA	LRA	RLA	LRA					Model	kW	Stages	A			FLA	LRA			FLA	LRA
20 (20)	208-3-60	44.0	80	29.6	207.5	4.7	20.4	6.7	9.6	None	—	—	—	137.2	175	145	423	146.8	175	156	432
										2EH04502525	18.8	1	52.1	137.2	175	145	423	146.8	175	156	432
										2EH04505025	37.6	2	104.3	172.6	175	159	423	184.6	200	170	432
										2EH04507525	56.3	2	156.2	198.5	200	219	423	210.5	225	230	432
	230-3-60	44.0	80	29.6	207.5	4.7	20.4	6.7	8.7	None	—	—	—	137.2	175	145	422	145.9	175	155	430
										2EH04502525	23.0	1	57.7	137.2	175	145	422	145.9	175	155	430
										2EH04505025	45.9	2	115.2	186.3	200	171	422	197.1	200	181	430
										2EH04507525	68.9	2	172.9	215.2	225	238	422	226.0	250	248	430
	460-3-60	21.0	60	13.9	100.2	2.3	9.9	3.4	4.3	None	—	—	—	66.1	80	70	228	70.4	90	75	232
										2EH04502546	23.0	1	28.8	66.1	80	70	228	70.4	90	75	232
										2EH04505046	45.9	2	57.6	92.9	100	85	228	98.3	100	90	232
										2EH04507546	68.9	2	86.4	107.3	110	119	228	112.7	125	124	232
	575-3-60	18.0	37.6	10.1	78	1.9	7.7	2.7	3.5	None	—	—	—	53.3	70	56	169	56.8	70	60	172
										2EH04502558	23.0	1	23.0	53.3	70	56	169	56.8	70	60	172
										2EH04505058	45.9	2	46.0	73.9	80	68	169	78.3	80	72	172
										2EH04507558	68.9	2	69.1	85.5	90	95	169	89.9	90	99	172
23 (23)	208-3-60	58.0	80	30.1	255	4.7	30.0	6.7	9.6	None	—	—	—	164.8	200	173	487	174.4	225	184	497
										2EH04502525	18.8	1	52.1	164.8	200	173	487	174.4	225	184	497
										2EH04505025	37.6	2	104.3	184.6	200	173	487	196.6	225	184	497
										2EH04507525	56.3	2	156.2	210.5	225	230	487	222.5	225	241	497
	230-3-60	58.0	80	30.1	255	4.7	30.0	6.7	8.7	None	—	—	—	164.8	200	173	487	173.5	225	183	496
										2EH04502525	23.0	1	57.7	164.8	200	173	487	173.5	225	183	496
										2EH04505025	45.9	2	115.2	198.3	200	182	487	209.1	225	192	496
										2EH04507525	68.9	2	172.9	227.2	250	249	487	238.0	250	259	496
	460-3-60	29.0	60	13.0	123	2.3	14.3	3.4	4.3	None	—	—	—	79.6	100	83	260	83.9	110	88	264
										2EH04502546	23.0	1	28.8	79.6	100	83	260	83.9	110	88	264
										2EH04505046	45.9	2	57.6	98.4	100	91	260	103.8	110	95	264
										2EH04507546	68.9	2	86.4	112.8	125	124	260	118.2	125	129	264
	575-3-60	23.0	37.6	11.0	93.7	1.9	11.5	2.7	3.5	None	—	—	—	64.3	80	67	195	67.8	90	71	199
										2EH04502558	23.0	1	23.0	64.3	80	67	195	67.8	90	71	199
										2EH04505058	45.9	2	46.0	78.6	80	72	195	83.0	90	76	199
										2EH04507558	68.9	2	69.1	90.2	100	99	195	94.6	100	103	199

VFD high static

Table 93: AW13 to AW23 VFD high static without power exhaust

Size (ton)	Nominal unit voltage	Comp. 1		Comp. 2		OD fan motors each FLA	Supply blower motor FLA	120 V trans FLA	Electric heat option field installed kit				MCA A	Max f/b size A	Min disconnect rating		MCA with 120 V trans A	Max f/b size with 120 V trans A	Min disconnect rating 120 V trans	
		RLA	LRA	RLA	LRA				Model	kW	Stages	A			FLA	LRA			FLA	LRA
13 (12.5)	208-3-60	27.0	50.4	20.3	167	4.7	20.4	9.6	None	—	—	—	83.9	110	89	330	93.5	110	100	339
									2EH04522525	18.8	1	52.1	90.6	110	89	330	102.6	110	100	339
									2EH04525025	37.6	2	104.3	155.9	175	143	330	167.9	175	154	339
	230-3-60	27.0	50.4	20.3	167	4.7	20.4	8.7	None	—	—	—	83.9	110	89	329	92.6	110	99	338
									2EH04522525	23.0	1	57.7	97.6	110	90	329	108.5	110	100	338
									2EH04525025	45.9	2	115.2	169.5	175	156	329	180.4	200	166	338
	460-3-60	14.0	24.5	9.9	69	2.3	9.9	4.3	None	—	—	—	41.9	50	44	150	46.2	60	49	154
									2EH04522546	23.0	1	28.8	48.4	50	45	150	53.8	60	49	154
									2EH04525046	45.9	2	57.6	84.4	90	78	150	89.8	90	83	154
	575-3-60	11.0	26	7.6	55	1.9	7.7	3.5	None	—	—	—	32.9	40	35	125	36.4	45	39	128
									2EH04522558	23.0	1	23.0	38.4	40	35	125	42.8	45	39	128
									2EH04525058	45.9	2	46.0	67.1	70	62	125	71.5	80	66	128
15 (15)	208-3-60	30.0	50.4	26.9	164	4.7	20.4	9.6	None	—	—	—	94.2	110	100	327	103.8	125	111	336
									2EH04502525	18.8	1	52.1	94.2	110	100	327	103.8	125	111	336
									2EH04505025	37.6	2	104.3	155.9	175	143	327	167.9	175	154	336
									2EH04507525	56.3	2	156.2	181.7	200	203	327	193.7	200	214	336
	230-3-60	30.0	50.4	26.9	164	4.7	20.4	8.7	None	—	—	—	94.2	110	100	326	102.9	125	110	335
									2EH04502525	23.0	1	57.7	97.6	110	100	326	108.5	125	110	335
									2EH04505025	45.9	2	115.2	169.5	175	156	326	180.4	200	166	335
									2EH04507525	68.9	2	172.9	198.4	225	222	326	209.3	225	232	335
	460-3-60	15.0	24.5	12.0	94	2.3	9.9	4.3	None	—	—	—	45.3	60	48	175	49.6	60	53	179
									2EH04502546	23.0	1	28.8	48.4	60	48	175	53.8	60	53	179
									2EH04505046	45.9	2	57.6	84.4	90	78	175	89.8	90	83	179
									2EH04507546	68.9	2	86.4	98.8	110	111	175	104.2	110	116	179
	575-3-60	12.0	26	9.0	65	1.9	7.7	3.5	None	—	—	—	35.5	45	37	135	39.0	50	41	138
									2EH04502558	23.0	1	23.0	38.4	45	37	135	42.8	50	41	138
									2EH04505058	45.9	2	46.0	67.1	70	62	135	71.5	80	66	138
									2EH04507558	68.9	2	69.1	78.7	90	88	135	83.1	90	92	138
18 (17.5)	208-3-60	36.0	50.4	27.9	179	4.7	30.0	9.6	None	—	—	—	121.7	150	130	368	131.3	150	141	378
									2EH04502525	18.8	1	52.1	121.7	150	130	368	131.3	150	141	378
									2EH04505025	37.6	2	104.3	167.9	175	154	368	179.9	200	165	378
									2EH04507525	56.3	2	156.2	193.7	200	214	368	205.7	225	225	378
	230-3-60	36.0	50.4	27.9	179	4.7	30.0	8.7	None	—	—	—	121.7	150	130	368	130.4	150	140	377
									2EH04502525	23.0	1	57.7	121.7	150	130	368	130.4	150	140	377
									2EH04505025	45.9	2	115.2	181.5	200	167	368	192.4	200	177	377
									2EH04507525	68.9	2	172.9	210.4	225	233	368	221.3	225	243	377
	460-3-60	17.5	24.5	12.2	103	2.3	14.3	4.3	None	—	—	—	57.6	70	61	198	61.9	70	66	202
									2EH04502546	23.0	1	28.8	57.6	70	61	198	61.9	70	66	202
									2EH04505046	45.9	2	57.6	89.9	90	83	198	95.3	100	88	202
									2EH04507546	68.9	2	86.4	104.3	110	116	198	109.7	110	121	202
	575-3-60	14.0	26	9.9	78	1.9	11.5	3.5	None	—	—	—	46.5	60	49	162	50.0	60	53	166
									2EH04502558	23.0	1	23.0	46.5	60	49	162	50.0	60	53	166
									2EH04505058	45.9	2	46.0	71.9	80	66	162	76.3	80	70	166
									2EH04507558	68.9	2	69.1	83.5	90	93	162	87.9	90	97	166

Table 93: AW13 to AW23 VFD high static without power exhaust

Size (ton)	Nominal unit voltage	Comp. 1		Comp. 2		OD fan motors each FLA	Supply blower motor FLA	120 V trans FLA	Electric heat option field installed kit				MCA A	Max f/b size A	Min disconnect rating		MCA with 120 V trans A	Max f/b size with 120 V trans A	Min disconnect rating 120 V trans	
		RLA	LRA	RLA	LRA				Model	kW	Stages	A			FLA	LRA			FLA	LRA
20 (20)	208-3-60	44.0	80	29.6	207.5	4.7	30.0	9.6	None	—	—	—	133.4	175	141	426	143.0	175	152	436
									2EH04502525	18.8	1	52.1	133.4	175	141	426	143.0	175	152	436
									2EH04505025	37.6	2	104.3	167.9	175	154	426	179.9	200	165	436
									2EH04507525	56.3	2	156.2	193.7	200	214	426	205.7	225	225	436
	230-3-60	44.0	80	29.6	207.5	4.7	30.0	8.7	None	—	—	—	133.4	175	141	426	142.1	175	151	435
									2EH04502525	23.0	1	57.7	133.4	175	141	426	142.1	175	151	435
									2EH04505025	45.9	2	115.2	181.5	200	167	426	192.4	200	177	435
									2EH04507525	68.9	2	172.9	210.4	225	233	426	221.3	225	243	435
	460-3-60	21.0	60	13.9	100.2	2.3	14.3	4.3	None	—	—	—	63.7	80	67	230	68.0	80	72	235
									2EH04502546	23.0	1	28.8	63.7	80	67	230	68.0	80	72	235
									2EH04505046	45.9	2	57.6	89.9	90	83	230	95.3	100	88	235
									2EH04507546	68.9	2	86.4	104.3	110	116	230	109.7	110	121	235
	575-3-60	18.0	37.6	10.1	78	1.9	11.5	3.5	None	—	—	—	51.7	60	54	174	55.2	70	58	178
									2EH04502558	23.0	1	23.0	51.7	60	54	174	55.2	70	58	178
									2EH04505058	45.9	2	46.0	71.9	80	66	174	76.3	80	70	178
									2EH04507558	68.9	2	69.1	83.5	90	93	174	87.9	90	97	178
23 (23)	208-3-60	58.0	80	30.1	255	4.7	39.6	9.6	None	—	—	—	161.0	200	168	512	170.6	225	180	521
									2EH04502525	18.8	1	52.1	161.0	200	168	512	170.6	225	180	521
									2EH04505025	37.6	2	104.3	179.9	200	168	512	191.9	225	180	521
									2EH04507525	56.3	2	156.2	205.7	225	225	512	217.7	250	236	521
	230-3-60	58.0	80	30.1	255	4.7	39.6	8.7	None	—	—	—	161.0	200	168	512	169.7	225	178	521
									2EH04502525	23.0	1	57.7	161.0	200	168	512	169.7	225	178	521
									2EH04505025	45.9	2	115.2	193.5	200	178	512	204.4	225	188	521
									2EH04507525	68.9	2	172.9	222.4	250	244	512	233.3	250	254	521
	460-3-60	29.0	60	13.0	123	2.3	18.7	4.3	None	—	—	—	77.2	100	80	272	81.5	110	85	276
									2EH04502546	23.0	1	28.8	77.2	100	80	272	81.5	110	85	276
									2EH04505046	45.9	2	57.6	95.4	100	88	272	100.8	110	93	276
									2EH04507546	68.9	2	86.4	109.8	125	121	272	115.2	125	126	276
	575-3-60	23.0	37.6	11.0	93.7	1.9	14.2	3.5	None	—	—	—	61.6	80	64	220	65.1	80	68	224
									2EH04502558	23.0	1	23.0	61.6	80	64	220	65.1	80	68	224
									2EH04505058	45.9	2	46.0	75.3	80	69	220	79.6	80	73	224
									2EH04507558	68.9	2	69.1	86.9	100	96	220	91.2	100	100	224

Table 94: AW13 to AW23 VFD high static with on/off power exhaust

Size (ton)	Nominal unit voltage	Comp. 1		Comp. 2		OD fan motors each FLA	Supply blower motor FLA	Pwr exh motor FLA	120 V trans FLA	Electric heat option field installed kit				MCA A	Max f/b size A	Min disconnect rating		MCA with 120 V trans A	Max f/b size with 120 V trans A	Min disconnect rating/120 V trans	
		RLA	LRA	RLA	LRA					Model	kW	Stages	A			FLA	LRA			FLA	LRA
13 (12.5)	208-3-60	27.0	50.4	20.3	167	4.7	20.4	5.0	9.6	None	—	—	—	93.9	110	100	351	103.5	125	111	360
										2EH04522525	18.8	1	52.1	103.1	110	100	351	115.1	125	111	360
										2EH04525025	37.6	2	104.3	168.4	175	155	351	180.4	200	166	360
	230-3-60	27.0	50.4	20.3	167	4.7	20.4	5.0	8.7	None	—	—	—	93.9	110	100	350	102.6	125	110	359
										2EH04522525	23.0	1	57.7	110.1	125	101	350	121.0	125	111	359
										2EH04525025	45.9	2	115.2	182.0	200	167	350	192.9	200	177	359
	460-3-60	14.0	24.5	9.9	69	2.3	9.9	2.2	4.3	None	—	—	—	46.3	60	49	159	50.6	60	54	163
										2EH04522546	23.0	1	28.8	53.9	60	50	159	59.3	60	55	163
										2EH04525046	45.9	2	57.6	89.9	90	83	159	95.3	100	88	163
	575-3-60	11.0	26	7.6	55	1.9	7.7	1.5	3.5	None	—	—	—	35.9	45	38	131	39.4	50	42	135
										2EH04522558	23.0	1	23.0	42.1	45	39	131	46.5	50	43	135
										2EH04525058	45.9	2	46.0	70.9	80	65	131	75.3	80	69	135
15 (15)	208-3-60	30.0	50.4	26.9	164	4.7	20.4	5.0	9.6	None	—	—	—	104.2	125	111	348	113.8	125	122	357
										2EH04502525	18.8	1	52.1	104.2	125	111	348	115.1	125	122	357
										2EH04505025	37.6	2	104.3	168.4	175	155	348	180.4	200	166	357
										2EH04507525	56.3	2	156.2	194.2	200	215	348	206.2	225	226	357
	230-3-60	30.0	50.4	26.9	164	4.7	20.4	5.0	8.7	None	—	—	—	104.2	125	111	347	112.9	125	121	356
										2EH04502525	23.0	1	57.7	110.1	125	111	347	121.0	125	121	356
										2EH04505025	45.9	2	115.2	182.0	200	167	347	192.9	200	177	356
										2EH04507525	68.9	2	172.9	210.9	225	234	347	221.8	225	244	356
	460-3-60	15.0	24.5	12.0	94	2.3	9.9	2.2	4.3	None	—	—	—	49.7	60	53	184	54.0	60	58	188
										2EH04502546	23.0	1	28.8	53.9	60	53	184	59.3	60	58	188
										2EH04505046	45.9	2	57.6	89.9	90	83	184	95.3	100	88	188
										2EH04507546	68.9	2	86.4	104.3	110	116	184	109.7	110	121	188
	575-3-60	12.0	26	9.0	65	1.9	7.7	1.5	3.5	None	—	—	—	38.5	50	41	141	42.0	50	45	145
										2EH04502558	23.0	1	23.0	42.1	50	41	141	46.5	50	45	145
										2EH04505058	45.9	2	46.0	70.9	80	65	141	75.3	80	69	145
										2EH04507558	68.9	2	69.1	82.5	90	92	141	86.9	90	96	145
18 (17.5)	208-3-60	36.0	50.4	27.9	179	4.7	30.0	5.0	9.6	None	—	—	—	131.7	150	141	389	141.3	175	152	399
										2EH04502525	18.8	1	52.1	131.7	150	141	389	141.3	175	152	399
										2EH04505025	37.6	2	104.3	180.4	200	166	389	192.4	200	177	399
										2EH04507525	56.3	2	156.2	206.2	225	226	389	218.2	225	237	399
	230-3-60	36.0	50.4	27.9	179	4.7	30.0	5.0	8.7	None	—	—	—	131.7	150	141	389	140.4	175	151	398
										2EH04502525	23.0	1	57.7	131.7	150	141	389	140.4	175	151	398
										2EH04505025	45.9	2	115.2	194.0	200	178	389	204.9	225	188	398
										2EH04507525	68.9	2	172.9	222.9	250	245	389	233.8	250	255	398
	460-3-60	17.5	24.5	12.2	103	2.3	14.3	2.2	4.3	None	—	—	—	62.0	70	66	207	66.3	80	71	211
										2EH04502546	23.0	1	28.8	62.0	70	66	207	66.3	80	71	211
										2EH04505046	45.9	2	57.6	95.4	100	88	207	100.8	110	93	211
										2EH04507546	68.9	2	86.4	109.8	110	121	207	115.2	125	126	211
	575-3-60	14.0	26	9.9	78	1.9	11.5	1.5	3.5	None	—	—	—	49.5	60	53	169	53.0	60	57	172
										2EH04502558	23.0	1	23.0	49.5	60	53	169	53.0	60	57	172
										2EH04505058	45.9	2	46.0	75.6	80	70	169	80.0	90	74	172
										2EH04507558	68.9	2	69.1	87.2	90	96	169	91.6	100	100	172

Table 94: AW13 to AW23 VFD high static with on/off power exhaust

Size (ton)	Nominal unit voltage	Comp. 1		Comp. 2		OD fan motors each FLA	Supply blower motor FLA	Pwr exh motor FLA	120 V trans FLA	Electric heat option field installed kit				MCA A	Max f/b size A	Min disconnect rating		MCA with 120 V trans A	Max f/b size with 120 V trans A	Min disconnect rating/120 V trans	
		RLA	LRA	RLA	LRA					Model	kW	Stages	A			FLA	LRA			FLA	LRA
20 (20)	208-3-60	44.0	80	29.6	207.5	4.7	30.0	5.0	9.6	None	—	—	—	143.4	175	152	447	153.0	175	163	457
										2EH04502525	18.8	1	52.1	143.4	175	152	447	153.0	175	163	457
										2EH04505025	37.6	2	104.3	180.4	200	166	447	192.4	200	177	457
										2EH04507525	56.3	2	156.2	206.2	225	226	447	218.2	225	237	457
	230-3-60	44.0	80	29.6	207.5	4.7	30.0	5.0	8.7	None	—	—	—	143.4	175	152	447	152.1	175	162	456
										2EH04502525	23.0	1	57.7	143.4	175	152	447	152.1	175	162	456
										2EH04505025	45.9	2	115.2	194.0	200	178	447	204.9	225	188	456
										2EH04507525	68.9	2	172.9	222.9	250	245	447	233.8	250	255	456
	460-3-60	21.0	60	13.9	100.2	2.3	14.3	2.2	4.3	None	—	—	—	68.1	80	72	239	72.4	90	77	244
										2EH04502546	23.0	1	28.8	68.1	80	72	239	72.4	90	77	244
										2EH04505046	45.9	2	57.6	95.4	100	88	239	100.8	110	93	244
										2EH04507546	68.9	2	86.4	109.8	110	121	239	115.2	125	126	244
	575-3-60	18.0	37.6	10.1	78	1.9	11.5	1.5	3.5	None	—	—	—	54.7	70	58	180	58.2	70	62	184
										2EH04502558	23.0	1	23.0	54.7	70	58	180	58.2	70	62	184
										2EH04505058	45.9	2	46.0	75.6	80	70	180	80.0	90	74	184
										2EH04507558	68.9	2	69.1	87.2	90	96	180	91.6	100	100	184
23 (23)	208-3-60	58.0	80	30.1	255	4.7	39.6	5.0	9.6	None	—	—	—	171.0	225	180	533	180.6	225	191	542
										2EH04502525	18.8	1	52.1	171.0	225	180	533	180.6	225	191	542
										2EH04505025	37.6	2	104.3	192.4	225	180	533	204.4	225	191	542
										2EH04507525	56.3	2	156.2	218.2	250	237	533	230.2	250	248	542
	230-3-60	58.0	80	30.1	255	4.7	39.6	5.0	8.7	None	—	—	—	171.0	225	180	533	179.7	225	190	542
										2EH04502525	23.0	1	57.7	171.0	225	180	533	179.7	225	190	542
										2EH04505025	45.9	2	115.2	206.0	225	190	533	216.9	225	200	542
										2EH04507525	68.9	2	172.9	234.9	250	256	533	245.8	250	266	542
	460-3-60	29.0	60	13.0	123	2.3	18.7	2.2	4.3	None	—	—	—	81.6	110	85	281	85.9	110	90	286
										2EH04502546	23.0	1	28.8	81.6	110	85	281	85.9	110	90	286
										2EH04505046	45.9	2	57.6	100.9	110	93	281	106.3	110	98	286
										2EH04507546	68.9	2	86.4	115.3	125	126	281	120.7	125	131	286
	575-3-60	23.0	37.6	11.0	93.7	1.9	14.2	1.5	3.5	None	—	—	—	64.6	80	68	227	68.1	90	72	230
										2EH04502558	23.0	1	23.0	64.6	80	68	227	68.1	90	72	230
										2EH04505058	45.9	2	46.0	79.0	80	73	227	83.4	90	77	230
										2EH04507558	68.9	2	69.1	90.6	100	99	227	95.0	100	103	230

Table 95: AW13 to AW23 VFD high static with modulating power exhaust

Size (ton)	Nominal unit voltage	Comp. 1		Comp. 2		OD fan motors each FLA	Supply blower motor FLA	Pwr exh motor FLA	120 V trans FLA	Electric heat option field installed kit				MCA A	Max f/b size A	Min disconnect rating		MCA with 120 V trans A	Max f/b size with 120 V trans A	Min disconnect rating/120 V trans	
		RLA	LRA	RLA	LRA					Model	kW	Stages	A			FLA	LRA			FLA	LRA
13 (12.5)	208-3-60	27.0	50.4	20.3	167	4.7	20.4	6.7	9.6	None	—	—	—	97.3	110	104	343	106.9	125	115	353
										2EH04522525	18.8	1	52.1	107.4	110	104	343	119.4	125	115	353
										2EH04525025	37.6	2	104.3	172.6	175	159	343	184.6	200	170	353
	230-3-60	27.0	50.4	20.3	167	4.7	20.4	6.7	8.7	None	—	—	—	97.3	110	104	342	106.0	125	114	351
										2EH04522525	23.0	1	57.7	114.4	125	105	342	125.3	150	115	351
										2EH04525025	45.9	2	115.2	186.3	200	171	342	197.1	200	181	351
	460-3-60	14.0	24.5	9.9	69	2.3	9.9	3.4	4.3	None	—	—	—	48.7	60	52	156	53.0	60	57	161
										2EH04522546	23.0	1	28.8	56.9	60	52	156	62.3	70	57	161
										2EH04525046	45.9	2	57.6	92.9	100	85	156	98.3	100	90	161
	575-3-60	11.0	26	7.6	55	1.9	7.7	2.7	3.5	None	—	—	—	38.3	45	41	130	41.8	50	45	134
										2EH04522558	23.0	1	23.0	45.1	50	42	130	49.5	50	46	134
										2EH04525058	45.9	2	46.0	73.9	80	68	130	78.3	80	72	134
15 (15)	208-3-60	30.0	50.4	26.9	164	4.7	20.4	6.7	9.6	None	—	—	—	107.6	125	115	340	117.2	125	126	350
										2EH04502525	18.8	1	52.1	107.6	125	115	340	119.4	125	126	350
										2EH04505025	37.6	2	104.3	172.6	175	159	340	184.6	200	170	350
										2EH04507525	56.3	2	156.2	198.5	200	219	340	210.5	225	230	350
	230-3-60	30.0	50.4	26.9	164	4.7	20.4	6.7	8.7	None	—	—	—	107.6	125	115	339	116.3	125	125	348
										2EH04502525	23.0	1	57.7	114.4	125	115	339	125.3	150	125	348
										2EH04505025	45.9	2	115.2	186.3	200	171	339	197.1	200	181	348
										2EH04507525	68.9	2	172.9	215.2	225	238	339	226.0	250	248	348
	460-3-60	15.0	24.5	12.0	94	2.3	9.9	3.4	4.3	None	—	—	—	52.1	60	56	181	56.4	70	60	186
										2EH04502546	23.0	1	28.8	56.9	60	56	181	62.3	70	60	186
										2EH04505046	45.9	2	57.6	92.9	100	85	181	98.3	100	90	186
										2EH04507546	68.9	2	86.4	107.3	110	119	181	112.7	125	124	186
	575-3-60	12.0	26	9.0	65	1.9	7.7	2.7	3.5	None	—	—	—	40.9	50	44	140	44.4	50	48	144
										2EH04502558	23.0	1	23.0	45.1	50	44	140	49.5	50	48	144
										2EH04505058	45.9	2	46.0	73.9	80	68	140	78.3	80	72	144
										2EH04507558	68.9	2	69.1	85.5	90	95	140	89.9	90	99	144
18 (17.5)	208-3-60	36.0	50.4	27.9	179	4.7	30.0	6.7	9.6	None	—	—	—	135.1	150	145	382	144.7	175	156	391
										2EH04502525	18.8	1	52.1	135.1	150	145	382	144.7	175	156	391
										2EH04505025	37.6	2	104.3	184.6	200	170	382	196.6	200	181	391
										2EH04507525	56.3	2	156.2	210.5	225	230	382	222.5	225	241	391
	230-3-60	36.0	50.4	27.9	179	4.7	30.0	6.7	8.7	None	—	—	—	135.1	150	145	382	143.8	175	155	390
										2EH04502525	23.0	1	57.7	135.1	150	145	382	143.8	175	155	390
										2EH04505025	45.9	2	115.2	198.3	200	182	382	209.1	225	192	390
										2EH04507525	68.9	2	172.9	227.2	250	249	382	238.0	250	259	390
	460-3-60	17.5	24.5	12.2	103	2.3	14.3	3.4	4.3	None	—	—	—	64.4	80	69	204	68.7	80	74	209
										2EH04502546	23.0	1	28.8	64.4	80	69	204	68.7	80	74	209
										2EH04505046	45.9	2	57.6	98.4	100	91	204	103.8	110	95	209
										2EH04507546	68.9	2	86.4	112.8	125	124	204	118.2	125	129	209
	575-3-60	14.0	26	9.9	78	1.9	11.5	2.7	3.5	None	—	—	—	51.9	60	56	168	55.4	60	60	171
										2EH04502558	23.0	1	23.0	51.9	60	56	168	55.4	60	60	171
										2EH04505058	45.9	2	46.0	78.6	80	72	168	83.0	90	76	171
										2EH04507558	68.9	2	69.1	90.2	100	99	168	94.6	100	103	171

Table 95: AW13 to AW23 VFD high static with modulating power exhaust

Size (ton)	Nominal unit voltage	Comp. 1		Comp. 2		OD fan motors each FLA	Supply blower motor FLA	Pwr exh motor FLA	120 V trans FLA	Electric heat option field installed kit				MCA A	Max f/b size A	Min disconnect rating		MCA with 120 V trans A	Max f/b size with 120 V trans A	Min disconnect rating/120 V trans	
		RLA	LRA	RLA	LRA					Model	kW	Stages	A			FLA	LRA			FLA	LRA
20 (20)	208-3-60	44.0	80	29.6	207.5	4.7	30.0	6.7	9.6	None	—	—	—	146.8	175	156	440	156.4	200	167	449
										2EH04502525	18.8	1	52.1	146.8	175	156	440	156.4	200	167	449
										2EH04505025	37.6	2	104.3	184.6	200	170	440	196.6	200	181	449
										2EH04507525	56.3	2	156.2	210.5	225	230	440	222.5	225	241	449
	230-3-60	44.0	80	29.6	207.5	4.7	30.0	6.7	8.7	None	—	—	—	146.8	175	156	440	155.5	175	166	448
										2EH04502525	23.0	1	57.7	146.8	175	156	440	155.5	175	166	448
										2EH04505025	45.9	2	115.2	198.3	200	182	440	209.1	225	192	448
										2EH04507525	68.9	2	172.9	227.2	250	249	440	238.0	250	259	448
	460-3-60	21.0	60	13.9	100.2	2.3	14.3	3.4	4.3	None	—	—	—	70.5	90	75	237	74.8	90	80	241
										2EH04502546	23.0	1	28.8	70.5	90	75	237	74.8	90	80	241
										2EH04505046	45.9	2	57.6	98.4	100	91	237	103.8	110	95	241
										2EH04507546	68.9	2	86.4	112.8	125	124	237	118.2	125	129	241
	575-3-60	18.0	37.6	10.1	78	1.9	11.5	2.7	3.5	None	—	—	—	57.1	70	60	179	60.6	70	65	183
										2EH04502558	23.0	1	23.0	57.1	70	60	179	60.6	70	65	183
										2EH04505058	45.9	2	46.0	78.6	80	72	179	83.0	90	76	183
										2EH04507558	68.9	2	69.1	90.2	100	99	179	94.6	100	103	183
23 (23)	208-3-60	58.0	80	30.1	255	4.7	39.6	6.7	9.6	None	—	—	—	174.4	225	184	525	184.0	225	195	535
										2EH04502525	18.8	1	52.1	174.4	225	184	525	184.0	225	195	535
										2EH04505025	37.6	2	104.3	196.6	225	184	525	208.6	225	195	535
										2EH04507525	56.3	2	156.2	222.5	250	241	525	234.5	250	252	535
	230-3-60	58.0	80	30.1	255	4.7	39.6	6.7	8.7	None	—	—	—	174.4	225	184	525	183.1	225	194	534
										2EH04502525	23.0	1	57.7	174.4	225	184	525	183.1	225	194	534
										2EH04505025	45.9	2	115.2	210.3	225	193	525	221.1	225	203	534
										2EH04507525	68.9	2	172.9	239.2	250	260	525	250.0	250	270	534
	460-3-60	29.0	60	13.0	123	2.3	18.7	3.4	4.3	None	—	—	—	84.0	110	88	279	88.3	110	93	283
										2EH04502546	23.0	1	28.8	84.0	110	88	279	88.3	110	93	283
										2EH04505046	45.9	2	57.6	103.9	110	96	279	109.3	110	101	283
										2EH04507546	68.9	2	86.4	118.3	125	129	279	123.7	125	134	283
	575-3-60	23.0	37.6	11.0	93.7	1.9	14.2	2.7	3.5	None	—	—	—	67.0	90	70	226	70.5	90	74	229
										2EH04502558	23.0	1	23.0	67.0	90	70	226	70.5	90	74	229
										2EH04505058	45.9	2	46.0	82.0	90	75	226	86.4	90	79	229
										2EH04507558	68.9	2	69.1	93.6	100	102	226	98.0	110	106	229

Customer supplied standard static

Table 96: AW13 to AW23 VFD customer supplied standard static without power exhaust

Size (ton)	Nominal unit voltage	Comp. 1		Comp. 2		OD fan motors each FLA	Supply blower motor FLA	120 V trans FLA	Electric heat option field installed kit				MCA A	Max f/b size A	Min disconnect rating		MCA with 120 V trans A	Max f/b size with 120 V trans A	Min disconnect rating/120 V trans	
		RLA	LRA	RLA	LRA				Model	kW	Stages	A			FLA	LRA			FLA	LRA
13 (12.5)	208-3-60	27.0	50.4	20.3	167	4.7	8.9	9.6	None	—	—	—	72.4	90	75	289	82.0	100	86	298
									2EH04522525	18.8	1	52.1	76.3	90	75	289	88.3	100	86	298
									2EH04525025	37.6	2	104.3	141.5	150	130	289	153.5	175	141	298
	230-3-60	27.0	50.4	20.3	167	4.7	8.2	8.7	None	—	—	—	71.7	90	75	296	80.4	100	85	305
									2EH04522525	23.0	1	57.7	82.4	90	76	296	93.3	100	86	305
									2EH04525025	45.9	2	115.2	154.3	175	142	296	165.1	175	152	305
	460-3-60	14.0	24.5	9.9	69	2.3	4.1	4.3	None	—	—	—	36.1	50	37	133	40.4	50	42	137
									2EH04522546	23.0	1	28.8	41.1	50	38	133	46.5	50	43	137
									2EH04525046	45.9	2	57.6	77.1	80	71	133	82.5	90	76	137
	575-3-60	11.0	26	7.6	55	1.9	3.2	3.5	None	—	—	—	28.4	35	29	111	31.9	40	33	114
									2EH04522558	23.0	1	23.0	32.8	35	30	111	37.1	40	34	114
									2EH04525058	45.9	2	46.0	61.5	70	57	111	65.9	70	61	114
15 (15)	208-3-60	30.0	50.4	26.9	164	4.7	8.9	9.6	None	—	—	—	82.7	110	86	286	92.3	110	98	295
									2EH04502525	18.8	1	52.1	82.7	110	86	286	92.3	110	98	295
									2EH04505025	37.6	2	104.3	141.5	150	130	286	153.5	175	141	295
									2EH04507525	56.3	2	156.2	167.3	200	190	286	179.3	200	201	295
	230-3-60	30.0	50.4	26.9	164	4.7	8.2	8.7	None	—	—	—	82.0	110	86	293	90.7	110	96	302
									2EH04502525	23.0	1	57.7	82.4	110	86	293	93.3	110	96	302
									2EH04505025	45.9	2	115.2	154.3	175	142	293	165.1	175	152	302
									2EH04507525	68.9	2	172.9	183.2	200	208	293	194.0	225	218	302
	460-3-60	15.0	24.5	12.0	94	2.3	4.1	4.3	None	—	—	—	39.5	50	41	158	43.8	50	46	162
									2EH04502546	23.0	1	28.8	41.1	50	41	158	46.5	50	46	162
									2EH04505046	45.9	2	57.6	77.1	80	71	158	82.5	90	76	162
									2EH04507546	68.9	2	86.4	91.5	100	104	158	96.9	100	109	162
	575-3-60	12.0	26	9.0	65	1.9	3.2	3.5	None	—	—	—	31.0	40	32	121	34.5	45	36	124
									2EH04502558	23.0	1	23.0	32.8	40	32	121	37.1	45	36	124
									2EH04505058	45.9	2	46.0	61.5	70	57	121	65.9	70	61	124
									2EH04507558	68.9	2	69.1	73.1	80	83	121	77.5	80	87	124
18 (17.5)	208-3-60	36.0	50.4	27.9	179	4.7	9.9	9.6	None	—	—	—	101.6	125	106	321	111.2	125	118	330
									2EH04502525	18.8	1	52.1	101.6	125	106	321	111.2	125	118	330
									2EH04505025	37.6	2	104.3	142.8	150	131	321	154.8	175	142	330
									2EH04507525	56.3	2	156.2	168.6	200	191	321	180.6	200	202	330
	230-3-60	36.0	50.4	27.9	179	4.7	9.4	8.7	None	—	—	—	101.1	125	106	329	109.8	125	116	338
									2EH04502525	23.0	1	57.7	101.1	125	106	329	109.8	125	116	338
									2EH04505025	45.9	2	115.2	155.8	175	143	329	166.6	175	153	338
									2EH04507525	68.9	2	172.9	184.7	200	210	329	195.5	225	220	338
	460-3-60	17.5	24.5	12.2	103	2.3	4.7	4.3	None	—	—	—	48.0	60	50	178	52.3	60	55	182
									2EH04502546	23.0	1	28.8	48.0	60	50	178	52.3	60	55	182
									2EH04505046	45.9	2	57.6	77.9	80	72	178	83.3	90	77	182
									2EH04507546	68.9	2	86.4	92.3	100	105	178	97.7	110	110	182
	575-3-60	14.0	26	9.9	78	1.9	4.3	3.5	None	—	—	—	39.3	50	41	152	42.8	50	45	155
									2EH04502558	23.0	1	23.0	39.3	50	41	152	42.8	50	45	155
									2EH04505058	45.9	2	46.0	62.9	70	58	152	67.3	70	62	155
									2EH04507558	68.9	2	69.1	74.5	80	84	152	78.9	90	88	155

Table 96: AW13 to AW23 VFD customer supplied standard static without power exhaust

Size (ton)	Nominal unit voltage	Comp. 1		Comp. 2		OD fan motors each FLA	Supply blower motor FLA	120 V trans FLA	Electric heat option field installed kit				MCA A	Max f/b size A	Min disconnect rating		MCA with 120 V trans A	Max f/b size with 120 V trans A	Min disconnect rating/120 V trans	
		RLA	LRA	RLA	LRA				Model	kW	Stages	A			FLA	LRA			FLA	LRA
20 (20)	208-3-60	44.0	80	29.6	207.5	4.7	13.5	9.6	None	—	—	—	116.9	150	122	409	126.5	150	133	419
									2EH04502525	18.8	1	52.1	116.9	150	122	409	126.5	150	133	419
									2EH04505025	37.6	2	104.3	147.3	150	135	409	159.3	175	147	419
									2EH04507525	56.3	2	156.2	173.1	200	195	409	185.1	200	206	419
	230-3-60	44.0	80	29.6	207.5	4.7	13.4	8.7	None	—	—	—	116.8	150	122	408	125.5	150	132	417
									2EH04502525	23.0	1	57.7	116.8	150	122	408	125.5	150	132	417
									2EH04505025	45.9	2	115.2	160.8	175	148	408	171.6	175	158	417
									2EH04507525	68.9	2	172.9	189.7	225	214	408	200.5	225	224	417
	460-3-60	21.0	60	13.9	100.2	2.3	6.7	4.3	None	—	—	—	56.1	70	58	221	60.4	80	63	226
									2EH04502546	23.0	1	28.8	56.1	70	58	221	60.4	80	63	226
									2EH04505046	45.9	2	57.6	80.4	90	74	221	85.8	90	79	226
									2EH04507546	68.9	2	86.4	94.8	110	107	221	100.2	110	112	226
	575-3-60	18.0	37.6	10.1	78	1.9	5.4	3.5	None	—	—	—	45.6	60	47	163	49.1	60	51	167
									2EH04502558	23.0	1	23.0	45.6	60	47	163	49.1	60	51	167
									2EH04505058	45.9	2	46.0	64.3	70	59	163	68.6	70	63	167
									2EH04507558	68.9	2	69.1	75.9	90	86	163	80.2	90	90	167
23 (23)	208-3-60	58.0	80	30.1	255	4.7	13.5	9.6	None	—	—	—	134.9	175	138	457	144.5	200	150	466
									2EH04502525	18.8	1	52.1	134.9	175	138	457	144.5	200	150	466
									2EH04505025	37.6	2	104.3	147.3	175	138	457	159.3	200	150	466
									2EH04507525	56.3	2	156.2	173.1	200	195	457	185.1	200	206	466
	230-3-60	58.0	80	30.1	255	4.7	13.4	8.7	None	—	—	—	134.8	175	138	456	143.5	200	148	465
									2EH04502525	23.0	1	57.7	134.8	175	138	456	143.5	200	148	465
									2EH04505025	45.9	2	115.2	160.8	175	148	456	171.6	200	158	465
									2EH04507525	68.9	2	172.9	189.7	225	214	456	200.5	225	224	465
	460-3-60	29.0	60	13.0	123	2.3	6.7	4.3	None	—	—	—	65.2	90	67	244	69.5	90	72	248
									2EH04502546	23.0	1	28.8	65.2	90	67	244	69.5	90	72	248
									2EH04505046	45.9	2	57.6	80.4	90	74	244	85.8	90	79	248
									2EH04507546	68.9	2	86.4	94.8	110	107	244	100.2	110	112	248
	575-3-60	23.0	37.6	11.0	93.7	1.9	5.4	3.5	None	—	—	—	52.8	70	54	179	56.3	70	58	182
									2EH04502558	23.0	1	23.0	52.8	70	54	179	56.3	70	58	182
									2EH04505058	45.9	2	46.0	64.3	70	59	179	68.6	70	63	182
									2EH04507558	68.9	2	69.1	75.9	90	86	179	80.2	90	90	182

Table 97: AW13 to AW23 VFD customer supplied standard static with on/off power exhaust

Size (ton)	Nominal unit voltage	Comp. 1		Comp. 2		OD fan motors each FLA	Supply blower motor FLA	Pwr exh motor FLA	120 V trans FLA	Electric heat option field installed kit				MCA A	Max f/b size A	Min disconnect rating		MCA with 120 V trans A	Max f/b size with 120 V trans A	Min disconnect rating/120 V trans	
		RLA	LRA	RLA	LRA					Model	kW	Stages	A			FLA	LRA			FLA	LRA
13 (12.5)	208-3-60	27.0	50.4	20.3	167	4.7	8.9	5.0	9.6	None	—	—	—	82.4	100	87	310	92.0	110	98	319
										2EH04522525	18.8	1	52.1	88.8	100	87	310	100.8	110	98	319
										2EH04525025	37.6	2	104.3	154.0	175	142	310	166.0	175	153	319
	230-3-60	27.0	50.4	20.3	167	4.7	8.2	5.0	8.7	None	—	—	—	81.7	100	86	317	90.4	110	96	326
										2EH04522525	23.0	1	57.7	94.9	100	87	317	105.8	110	97	326
										2EH04525025	45.9	2	115.2	166.8	175	153	317	177.6	200	163	326
	460-3-60	14.0	24.5	9.9	69	2.3	4.1	2.2	4.3	None	—	—	—	40.5	50	43	142	44.8	50	47	147
										2EH04522546	23.0	1	28.8	46.6	50	43	142	52.0	60	48	147
										2EH04525046	45.9	2	57.6	82.6	90	76	142	88.0	90	81	147
	575-3-60	11.0	26	7.6	55	1.9	3.2	1.5	3.5	None	—	—	—	31.4	40	33	117	34.9	45	37	121
										2EH04522558	23.0	1	23.0	36.5	40	34	117	40.9	45	38	121
										2EH04525058	45.9	2	46.0	65.3	70	60	117	69.6	70	64	121
15 (15)	208-3-60	30.0	50.4	26.9	164	4.7	8.9	5.0	9.6	None	—	—	—	92.7	110	98	307	102.3	125	109	316
										2EH04502525	18.8	1	52.1	92.7	110	98	307	102.3	125	109	316
										2EH04505025	37.6	2	104.3	154.0	175	142	307	166.0	175	153	316
										2EH04507525	56.3	2	156.2	179.8	200	201	307	191.8	200	212	316
	230-3-60	30.0	50.4	26.9	164	4.7	8.2	5.0	8.7	None	—	—	—	92.0	110	97	314	100.7	125	107	323
										2EH04502525	23.0	1	57.7	94.9	110	97	314	105.8	125	107	323
										2EH04505025	45.9	2	115.2	166.8	175	153	314	177.6	200	163	323
										2EH04507525	68.9	2	172.9	195.7	225	220	314	206.5	225	230	323
	460-3-60	15.0	24.5	12.0	94	2.3	4.1	2.2	4.3	None	—	—	—	43.9	50	46	167	48.2	60	51	172
										2EH04502546	23.0	1	28.8	46.6	50	46	167	52.0	60	51	172
										2EH04505046	45.9	2	57.6	82.6	90	76	167	88.0	90	81	172
										2EH04507546	68.9	2	86.4	97.0	110	109	167	102.4	110	114	172
	575-3-60	12.0	26	9.0	65	1.9	3.2	1.5	3.5	None	—	—	—	34.0	45	36	127	37.5	45	40	131
										2EH04502558	23.0	1	23.0	36.5	45	36	127	40.9	45	40	131
										2EH04505058	45.9	2	46.0	65.3	70	60	127	69.6	70	64	131
										2EH04507558	68.9	2	69.1	76.9	80	87	127	81.2	90	91	131
18 (17.5)	208-3-60	36.0	50.4	27.9	179	4.7	9.9	5.0	9.6	None	—	—	—	111.6	125	118	342	121.2	150	129	351
										2EH04502525	18.8	1	52.1	111.6	125	118	342	121.2	150	129	351
										2EH04505025	37.6	2	104.3	155.3	175	143	342	167.3	175	154	351
										2EH04507525	56.3	2	156.2	181.1	200	203	342	193.1	200	214	351
	230-3-60	36.0	50.4	27.9	179	4.7	9.4	5.0	8.7	None	—	—	—	111.1	125	117	350	119.8	150	127	359
										2EH04502525	23.0	1	57.7	111.1	125	117	350	119.8	150	127	359
										2EH04505025	45.9	2	115.2	168.3	175	155	350	179.1	200	165	359
										2EH04507525	68.9	2	172.9	197.2	225	221	350	208.0	225	231	359
	460-3-60	17.5	24.5	12.2	103	2.3	4.7	2.2	4.3	None	—	—	—	52.4	60	55	187	56.7	70	60	191
										2EH04502546	23.0	1	28.8	52.4	60	55	187	56.7	70	60	191
										2EH04505046	45.9	2	57.6	83.4	90	77	187	88.8	90	82	191
										2EH04507546	68.9	2	86.4	97.8	110	110	187	103.2	110	115	191
	575-3-60	14.0	26	9.9	78	1.9	4.3	1.5	3.5	None	—	—	—	42.3	50	45	158	45.8	50	49	162
										2EH04502558	23.0	1	23.0	42.3	50	45	158	45.8	50	49	162
										2EH04505058	45.9	2	46.0	66.6	70	61	158	71.0	80	65	162
										2EH04507558	68.9	2	69.1	78.2	90	88	158	82.6	90	92	162

Table 97: AW13 to AW23 VFD customer supplied standard static with on/off power exhaust

Size (ton)	Nominal unit voltage	Comp. 1		Comp. 2		OD fan motors each FLA	Supply blower motor FLA	Pwr exh motor FLA	120 V trans FLA	Electric heat option field installed kit				MCA A	Max f/b size A	Min disconnect rating		MCA with 120 V trans A	Max f/b size with 120 V trans A	Min disconnect rating/120 V trans	
		RLA	LRA	RLA	LRA					Model	kW	Stages	A			FLA	LRA			FLA	LRA
20 (20)	208-3-60	44.0	80	29.6	207.5	4.7	13.5	5.0	9.6	None	—	—	—	126.9	150	133	430	136.5	175	144	440
										2EH04502525	18.8	1	52.1	126.9	150	133	430	136.5	175	144	440
										2EH04505025	37.6	2	104.3	159.8	175	147	430	171.8	175	158	440
										2EH04507525	56.3	2	156.2	185.6	200	207	430	197.6	200	218	440
	230-3-60	44.0	80	29.6	207.5	4.7	13.4	5.0	8.7	None	—	—	—	126.8	150	133	429	135.5	175	143	438
										2EH04502525	23.0	1	57.7	126.8	150	133	429	135.5	175	143	438
										2EH04505025	45.9	2	115.2	173.3	175	159	429	184.1	200	169	438
										2EH04507525	68.9	2	172.9	202.2	225	226	429	213.0	225	236	438
	460-3-60	21.0	60	13.9	100.2	2.3	6.7	2.2	4.3	None	—	—	—	60.5	80	63	230	64.8	80	68	235
										2EH04502546	23.0	1	28.8	60.5	80	63	230	64.8	80	68	235
										2EH04505046	45.9	2	57.6	85.9	90	79	230	91.3	100	84	235
										2EH04507546	68.9	2	86.4	100.3	110	112	230	105.7	110	117	235
	575-3-60	18.0	37.6	10.1	78	1.9	5.4	1.5	3.5	None	—	—	—	48.6	60	51	170	52.1	70	55	173
										2EH04502558	23.0	1	23.0	48.6	60	51	170	52.1	70	55	173
										2EH04505058	45.9	2	46.0	68.0	70	63	170	72.4	80	67	173
										2EH04507558	68.9	2	69.1	79.6	90	89	170	84.0	90	93	173
23 (23)	208-3-60	58.0	80	30.1	255	4.7	13.5	5.0	9.6	None	—	—	—	144.9	200	150	478	154.5	200	161	487
										2EH04502525	18.8	1	52.1	144.9	200	150	478	154.5	200	161	487
										2EH04505025	37.6	2	104.3	159.8	200	150	478	171.8	200	161	487
										2EH04507525	56.3	2	156.2	185.6	200	207	478	197.6	200	218	487
	230-3-60	58.0	80	30.1	255	4.7	13.4	5.0	8.7	None	—	—	—	144.8	200	150	477	153.5	200	160	486
										2EH04502525	23.0	1	57.7	144.8	200	150	477	153.5	200	160	486
										2EH04505025	45.9	2	115.2	173.3	200	159	477	184.1	200	169	486
										2EH04507525	68.9	2	172.9	202.2	225	226	477	213.0	225	236	486
	460-3-60	29.0	60	13.0	123	2.3	6.7	2.2	4.3	None	—	—	—	69.6	90	72	253	73.9	100	77	258
										2EH04502546	23.0	1	28.8	69.6	90	72	253	73.9	100	77	258
										2EH04505046	45.9	2	57.6	85.9	90	79	253	91.3	100	84	258
										2EH04507546	68.9	2	86.4	100.3	110	112	253	105.7	110	117	258
	575-3-60	23.0	37.6	11.0	93.7	1.9	5.4	1.5	3.5	None	—	—	—	55.8	70	58	185	59.3	80	62	189
										2EH04502558	23.0	1	23.0	55.8	70	58	185	59.3	80	62	189
										2EH04505058	45.9	2	46.0	68.0	70	63	185	72.4	80	67	189
										2EH04507558	68.9	2	69.1	79.6	90	89	185	84.0	90	93	189

Table 98: AW13 to AW23 VFD customer supplied standard static with modulating power exhaust

Size (ton)	Nominal unit voltage	Comp. 1		Comp. 2		OD fan motors each FLA	Supply blower motor FLA	Pwr exh motor FLA	120 V trans FLA	Electric heat option field installed kit				MCA A	Max f/b size A	Min disconnect rating		MCA with 120 V trans A	Max f/b size with 120 V trans A	Min disconnect rating/120 V trans	
		RLA	LRA	RLA	LRA					Model	kW	Stages	A			FLA	LRA			FLA	LRA
13 (12.5)	208-3-60	27.0	50.4	20.3	167	4.7	8.9	6.7	9.6	None	—	—	—	85.8	110	91	302	95.4	110	102	312
										2EH04522525	18.8	1	52.1	93.0	110	91	302	105.0	110	102	312
										2EH04525025	37.6	2	104.3	158.3	175	146	302	170.3	175	157	312
	230-3-60	27.0	50.4	20.3	167	4.7	8.2	6.7	8.7	None	—	—	—	85.1	110	90	309	93.8	110	100	318
										2EH04522525	23.0	1	57.7	99.1	110	91	309	110.0	110	101	318
										2EH04525025	45.9	2	115.2	171.0	175	157	309	181.9	200	167	318
	460-3-60	14.0	24.5	9.9	69	2.3	4.1	3.4	4.3	None	—	—	—	42.9	50	45	140	47.2	60	50	144
										2EH04522546	23.0	1	28.8	49.6	50	46	140	55.0	60	51	144
										2EH04525046	45.9	2	57.6	85.6	90	79	140	91.0	100	84	144
	575-3-60	11.0	26	7.6	55	1.9	3.2	2.7	3.5	None	—	—	—	33.8	40	36	116	37.3	45	40	120
										2EH04522558	23.0	1	23.0	39.5	40	36	116	43.9	45	40	120
										2EH04525058	45.9	2	46.0	68.3	70	63	116	72.6	80	67	120
15 (15)	208-3-60	30.0	50.4	26.9	164	4.7	8.9	6.7	9.6	None	—	—	—	96.1	125	102	299	105.7	125	113	309
										2EH04502525	18.8	1	52.1	96.1	125	102	299	105.7	125	113	309
										2EH04505025	37.6	2	104.3	158.3	175	146	299	170.3	175	157	309
										2EH04507525	56.3	2	156.2	184.1	200	205	299	196.1	200	216	309
	230-3-60	30.0	50.4	26.9	164	4.7	8.2	6.7	8.7	None	—	—	—	95.4	125	101	306	104.1	125	111	315
										2EH04502525	23.0	1	57.7	99.1	125	101	306	110.0	125	111	315
										2EH04505025	45.9	2	115.2	171.0	175	157	306	181.9	200	167	315
										2EH04507525	68.9	2	172.9	199.9	225	224	306	210.8	225	234	315
	460-3-60	15.0	24.5	12.0	94	2.3	4.1	3.4	4.3	None	—	—	—	46.3	60	49	165	50.6	60	54	169
										2EH04502546	23.0	1	28.8	49.6	60	49	165	55.0	60	54	169
										2EH04505046	45.9	2	57.6	85.6	90	79	165	91.0	100	84	169
										2EH04507546	68.9	2	86.4	100.0	110	112	165	105.4	110	117	169
	575-3-60	12.0	26	9.0	65	1.9	3.2	2.7	3.5	None	—	—	—	36.4	45	38	126	39.9	50	42	130
										2EH04502558	23.0	1	23.0	39.5	45	38	126	43.9	50	42	130
										2EH04505058	45.9	2	46.0	68.3	70	63	126	72.6	80	67	130
										2EH04507558	68.9	2	69.1	79.9	90	89	126	84.2	90	93	130
18 (17.5)	208-3-60	36.0	50.4	27.9	179	4.7	9.9	6.7	9.6	None	—	—	—	115.0	150	122	334	124.6	150	133	344
										2EH04502525	18.8	1	52.1	115.0	150	122	334	124.6	150	133	344
										2EH04505025	37.6	2	104.3	159.5	175	147	334	171.5	175	158	344
										2EH04507525	56.3	2	156.2	185.3	200	206	334	197.3	200	217	344
	230-3-60	36.0	50.4	27.9	179	4.7	9.4	6.7	8.7	None	—	—	—	114.5	150	121	342	123.2	150	131	351
										2EH04502525	23.0	1	57.7	114.5	150	121	342	123.2	150	131	351
										2EH04505025	45.9	2	115.2	172.5	175	159	342	183.4	200	169	351
										2EH04507525	68.9	2	172.9	201.4	225	225	342	212.3	225	235	351
	460-3-60	17.5	24.5	12.2	103	2.3	4.7	3.4	4.3	None	—	—	—	54.8	70	58	185	59.1	70	63	189
										2EH04502546	23.0	1	28.8	54.8	70	58	185	59.1	70	63	189
										2EH04505046	45.9	2	57.6	86.4	90	79	185	91.8	100	84	189
										2EH04507546	68.9	2	86.4	100.8	110	113	185	106.2	110	118	189
	575-3-60	14.0	26	9.9	78	1.9	4.3	2.7	3.5	None	—	—	—	44.7	50	47	157	48.2	60	51	161
										2EH04502558	23.0	1	23.0	44.7	50	47	157	48.2	60	51	161
										2EH04505058	45.9	2	46.0	69.6	70	64	157	74.0	80	68	161
										2EH04507558	68.9	2	69.1	81.2	90	91	157	85.6	90	95	161

Table 98: AW13 to AW23 VFD customer supplied standard static with modulating power exhaust

Size (ton)	Nominal unit voltage	Comp. 1		Comp. 2		OD fan motors each FLA	Supply blower motor FLA	Pwr exh motor FLA	120 V trans FLA	Electric heat option field installed kit				MCA A	Max f/b size A	Min disconnect rating		MCA with 120 V trans A	Max f/b size with 120 V trans A	Min disconnect rating/120 V trans	
		RLA	LRA	RLA	LRA					Model	kW	Stages	A			FLA	LRA			FLA	LRA
20 (20)	208-3-60	44.0	80	29.6	207.5	4.7	13.5	6.7	9.6	None	—	—	—	130.3	150	137	423	139.9	175	148	432
										2EH04502525	18.8	1	52.1	130.3	150	137	423	139.9	175	148	432
										2EH04505025	37.6	2	104.3	164.0	175	151	423	176.0	200	162	432
										2EH04507525	56.3	2	156.2	189.8	200	211	423	201.8	225	222	432
	230-3-60	44.0	80	29.6	207.5	4.7	13.4	6.7	8.7	None	—	—	—	130.2	150	137	422	138.9	175	147	430
										2EH04502525	23.0	1	57.7	130.2	150	137	422	138.9	175	147	430
										2EH04505025	45.9	2	115.2	177.5	200	163	422	188.4	200	173	430
										2EH04507525	68.9	2	172.9	206.4	225	230	422	217.3	225	240	430
	460-3-60	21.0	60	13.9	100.2	2.3	6.7	3.4	4.3	None	—	—	—	62.9	80	66	228	67.2	80	71	232
										2EH04502546	23.0	1	28.8	62.9	80	66	228	67.2	80	71	232
										2EH04505046	45.9	2	57.6	88.9	90	82	228	94.3	100	87	232
										2EH04507546	68.9	2	86.4	103.3	110	115	228	108.7	110	120	232
	575-3-60	18.0	37.6	10.1	78	1.9	5.4	2.7	3.5	None	—	—	—	51.0	60	53	169	54.5	70	58	172
										2EH04502558	23.0	1	23.0	51.0	60	53	169	54.5	70	58	172
										2EH04505058	45.9	2	46.0	71.0	80	65	169	75.4	80	69	172
										2EH04507558	68.9	2	69.1	82.6	90	92	169	87.0	90	96	172
23 (23)	208-3-60	58.0	80	30.1	255	4.7	13.5	6.7	9.6	None	—	—	—	148.3	200	154	470	157.9	200	165	480
										2EH04502525	18.8	1	52.1	148.3	200	154	470	157.9	200	165	480
										2EH04505025	37.6	2	104.3	164.0	200	154	470	176.0	200	165	480
										2EH04507525	56.3	2	156.2	189.8	200	211	470	201.8	225	222	480
	230-3-60	58.0	80	30.1	255	4.7	13.4	6.7	8.7	None	—	—	—	148.2	200	154	469	156.9	200	164	478
										2EH04502525	23.0	1	57.7	148.2	200	154	469	156.9	200	164	478
										2EH04505025	45.9	2	115.2	177.5	200	163	469	188.4	200	173	478
										2EH04507525	68.9	2	172.9	206.4	225	230	469	217.3	225	240	478
	460-3-60	29.0	60	13.0	123	2.3	6.7	3.4	4.3	None	—	—	—	72.0	100	74	251	76.3	100	79	255
										2EH04502546	23.0	1	28.8	72.0	100	74	251	76.3	100	79	255
										2EH04505046	45.9	2	57.6	88.9	100	82	251	94.3	100	87	255
										2EH04507546	68.9	2	86.4	103.3	110	115	251	108.7	110	120	255
	575-3-60	23.0	37.6	11.0	93.7	1.9	5.4	2.7	3.5	None	—	—	—	58.2	80	60	184	61.7	80	64	188
										2EH04502558	23.0	1	23.0	58.2	80	60	184	61.7	80	64	188
										2EH04505058	45.9	2	46.0	71.0	80	65	184	75.4	80	69	188
										2EH04507558	68.9	2	69.1	82.6	90	92	184	87.0	90	96	188

Customer supplied medium static

Table 99: AW13 to AW23 VFD customer supplied medium static without power exhaust

Size (ton)	Nominal unit voltage	Comp. 1		Comp. 2		OD fan motors each FLA	Supply blower motor FLA	120 V trans FLA	Electric heat option field installed kit				MCA A	Max f/b size A	Min disconnect rating		MCA with 120 V trans A	Max f/b size with 120 V trans A	Min disconnect rating/120 V trans	
		RLA	LRA	RLA	LRA				Model	kW	Stages	A			FLA	LRA			FLA	LRA
13 (12.5)	208-3-60	27.0	50.4	20.3	167	4.7	9.9	9.6	None	—	—	—	73.4	100	77	299	83.0	110	88	309
									2EH04522525	18.8	1	52.1	77.5	100	77	299	89.5	110	88	309
									2EH04525025	37.6	2	104.3	142.8	150	131	299	154.8	175	142	309
	230-3-60	27.0	50.4	20.3	167	4.7	9.4	8.7	None	—	—	—	72.9	90	76	307	81.6	100	86	316
									2EH04522525	23.0	1	57.7	83.9	90	77	307	94.8	100	87	316
									2EH04525025	45.9	2	115.2	155.8	175	143	307	166.6	175	153	316
	460-3-60	14.0	24.5	9.9	69	2.3	4.7	4.3	None	—	—	—	36.7	50	38	139	41.0	50	43	143
									2EH04522546	23.0	1	28.8	41.9	50	39	139	47.3	50	43	143
									2EH04525046	45.9	2	57.6	77.9	80	72	139	83.3	90	77	143
	575-3-60	11.0	26	7.6	55	1.9	4.3	3.5	None	—	—	—	29.5	40	31	125	33.0	40	35	128
									2EH04522558	23.0	1	23.0	34.1	40	31	125	38.5	40	35	128
									2EH04525058	45.9	2	46.0	62.9	70	58	125	67.3	70	62	128
15 (15)	208-3-60	30.0	50.4	26.9	164	4.7	9.9	9.6	None	—	—	—	83.7	110	88	296	93.3	110	99	306
									2EH04502525	18.8	1	52.1	83.7	110	88	296	93.3	110	99	306
									2EH04505025	37.6	2	104.3	142.8	150	131	296	154.8	175	142	306
									2EH04507525	56.3	2	156.2	168.6	200	191	296	180.6	200	202	306
	230-3-60	30.0	50.4	26.9	164	4.7	9.4	8.7	None	—	—	—	83.2	110	87	304	91.9	110	97	313
									2EH04502525	23.0	1	57.7	83.9	110	87	304	94.8	110	97	313
									2EH04505025	45.9	2	115.2	155.8	175	143	304	166.6	175	153	313
									2EH04507525	68.9	2	172.9	184.7	200	210	304	195.5	225	220	313
	460-3-60	15.0	24.5	12.0	94	2.3	4.7	4.3	None	—	—	—	40.1	50	42	164	44.4	50	47	168
									2EH04502546	23.0	1	28.8	41.9	50	42	164	47.3	50	47	168
									2EH04505046	45.9	2	57.6	77.9	80	72	164	83.3	90	77	168
									2EH04507546	68.9	2	86.4	92.3	100	105	164	97.7	110	110	168
	575-3-60	12.0	26	9.0	65	1.9	4.3	3.5	None	—	—	—	32.1	40	33	135	35.6	45	37	138
									2EH04502558	23.0	1	23.0	34.1	40	33	135	38.5	45	37	138
									2EH04505058	45.9	2	46.0	62.9	70	58	135	67.3	70	62	138
									2EH04507558	68.9	2	69.1	74.5	80	84	135	78.9	90	88	138
18 (17.5)	208-3-60	36.0	50.4	27.9	179	4.7	13.5	9.6	None	—	—	—	105.2	125	111	351	114.8	150	122	361
									2EH04502525	18.8	1	52.1	105.2	125	111	351	114.8	150	122	361
									2EH04505025	37.6	2	104.3	147.3	150	135	351	159.3	175	147	361
									2EH04507525	56.3	2	156.2	173.1	200	195	351	185.1	200	206	361
	230-3-60	36.0	50.4	27.9	179	4.7	13.4	8.7	None	—	—	—	105.1	125	111	350	113.8	125	121	359
									2EH04502525	23.0	1	57.7	105.1	125	111	350	113.8	125	121	359
									2EH04505025	45.9	2	115.2	160.8	175	148	350	171.6	175	158	359
									2EH04507525	68.9	2	172.9	189.7	225	214	350	200.5	225	224	359
	460-3-60	17.5	24.5	12.2	103	2.3	6.7	4.3	None	—	—	—	50.0	60	52	189	54.3	70	57	193
									2EH04502546	23.0	1	28.8	50.0	60	52	189	54.3	70	57	193
									2EH04505046	45.9	2	57.6	80.4	90	74	189	85.8	90	79	193
									2EH04507546	68.9	2	86.4	94.8	110	107	189	100.2	110	112	193
	575-3-60	14.0	26	9.9	78	1.9	5.4	3.5	None	—	—	—	40.4	50	42	152	43.9	50	46	155
									2EH04502558	23.0	1	23.0	40.4	50	42	152	43.9	50	46	155
									2EH04505058	45.9	2	46.0	64.3	70	59	152	68.6	70	63	155
									2EH04507558	68.9	2	69.1	75.9	90	86	152	80.2	90	90	155

Table 99: AW13 to AW23 VFD customer supplied medium static without power exhaust

Size (ton)	Nominal unit voltage	Comp. 1		Comp. 2		OD fan motors each FLA	Supply blower motor FLA	120 V trans FLA	Electric heat option field installed kit				MCA A	Max f/b size A	Min disconnect rating		MCA with 120 V trans A	Max f/b size with 120 V trans A	Min disconnect rating/120 V trans	
		RLA	LRA	RLA	LRA				Model	kW	Stages	A			FLA	LRA			FLA	LRA
20 (20)	208-3-60	44.0	80	29.6	207.5	4.7	13.5	9.6	None	—	—	—	116.9	150	122	409	126.5	150	133	419
									2EH04502525	18.8	1	52.1	116.9	150	122	409	126.5	150	133	419
									2EH04505025	37.6	2	104.3	147.3	150	135	409	159.3	175	147	419
									2EH04507525	56.3	2	156.2	173.1	200	195	409	185.1	200	206	419
	230-3-60	44.0	80	29.6	207.5	4.7	13.4	8.7	None	—	—	—	116.8	150	122	408	125.5	150	132	417
									2EH04502525	23.0	1	57.7	116.8	150	122	408	125.5	150	132	417
									2EH04505025	45.9	2	115.2	160.8	175	148	408	171.6	175	158	417
									2EH04507525	68.9	2	172.9	189.7	225	214	408	200.5	225	224	417
	460-3-60	21.0	60	13.9	100.2	2.3	6.7	4.3	None	—	—	—	56.1	70	58	221	60.4	80	63	226
									2EH04502546	23.0	1	28.8	56.1	70	58	221	60.4	80	63	226
									2EH04505046	45.9	2	57.6	80.4	90	74	221	85.8	90	79	226
									2EH04507546	68.9	2	86.4	94.8	110	107	221	100.2	110	112	226
	575-3-60	18.0	37.6	10.1	78	1.9	5.4	3.5	None	—	—	—	45.6	60	47	163	49.1	60	51	167
									2EH04502558	23.0	1	23.0	45.6	60	47	163	49.1	60	51	167
									2EH04505058	45.9	2	46.0	64.3	70	59	163	68.6	70	63	167
									2EH04507558	68.9	2	69.1	75.9	90	86	163	80.2	90	90	167
23 (23)	208-3-60	58.0	80	30.1	255	4.7	19.8	9.6	None	—	—	—	141.2	175	146	474	150.8	200	157	483
									2EH04502525	18.8	1	52.1	141.2	175	146	474	150.8	200	157	483
									2EH04505025	37.6	2	104.3	155.1	175	146	474	167.1	200	157	483
									2EH04507525	56.3	2	156.2	181.0	200	202	474	193.0	200	213	483
	230-3-60	58.0	80	30.1	255	4.7	19.8	8.7	None	—	—	—	141.2	175	146	474	149.9	200	156	483
									2EH04502525	23.0	1	57.7	141.2	175	146	474	149.9	200	156	483
									2EH04505025	45.9	2	115.2	168.8	175	155	474	179.6	200	165	483
									2EH04507525	68.9	2	172.9	197.7	225	222	474	208.5	225	232	483
	460-3-60	29.0	60	13.0	123	2.3	9.9	4.3	None	—	—	—	68.4	90	70	253	72.7	100	75	257
									2EH04502546	23.0	1	28.8	68.4	90	70	253	72.7	100	75	257
									2EH04505046	45.9	2	57.6	84.4	90	78	253	89.8	100	83	257
									2EH04507546	68.9	2	86.4	98.8	110	111	253	104.2	110	116	257
	575-3-60	23.0	37.6	11.0	93.7	1.9	7.9	3.5	None	—	—	—	55.3	70	57	190	58.8	80	61	193
									2EH04502558	23.0	1	23.0	55.3	70	57	190	58.8	80	61	193
									2EH04505058	45.9	2	46.0	67.4	70	62	190	71.8	80	66	193
									2EH04507558	68.9	2	69.1	79.0	90	89	190	83.4	90	93	193

Table 100: AW13 to AW23 VFD customer supplied medium static with on/off power exhaust

Size (ton)	Nominal unit voltage	Comp. 1		Comp. 2		OD fan motors each FLA	Supply blower motor FLA	Pwr exh motor FLA	120 V trans FLA	Electric heat option field installed kit				MCA A	Max f/b size A	Min disconnect rating		MCA with 120 V trans A	Max f/b size with 120 V trans A	Min disconnect rating/120 V trans	
		RLA	LRA	RLA	LRA					Model	kW	Stages	A			FLA	LRA			FLA	LRA
13 (12.5)	208-3-60	27.0	50.4	20.3	167	4.7	9.9	5.0	9.6	None	—	—	—	83.4	110	88	320	93.0	110	99	330
										2EH04522525	18.8	1	52.1	90.0	110	88	320	102.0	110	99	330
										2EH04525025	37.6	2	104.3	155.3	175	143	320	167.3	175	154	330
	230-3-60	27.0	50.4	20.3	167	4.7	9.4	5.0	8.7	None	—	—	—	82.9	100	88	328	91.6	110	98	337
										2EH04522525	23.0	1	57.7	96.4	100	89	328	107.3	110	99	337
										2EH04525025	45.9	2	115.2	168.3	175	155	328	179.1	200	165	337
	460-3-60	14.0	24.5	9.9	69	2.3	4.7	2.2	4.3	None	—	—	—	41.1	50	43	148	45.4	50	48	152
										2EH04522546	23.0	1	28.8	47.4	50	44	148	52.8	60	49	152
										2EH04525046	45.9	2	57.6	83.4	90	77	148	88.8	90	82	152
	575-3-60	11.0	26	7.6	55	1.9	4.3	1.5	3.5	None	—	—	—	32.5	40	34	131	36.0	45	38	135
										2EH04522558	23.0	1	23.0	37.9	40	35	131	42.3	45	39	135
										2EH04525058	45.9	2	46.0	66.6	70	61	131	71.0	80	65	135
15 (15)	208-3-60	30.0	50.4	26.9	164	4.7	9.9	5.0	9.6	None	—	—	—	93.7	110	99	317	103.3	125	110	327
										2EH04502525	18.8	1	52.1	93.7	110	99	317	103.3	125	110	327
										2EH04505025	37.6	2	104.3	155.3	175	143	317	167.3	175	154	327
										2EH04507525	56.3	2	156.2	181.1	200	203	317	193.1	200	214	327
	230-3-60	30.0	50.4	26.9	164	4.7	9.4	5.0	8.7	None	—	—	—	93.2	110	99	325	101.9	125	109	334
										2EH04502525	23.0	1	57.7	96.4	110	99	325	107.3	125	109	334
										2EH04505025	45.9	2	115.2	168.3	175	155	325	179.1	200	165	334
										2EH04507525	68.9	2	172.9	197.2	225	221	325	208.0	225	231	334
	460-3-60	15.0	24.5	12.0	94	2.3	4.7	2.2	4.3	None	—	—	—	44.5	50	47	173	48.8	60	52	177
										2EH04502546	23.0	1	28.8	47.4	50	47	173	52.8	60	52	177
										2EH04505046	45.9	2	57.6	83.4	90	77	173	88.8	90	82	177
										2EH04507546	68.9	2	86.4	97.8	110	110	173	103.2	110	115	177
	575-3-60	12.0	26	9.0	65	1.9	4.3	1.5	3.5	None	—	—	—	35.1	45	37	141	38.6	50	41	145
										2EH04502558	23.0	1	23.0	37.9	45	37	141	42.3	50	41	145
										2EH04505058	45.9	2	46.0	66.6	70	61	141	71.0	80	65	145
										2EH04507558	68.9	2	69.1	78.2	90	88	141	82.6	90	92	145
18 (17.5)	208-3-60	36.0	50.4	27.9	179	4.7	13.5	5.0	9.6	None	—	—	—	115.2	150	122	372	124.8	150	133	382
										2EH04502525	18.8	1	52.1	115.2	150	122	372	124.8	150	133	382
										2EH04505025	37.6	2	104.3	159.8	175	147	372	171.8	175	158	382
										2EH04507525	56.3	2	156.2	185.6	200	207	372	197.6	200	218	382
	230-3-60	36.0	50.4	27.9	179	4.7	13.4	5.0	8.7	None	—	—	—	115.1	150	122	371	123.8	150	132	380
										2EH04502525	23.0	1	57.7	115.1	150	122	371	123.8	150	132	380
										2EH04505025	45.9	2	115.2	173.3	175	159	371	184.1	200	169	380
										2EH04507525	68.9	2	172.9	202.2	225	226	371	213.0	225	236	380
	460-3-60	17.5	24.5	12.2	103	2.3	6.7	2.2	4.3	None	—	—	—	54.4	70	58	198	58.7	70	62	202
										2EH04502546	23.0	1	28.8	54.4	70	58	198	58.7	70	62	202
										2EH04505046	45.9	2	57.6	85.9	90	79	198	91.3	100	84	202
										2EH04507546	68.9	2	86.4	100.3	110	112	198	105.7	110	117	202
	575-3-60	14.0	26	9.9	78	1.9	5.4	1.5	3.5	None	—	—	—	43.4	50	46	158	46.9	60	50	162
										2EH04502558	23.0	1	23.0	43.4	50	46	158	46.9	60	50	162
										2EH04505058	45.9	2	46.0	68.0	70	63	158	72.4	80	67	162
										2EH04507558	68.9	2	69.1	79.6	90	89	158	84.0	90	93	162

Table 100: AW13 to AW23 VFD customer supplied medium static with on/off power exhaust

Size (ton)	Nominal unit voltage	Comp. 1		Comp. 2		OD fan motors each FLA	Supply blower motor FLA	Pwr exh motor FLA	120 V trans FLA	Electric heat option field installed kit				MCA A	Max f/b size A	Min disconnect rating		MCA with 120 V trans A	Max f/b size with 120 V trans A	Min disconnect rating/120 V trans	
		RLA	LRA	RLA	LRA					Model	kW	Stages	A			FLA	LRA			FLA	LRA
20 (20)	208-3-60	44.0	80	29.6	207.5	4.7	13.5	5.0	9.6	None	—	—	—	126.9	150	133	430	136.5	175	144	440
										2EH04502525	18.8	1	52.1	126.9	150	133	430	136.5	175	144	440
										2EH04505025	37.6	2	104.3	159.8	175	147	430	171.8	175	158	440
										2EH04507525	56.3	2	156.2	185.6	200	207	430	197.6	200	218	440
	230-3-60	44.0	80	29.6	207.5	4.7	13.4	5.0	8.7	None	—	—	—	126.8	150	133	429	135.5	175	143	438
										2EH04502525	23.0	1	57.7	126.8	150	133	429	135.5	175	143	438
										2EH04505025	45.9	2	115.2	173.3	175	159	429	184.1	200	169	438
										2EH04507525	68.9	2	172.9	202.2	225	226	429	213.0	225	236	438
	460-3-60	21.0	60	13.9	100.2	2.3	6.7	2.2	4.3	None	—	—	—	60.5	80	63	230	64.8	80	68	235
										2EH04502546	23.0	1	28.8	60.5	80	63	230	64.8	80	68	235
										2EH04505046	45.9	2	57.6	85.9	90	79	230	91.3	100	84	235
										2EH04507546	68.9	2	86.4	100.3	110	112	230	105.7	110	117	235
	575-3-60	18.0	37.6	10.1	78	1.9	5.4	1.5	3.5	None	—	—	—	48.6	60	51	170	52.1	70	55	173
										2EH04502558	23.0	1	23.0	48.6	60	51	170	52.1	70	55	173
										2EH04505058	45.9	2	46.0	68.0	70	63	170	72.4	80	67	173
										2EH04507558	68.9	2	69.1	79.6	90	89	170	84.0	90	93	173
23 (23)	208-3-60	58.0	80	30.1	255	4.7	19.8	5.0	9.6	None	—	—	—	151.2	200	157	495	160.8	200	168	504
										2EH04502525	18.8	1	52.1	151.2	200	157	495	160.8	200	168	504
										2EH04505025	37.6	2	104.3	167.6	200	157	495	179.6	200	168	504
										2EH04507525	56.3	2	156.2	193.5	200	214	495	205.5	225	225	504
	230-3-60	58.0	80	30.1	255	4.7	19.8	5.0	8.7	None	—	—	—	151.2	200	157	495	159.9	200	167	504
										2EH04502525	23.0	1	57.7	151.2	200	157	495	159.9	200	167	504
										2EH04505025	45.9	2	115.2	181.3	200	167	495	192.1	200	177	504
										2EH04507525	68.9	2	172.9	210.2	225	233	495	221.0	225	243	504
	460-3-60	29.0	60	13.0	123	2.3	9.9	2.2	4.3	None	—	—	—	72.8	100	75	262	77.1	100	80	267
										2EH04502546	23.0	1	28.8	72.8	100	75	262	77.1	100	80	267
										2EH04505046	45.9	2	57.6	89.9	100	83	262	95.3	100	88	267
										2EH04507546	68.9	2	86.4	104.3	110	116	262	109.7	110	121	267
	575-3-60	23.0	37.6	11.0	93.7	1.9	7.9	1.5	3.5	None	—	—	—	58.3	80	60	196	61.8	80	64	200
										2EH04502558	23.0	1	23.0	58.3	80	60	196	61.8	80	64	200
										2EH04505058	45.9	2	46.0	71.1	80	65	196	75.5	80	69	200
										2EH04507558	68.9	2	69.1	82.7	90	92	196	87.1	90	96	200

Table 101: AW13 to AW23 VFD customer supplied medium static with modulating power exhaust

Size (ton)	Nominal unit voltage	Comp. 1		Comp. 2		OD fan motors each FLA	Supply blower motor FLA	Pwr exh motor FLA	120 V trans FLA	Electric heat option field installed kit				MCA A	Max f/b size A	Min disconnect rating		MCA with 120 V trans A	Max f/b size with 120 V trans A	Min disconnect rating/120 V trans	
		RLA	LRA	RLA	LRA					Model	kW	Stages	A			FLA	LRA			FLA	LRA
13 (12.5)	208-3-60	27.0	50.4	20.3	167	4.7	9.9	6.7	9.6	None	—	—	—	86.8	110	92	313	96.4	110	103	322
										2EH04522525	18.8	1	52.1	94.3	110	92	313	106.3	110	103	322
										2EH04525025	37.6	2	104.3	159.5	175	147	313	171.5	175	158	322
	230-3-60	27.0	50.4	20.3	167	4.7	9.4	6.7	8.7	None	—	—	—	86.3	110	91	321	95.0	110	101	330
										2EH04522525	23.0	1	57.7	100.6	110	93	321	111.5	125	103	330
										2EH04525025	45.9	2	115.2	172.5	175	159	321	183.4	200	169	330
	460-3-60	14.0	24.5	9.9	69	2.3	4.7	3.4	4.3	None	—	—	—	43.5	50	46	146	47.8	60	51	150
										2EH04522546	23.0	1	28.8	50.4	60	46	146	55.8	60	51	150
										2EH04525046	45.9	2	57.6	86.4	90	79	146	91.8	100	84	150
	575-3-60	11.0	26	7.6	55	1.9	4.3	2.7	3.5	None	—	—	—	34.9	45	37	130	38.4	45	41	134
										2EH04522558	23.0	1	23.0	40.9	45	38	130	45.3	50	42	134
										2EH04525058	45.9	2	46.0	69.6	70	64	130	74.0	80	68	134
15 (15)	208-3-60	30.0	50.4	26.9	164	4.7	9.9	6.7	9.6	None	—	—	—	97.1	125	103	310	106.7	125	114	319
										2EH04502525	18.8	1	52.1	97.1	125	103	310	106.7	125	114	319
										2EH04505025	37.6	2	104.3	159.5	175	147	310	171.5	175	158	319
										2EH04507525	56.3	2	156.2	185.3	200	206	310	197.3	200	217	319
	230-3-60	30.0	50.4	26.9	164	4.7	9.4	6.7	8.7	None	—	—	—	96.6	125	102	318	105.3	125	112	327
										2EH04502525	23.0	1	57.7	100.6	125	102	318	111.5	125	112	327
										2EH04505025	45.9	2	115.2	172.5	175	159	318	183.4	200	169	327
										2EH04507525	68.9	2	172.9	201.4	225	225	318	212.3	225	235	327
	460-3-60	15.0	24.5	12.0	94	2.3	4.7	3.4	4.3	None	—	—	—	46.9	60	50	171	51.2	60	55	175
										2EH04502546	23.0	1	28.8	50.4	60	50	171	55.8	60	55	175
										2EH04505046	45.9	2	57.6	86.4	90	79	171	91.8	100	84	175
										2EH04507546	68.9	2	86.4	100.8	110	113	171	106.2	110	118	175
	575-3-60	12.0	26	9.0	65	1.9	4.3	2.7	3.5	None	—	—	—	37.5	45	40	140	41.0	50	44	144
										2EH04502558	23.0	1	23.0	40.9	45	40	140	45.3	50	44	144
										2EH04505058	45.9	2	46.0	69.6	70	64	140	74.0	80	68	144
										2EH04507558	68.9	2	69.1	81.2	90	91	140	85.6	90	95	144
18 (17.5)	208-3-60	36.0	50.4	27.9	179	4.7	13.5	6.7	9.6	None	—	—	—	118.6	150	126	364	128.2	150	137	374
										2EH04502525	18.8	1	52.1	118.6	150	126	364	128.2	150	137	374
										2EH04505025	37.6	2	104.3	164.0	175	151	364	176.0	200	162	374
										2EH04507525	56.3	2	156.2	189.8	200	211	364	201.8	225	222	374
	230-3-60	36.0	50.4	27.9	179	4.7	13.4	6.7	8.7	None	—	—	—	118.5	150	126	364	127.2	150	136	372
										2EH04502525	23.0	1	57.7	118.5	150	126	364	127.2	150	136	372
										2EH04505025	45.9	2	115.2	177.5	200	163	364	188.4	200	173	372
										2EH04507525	68.9	2	172.9	206.4	225	230	364	217.3	225	240	372
	460-3-60	17.5	24.5	12.2	103	2.3	6.7	3.4	4.3	None	—	—	—	56.8	70	60	195	61.1	70	65	200
										2EH04502546	23.0	1	28.8	56.8	70	60	195	61.1	70	65	200
										2EH04505046	45.9	2	57.6	88.9	90	82	195	94.3	100	87	200
										2EH04507546	68.9	2	86.4	103.3	110	115	195	108.7	110	120	200
	575-3-60	14.0	26	9.9	78	1.9	5.4	2.7	3.5	None	—	—	—	45.8	50	49	157	49.3	60	53	161
										2EH04502558	23.0	1	23.0	45.8	50	49	157	49.3	60	53	161
										2EH04505058	45.9	2	46.0	71.0	80	65	157	75.4	80	69	161
										2EH04507558	68.9	2	69.1	82.6	90	92	157	87.0	90	96	161

Table 101: AW13 to AW23 VFD customer supplied medium static with modulating power exhaust

Size (ton)	Nominal unit voltage	Comp. 1		Comp. 2		OD fan motors each FLA	Supply blower motor FLA	Pwr exh motor FLA	120 V trans FLA	Electric heat option field installed kit				MCA A	Max f/b size A	Min disconnect rating		MCA with 120 V trans A	Max f/b size with 120 V trans A	Min disconnect rating/120 V trans	
		RLA	LRA	RLA	LRA					Model	kW	Stages	A			FLA	LRA			FLA	LRA
20 (20)	208-3-60	44.0	80	29.6	207.5	4.7	13.5	6.7	9.6	None	—	—	—	130.3	150	137	423	139.9	175	148	432
										2EH04502525	18.8	1	52.1	130.3	150	137	423	139.9	175	148	432
										2EH04505025	37.6	2	104.3	164.0	175	151	423	176.0	200	162	432
										2EH04507525	56.3	2	156.2	189.8	200	211	423	201.8	225	222	432
	230-3-60	44.0	80	29.6	207.5	4.7	13.4	6.7	8.7	None	—	—	—	130.2	150	137	422	138.9	175	147	430
										2EH04502525	23.0	1	57.7	130.2	150	137	422	138.9	175	147	430
										2EH04505025	45.9	2	115.2	177.5	200	163	422	188.4	200	173	430
										2EH04507525	68.9	2	172.9	206.4	225	230	422	217.3	225	240	430
	460-3-60	21.0	60	13.9	100.2	2.3	6.7	3.4	4.3	None	—	—	—	62.9	80	66	228	67.2	80	71	232
										2EH04502546	23.0	1	28.8	62.9	80	66	228	67.2	80	71	232
										2EH04505046	45.9	2	57.6	88.9	90	82	228	94.3	100	87	232
										2EH04507546	68.9	2	86.4	103.3	110	115	228	108.7	110	120	232
	575-3-60	18.0	37.6	10.1	78	1.9	5.4	2.7	3.5	None	—	—	—	51.0	60	53	169	54.5	70	58	172
										2EH04502558	23.0	1	23.0	51.0	60	53	169	54.5	70	58	172
										2EH04505058	45.9	2	46.0	71.0	80	65	169	75.4	80	69	172
										2EH04507558	68.9	2	69.1	82.6	90	92	169	87.0	90	96	172
23 (23)	208-3-60	58.0	80	30.1	255	4.7	19.8	6.7	9.6	None	—	—	—	154.6	200	161	487	164.2	200	172	497
										2EH04502525	18.8	1	52.1	154.6	200	161	487	164.2	200	172	497
										2EH04505025	37.6	2	104.3	171.9	200	161	487	183.9	200	172	497
										2EH04507525	56.3	2	156.2	197.7	200	218	487	209.7	225	229	497
	230-3-60	58.0	80	30.1	255	4.7	19.8	6.7	8.7	None	—	—	—	154.6	200	161	487	163.3	200	171	496
										2EH04502525	23.0	1	57.7	154.6	200	161	487	163.3	200	171	496
										2EH04505025	45.9	2	115.2	185.5	200	171	487	196.4	200	181	496
										2EH04507525	68.9	2	172.9	214.4	225	237	487	225.3	250	247	496
	460-3-60	29.0	60	13.0	123	2.3	9.9	3.4	4.3	None	—	—	—	75.2	100	78	260	79.5	100	83	264
										2EH04502546	23.0	1	28.8	75.2	100	78	260	79.5	100	83	264
										2EH04505046	45.9	2	57.6	92.9	100	85	260	98.3	100	90	264
										2EH04507546	68.9	2	86.4	107.3	110	119	260	112.7	125	124	264
	575-3-60	23.0	37.6	11.0	93.7	1.9	7.9	2.7	3.5	None	—	—	—	60.7	80	63	195	64.2	80	67	199
										2EH04502558	23.0	1	23.0	60.7	80	63	195	64.2	80	67	199
										2EH04505058	45.9	2	46.0	74.1	80	68	195	78.5	80	72	199
										2EH04507558	68.9	2	69.1	85.7	90	95	195	90.1	100	99	199

Customer supplied high static

Table 102: AW13 to AW23 VFD customer supplied high static without power exhaust

Size (ton)	Nominal unit voltage	Comp. 1		Comp. 2		OD fan motors each FLA	Supply blower motor FLA	120 V trans FLA	Electric heat option field installed kit				MCA A	Max f/b size A	Min disconnect rating		MCA with 120 V trans A	Max f/b size with 120 V trans A	Min disconnect rating/120 V trans	
		RLA	LRA	RLA	LRA				Model	kW	Stages	A			FLA	LRA			FLA	LRA
13 (12.5)	208-3-60	27.0	50.4	20.3	167	4.7	13.5	9.6	None	—	—	—	77.0	100	81	330	86.6	110	92	339
									2EH04522525	18.8	1	52.1	82.0	100	81	330	94.0	110	92	339
									2EH04525025	37.6	2	104.3	147.3	150	135	330	159.3	175	147	339
	230-3-60	27.0	50.4	20.3	167	4.7	13.4	8.7	None	—	—	—	76.9	100	81	329	85.6	110	91	338
									2EH04522525	23.0	1	57.7	88.9	100	82	329	99.8	110	92	338
									2EH04525025	45.9	2	115.2	160.8	175	148	329	171.6	175	158	338
	460-3-60	14.0	24.5	9.9	69	2.3	6.7	4.3	None	—	—	—	38.7	50	40	150	43.0	50	45	154
									2EH04522546	23.0	1	28.8	44.4	50	41	150	49.8	50	46	154
									2EH04525046	45.9	2	57.6	80.4	90	74	150	85.8	90	79	154
	575-3-60	11.0	26	7.6	55	1.9	5.4	3.5	None	—	—	—	30.6	40	32	125	34.1	45	36	128
									2EH04522558	23.0	1	23.0	35.5	40	33	125	39.9	45	37	128
									2EH04525058	45.9	2	46.0	64.3	70	59	125	68.6	70	63	128
15 (15)	208-3-60	30.0	50.4	26.9	164	4.7	13.5	9.6	None	—	—	—	87.3	110	92	327	96.9	125	103	336
									2EH04502525	18.8	1	52.1	87.3	110	92	327	96.9	125	103	336
									2EH04505025	37.6	2	104.3	147.3	150	135	327	159.3	175	147	336
									2EH04507525	56.3	2	156.2	173.1	200	195	327	185.1	200	206	336
	230-3-60	30.0	50.4	26.9	164	4.7	13.4	8.7	None	—	—	—	87.2	110	92	326	95.9	125	102	335
									2EH04502525	23.0	1	57.7	88.9	110	92	326	99.8	125	102	335
									2EH04505025	45.9	2	115.2	160.8	175	148	326	171.6	175	158	335
									2EH04507525	68.9	2	172.9	189.7	225	214	326	200.5	225	224	335
	460-3-60	15.0	24.5	12.0	94	2.3	6.7	4.3	None	—	—	—	42.1	50	44	175	46.4	60	49	179
									2EH04502546	23.0	1	28.8	44.4	50	44	175	49.8	60	49	179
									2EH04505046	45.9	2	57.6	80.4	90	74	175	85.8	90	79	179
									2EH04507546	68.9	2	86.4	94.8	110	107	175	100.2	110	112	179
	575-3-60	12.0	26	9.0	65	1.9	5.4	3.5	None	—	—	—	33.2	45	35	135	36.7	45	39	138
									2EH04502558	23.0	1	23.0	35.5	45	35	135	39.9	45	39	138
									2EH04505058	45.9	2	46.0	64.3	70	59	135	68.6	70	63	138
									2EH04507558	68.9	2	69.1	75.9	90	86	135	80.2	90	90	138
18 (17.5)	208-3-60	36.0	50.4	27.9	179	4.7	19.8	9.6	None	—	—	—	111.5	125	118	368	121.1	150	129	378
									2EH04502525	18.8	1	52.1	111.5	125	118	368	121.1	150	129	378
									2EH04505025	37.6	2	104.3	155.1	175	143	368	167.1	175	154	378
									2EH04507525	56.3	2	156.2	181.0	200	202	368	193.0	200	213	378
	230-3-60	36.0	50.4	27.9	179	4.7	19.8	8.7	None	—	—	—	111.5	125	118	368	120.2	150	128	377
									2EH04502525	23.0	1	57.7	111.5	125	118	368	120.2	150	128	377
									2EH04505025	45.9	2	115.2	168.8	175	155	368	179.6	200	165	377
									2EH04507525	68.9	2	172.9	197.7	225	222	368	208.5	225	232	377
	460-3-60	17.5	24.5	12.2	103	2.3	9.9	4.3	None	—	—	—	53.2	70	56	198	57.5	70	61	202
									2EH04502546	23.0	1	28.8	53.2	70	56	198	57.5	70	61	202
									2EH04505046	45.9	2	57.6	84.4	90	78	198	89.8	90	83	202
									2EH04507546	68.9	2	86.4	98.8	110	111	198	104.2	110	116	202
	575-3-60	14.0	26	9.9	78	1.9	7.9	3.5	None	—	—	—	42.9	50	45	162	46.4	60	49	166
									2EH04502558	23.0	1	23.0	42.9	50	45	162	46.4	60	49	166
									2EH04505058	45.9	2	46.0	67.4	70	62	162	71.8	80	66	166
									2EH04507558	68.9	2	69.1	79.0	90	89	162	83.4	90	93	166

Table 102: AW13 to AW23 VFD customer supplied high static without power exhaust

Size (ton)	Nominal unit voltage	Comp. 1		Comp. 2		OD fan motors each FLA	Supply blower motor FLA	120 V trans FLA	Electric heat option field installed kit				MCA A	Max f/b size A	Min disconnect rating		MCA with 120 V trans A	Max f/b size with 120 V trans A	Min disconnect rating/120 V trans	
		RLA	LRA	RLA	LRA				Model	kW	Stages	A			FLA	LRA			FLA	LRA
20 (20)	208-3-60	44.0	80	29.6	207.5	4.7	19.8	9.6	None	—	—	—	123.2	150	129	426	132.8	175	140	436
									2EH04502525	18.8	1	52.1	123.2	150	129	426	132.8	175	140	436
									2EH04505025	37.6	2	104.3	155.1	175	143	426	167.1	175	154	436
									2EH04507525	56.3	2	156.2	181.0	200	202	426	193.0	200	213	436
	230-3-60	44.0	80	29.6	207.5	4.7	19.8	8.7	None	—	—	—	123.2	150	129	426	131.9	175	139	435
									2EH04502525	23.0	1	57.7	123.2	150	129	426	131.9	175	139	435
									2EH04505025	45.9	2	115.2	168.8	175	155	426	179.6	200	165	435
									2EH04507525	68.9	2	172.9	197.7	225	222	426	208.5	225	232	435
	460-3-60	21.0	60	13.9	100.2	2.3	9.9	4.3	None	—	—	—	59.3	80	62	230	63.6	80	67	235
									2EH04502546	23.0	1	28.8	59.3	80	62	230	63.6	80	67	235
									2EH04505046	45.9	2	57.6	84.4	90	78	230	89.8	90	83	235
									2EH04507546	68.9	2	86.4	98.8	110	111	230	104.2	110	116	235
	575-3-60	18.0	37.6	10.1	78	1.9	7.9	3.5	None	—	—	—	48.1	60	50	174	51.6	60	54	178
									2EH04502558	23.0	1	23.0	48.1	60	50	174	51.6	60	54	178
									2EH04505058	45.9	2	46.0	67.4	70	62	174	71.8	80	66	178
									2EH04507558	68.9	2	69.1	79.0	90	89	174	83.4	90	93	178
23 (23)	208-3-60	58.0	80	30.1	255	4.7	25.4	9.6	None	—	—	—	146.8	200	152	512	156.4	200	163	521
									2EH04502525	18.8	1	52.1	146.8	200	152	512	156.4	200	163	521
									2EH04505025	37.6	2	104.3	162.1	200	152	512	174.1	200	163	521
									2EH04507525	56.3	2	156.2	188.0	200	209	512	200.0	200	220	521
	230-3-60	58.0	80	30.1	255	4.7	25.4	8.7	None	—	—	—	146.8	200	152	512	155.5	200	162	521
									2EH04502525	23.0	1	57.7	146.8	200	152	512	155.5	200	162	521
									2EH04505025	45.9	2	115.2	175.8	200	162	512	186.6	200	172	521
									2EH04507525	68.9	2	172.9	204.7	225	228	512	215.5	225	238	521
	460-3-60	29.0	60	13.0	123	2.3	12.7	4.3	None	—	—	—	71.2	100	73	272	75.5	100	78	276
									2EH04502546	23.0	1	28.8	71.2	100	73	272	75.5	100	78	276
									2EH04505046	45.9	2	57.6	87.9	100	81	272	93.3	100	86	276
									2EH04507546	68.9	2	86.4	102.3	110	114	272	107.7	110	119	276
	575-3-60	23.0	37.6	11.0	93.7	1.9	10.5	3.5	None	—	—	—	57.9	80	60	220	61.4	80	64	224
									2EH04502558	23.0	1	23.0	57.9	80	60	220	61.4	80	64	224
									2EH04505058	45.9	2	46.0	70.6	80	65	220	75.0	80	69	224
									2EH04507558	68.9	2	69.1	82.2	90	92	220	86.6	90	96	224

Table 103: AW13 to AW23 VFD customer supplied high static with on/off power exhaust

Size (ton)	Nominal unit voltage	Comp. 1		Comp. 2		OD fan motors each FLA	Supply blower motor FLA	Pwr exh motor FLA	120 V trans FLA	Electric heat option field installed kit				MCA A	Max f/b size A	Min disconnect rating		MCA with 120 V trans A	Max f/b size with 120 V trans A	Min disconnect rating/120 V trans	
		RLA	LRA	RLA	LRA					Model	kW	Stages	A			FLA	LRA			FLA	LRA
13 (12.5)	208-3-60	27.0	50.4	20.3	167	4.7	13.5	5.0	9.6	None	—	—	—	87.0	110	92	351	96.6	110	103	360
										2EH04522525	18.8	1	52.1	94.5	110	92	351	106.5	110	103	360
										2EH04525025	37.6	2	104.3	159.8	175	147	351	171.8	175	158	360
	230-3-60	27.0	50.4	20.3	167	4.7	13.4	5.0	8.7	None	—	—	—	86.9	110	92	350	95.6	110	102	359
										2EH04522525	23.0	1	57.7	101.4	110	93	350	112.3	125	103	359
										2EH04525025	45.9	2	115.2	173.3	175	159	350	184.1	200	169	359
	460-3-60	14.0	24.5	9.9	69	2.3	6.7	2.2	4.3	None	—	—	—	43.1	50	46	159	47.4	60	50	163
										2EH04522546	23.0	1	28.8	49.9	50	46	159	55.3	60	51	163
										2EH04525046	45.9	2	57.6	85.9	90	79	159	91.3	100	84	163
	575-3-60	11.0	26	7.6	55	1.9	5.4	1.5	3.5	None	—	—	—	33.6	40	35	131	37.1	45	39	135
										2EH04522558	23.0	1	23.0	39.3	40	36	131	43.6	45	40	135
										2EH04525058	45.9	2	46.0	68.0	70	63	131	72.4	80	67	135
15 (15)	208-3-60	30.0	50.4	26.9	164	4.7	13.5	5.0	9.6	None	—	—	—	97.3	125	103	348	106.9	125	114	357
										2EH04502525	18.8	1	52.1	97.3	125	103	348	106.9	125	114	357
										2EH04505025	37.6	2	104.3	159.8	175	147	348	171.8	175	158	357
										2EH04507525	56.3	2	156.2	185.6	200	207	348	197.6	200	218	357
	230-3-60	30.0	50.4	26.9	164	4.7	13.4	5.0	8.7	None	—	—	—	97.2	125	103	347	105.9	125	113	356
										2EH04502525	23.0	1	57.7	101.4	125	103	347	112.3	125	113	356
										2EH04505025	45.9	2	115.2	173.3	175	159	347	184.1	200	169	356
										2EH04507525	68.9	2	172.9	202.2	225	226	347	213.0	225	236	356
	460-3-60	15.0	24.5	12.0	94	2.3	6.7	2.2	4.3	None	—	—	—	46.5	60	49	184	50.8	60	54	188
										2EH04502546	23.0	1	28.8	49.9	60	49	184	55.3	60	54	188
										2EH04505046	45.9	2	57.6	85.9	90	79	184	91.3	100	84	188
										2EH04507546	68.9	2	86.4	100.3	110	112	184	105.7	110	117	188
	575-3-60	12.0	26	9.0	65	1.9	5.4	1.5	3.5	None	—	—	—	36.2	45	38	141	39.7	50	42	145
										2EH04502558	23.0	1	23.0	39.3	45	38	141	43.6	50	42	145
										2EH04505058	45.9	2	46.0	68.0	70	63	141	72.4	80	67	145
										2EH04507558	68.9	2	69.1	79.6	90	89	141	84.0	90	93	145
18 (17.5)	208-3-60	36.0	50.4	27.9	179	4.7	19.8	5.0	9.6	None	—	—	—	121.5	150	129	389	131.1	150	140	399
										2EH04502525	18.8	1	52.1	121.5	150	129	389	131.1	150	140	399
										2EH04505025	37.6	2	104.3	167.6	175	154	389	179.6	200	165	399
										2EH04507525	56.3	2	156.2	193.5	200	214	389	205.5	225	225	399
	230-3-60	36.0	50.4	27.9	179	4.7	19.8	5.0	8.7	None	—	—	—	121.5	150	129	389	130.2	150	139	398
										2EH04502525	23.0	1	57.7	121.5	150	129	389	130.2	150	139	398
										2EH04505025	45.9	2	115.2	181.3	200	167	389	192.1	200	177	398
										2EH04507525	68.9	2	172.9	210.2	225	233	389	221.0	225	243	398
	460-3-60	17.5	24.5	12.2	103	2.3	9.9	2.2	4.3	None	—	—	—	57.6	70	61	207	61.9	70	66	211
										2EH04502546	23.0	1	28.8	57.6	70	61	207	61.9	70	66	211
										2EH04505046	45.9	2	57.6	89.9	90	83	207	95.3	100	88	211
										2EH04507546	68.9	2	86.4	104.3	110	116	207	109.7	110	121	211
	575-3-60	14.0	26	9.9	78	1.9	7.9	1.5	3.5	None	—	—	—	45.9	50	49	169	49.4	60	53	172
										2EH04502558	23.0	1	23.0	45.9	50	49	169	49.4	60	53	172
										2EH04505058	45.9	2	46.0	71.1	80	65	169	75.5	80	69	172
										2EH04507558	68.9	2	69.1	82.7	90	92	169	87.1	90	96	172

Table 103: AW13 to AW23 VFD customer supplied high static with on/off power exhaust

Size (ton)	Nominal unit voltage	Comp. 1		Comp. 2		OD fan motors each FLA	Supply blower motor FLA	Pwr exh motor FLA	120 V trans FLA	Electric heat option field installed kit				MCA A	Max f/b size A	Min disconnect rating		MCA with 120 V trans A	Max f/b size with 120 V trans A	Min disconnect rating/120 V trans	
		RLA	LRA	RLA	LRA					Model	kW	Stages	A			FLA	LRA			FLA	LRA
20 (20)	208-3-60	44.0	80	29.6	207.5	4.7	19.8	5.0	9.6	None	—	—	—	133.2	175	141	447	142.8	175	152	457
										2EH04502525	18.8	1	52.1	133.2	175	141	447	142.8	175	152	457
										2EH04505025	37.6	2	104.3	167.6	175	154	447	179.6	200	165	457
										2EH04507525	56.3	2	156.2	193.5	200	214	447	205.5	225	225	457
	230-3-60	44.0	80	29.6	207.5	4.7	19.8	5.0	8.7	None	—	—	—	133.2	175	141	447	141.9	175	151	456
										2EH04502525	23.0	1	57.7	133.2	175	141	447	141.9	175	151	456
										2EH04505025	45.9	2	115.2	181.3	200	167	447	192.1	200	177	456
										2EH04507525	68.9	2	172.9	210.2	225	233	447	221.0	225	243	456
	460-3-60	21.0	60	13.9	100.2	2.3	9.9	2.2	4.3	None	—	—	—	63.7	80	67	239	68.0	80	72	244
										2EH04502546	23.0	1	28.8	63.7	80	67	239	68.0	80	72	244
										2EH04505046	45.9	2	57.6	89.9	90	83	239	95.3	100	88	244
										2EH04507546	68.9	2	86.4	104.3	110	116	239	109.7	110	121	244
	575-3-60	18.0	37.6	10.1	78	1.9	7.9	1.5	3.5	None	—	—	—	51.1	60	54	180	54.6	70	58	184
										2EH04502558	23.0	1	23.0	51.1	60	54	180	54.6	70	58	184
										2EH04505058	45.9	2	46.0	71.1	80	65	180	75.5	80	69	184
										2EH04507558	68.9	2	69.1	82.7	90	92	180	87.1	90	96	184
23 (23)	208-3-60	58.0	80	30.1	255	4.7	25.4	5.0	9.6	None	—	—	—	156.8	200	164	533	166.4	200	175	542
										2EH04502525	18.8	1	52.1	156.8	200	164	533	166.4	200	175	542
										2EH04505025	37.6	2	104.3	174.6	200	164	533	186.6	200	175	542
										2EH04507525	56.3	2	156.2	200.5	225	220	533	212.5	225	231	542
	230-3-60	58.0	80	30.1	255	4.7	25.4	5.0	8.7	None	—	—	—	156.8	200	164	533	165.5	200	174	542
										2EH04502525	23.0	1	57.7	156.8	200	164	533	165.5	200	174	542
										2EH04505025	45.9	2	115.2	188.3	200	173	533	199.1	200	183	542
										2EH04507525	68.9	2	172.9	217.2	225	240	533	228.0	250	250	542
	460-3-60	29.0	60	13.0	123	2.3	12.7	2.2	4.3	None	—	—	—	75.6	100	79	281	79.9	100	83	286
										2EH04502546	23.0	1	28.8	75.6	100	79	281	79.9	100	83	286
										2EH04505046	45.9	2	57.6	93.4	100	86	281	98.8	100	91	286
										2EH04507546	68.9	2	86.4	107.8	110	119	281	113.2	125	124	286
	575-3-60	23.0	37.6	11.0	93.7	1.9	10.5	1.5	3.5	None	—	—	—	60.9	80	63	227	64.4	80	67	230
										2EH04502558	23.0	1	23.0	60.9	80	63	227	64.4	80	67	230
										2EH04505058	45.9	2	46.0	74.4	80	68	227	78.8	80	72	230
										2EH04507558	68.9	2	69.1	86.0	90	95	227	90.4	100	99	230

Table 104: AW13 to AW23 VFD customer supplied high static with modulating power exhaust

Size (ton)	Nominal unit voltage	Comp. 1		Comp. 2		OD fan motors each FLA	Supply blower motor FLA	Pwr exh motor FLA	120 V trans FLA	Electric heat option field installed kit				MCA A	Max f/b size A	Min disconnect rating		MCA with 120 V trans A	Max f/b size with 120 V trans A	Min disconnect rating/120 V trans	
		RLA	LRA	RLA	LRA					Model	kW	Stages	A			FLA	LRA			FLA	LRA
13 (12.5)	208-3-60	27.0	50.4	20.3	167	4.7	13.5	6.7	9.6	None	—	—	—	90.4	110	96	343	100.0	125	107	353
										2EH04522525	18.8	1	52.1	98.8	110	96	343	110.8	125	107	353
										2EH04525025	37.6	2	104.3	164.0	175	151	343	176.0	200	162	353
	230-3-60	27.0	50.4	20.3	167	4.7	13.4	6.7	8.7	None	—	—	—	90.3	110	96	342	99.0	125	106	351
										2EH04522525	23.0	1	57.7	105.6	110	97	342	116.5	125	107	351
										2EH04525025	45.9	2	115.2	177.5	200	163	342	188.4	200	173	351
	460-3-60	14.0	24.5	9.9	69	2.3	6.7	3.4	4.3	None	—	—	—	45.5	50	48	156	49.8	60	53	161
										2EH04522546	23.0	1	28.8	52.9	60	49	156	58.3	60	54	161
										2EH04525046	45.9	2	57.6	88.9	90	82	156	94.3	100	87	161
	575-3-60	11.0	26	7.6	55	1.9	5.4	2.7	3.5	None	—	—	—	36.0	45	38	130	39.5	50	42	134
										2EH04522558	23.0	1	23.0	42.3	45	39	130	46.6	50	43	134
										2EH04525058	45.9	2	46.0	71.0	80	65	130	75.4	80	69	134
15 (15)	208-3-60	30.0	50.4	26.9	164	4.7	13.5	6.7	9.6	None	—	—	—	100.7	125	107	340	110.3	125	118	350
										2EH04502525	18.8	1	52.1	100.7	125	107	340	110.8	125	118	350
										2EH04505025	37.6	2	104.3	164.0	175	151	340	176.0	200	162	350
										2EH04507525	56.3	2	156.2	189.8	200	211	340	201.8	225	222	350
	230-3-60	30.0	50.4	26.9	164	4.7	13.4	6.7	8.7	None	—	—	—	100.6	125	107	339	109.3	125	117	348
										2EH04502525	23.0	1	57.7	105.6	125	107	339	116.5	125	117	348
										2EH04505025	45.9	2	115.2	177.5	200	163	339	188.4	200	173	348
										2EH04507525	68.9	2	172.9	206.4	225	230	339	217.3	225	240	348
	460-3-60	15.0	24.5	12.0	94	2.3	6.7	3.4	4.3	None	—	—	—	48.9	60	52	181	53.2	60	57	186
										2EH04502546	23.0	1	28.8	52.9	60	52	181	58.3	60	57	186
										2EH04505046	45.9	2	57.6	88.9	90	82	181	94.3	100	87	186
										2EH04507546	68.9	2	86.4	103.3	110	115	181	108.7	110	120	186
	575-3-60	12.0	26	9.0	65	1.9	5.4	2.7	3.5	None	—	—	—	38.6	50	41	140	42.1	50	45	144
										2EH04502558	23.0	1	23.0	42.3	50	41	140	46.6	50	45	144
										2EH04505058	45.9	2	46.0	71.0	80	65	140	75.4	80	69	144
										2EH04507558	68.9	2	69.1	82.6	90	92	140	87.0	90	96	144
18 (17.5)	208-3-60	36.0	50.4	27.9	179	4.7	19.8	6.7	9.6	None	—	—	—	124.9	150	133	382	134.5	150	144	391
										2EH04502525	18.8	1	52.1	124.9	150	133	382	134.5	150	144	391
										2EH04505025	37.6	2	104.3	171.9	175	158	382	183.9	200	169	391
										2EH04507525	56.3	2	156.2	197.7	200	218	382	209.7	225	229	391
	230-3-60	36.0	50.4	27.9	179	4.7	19.8	6.7	8.7	None	—	—	—	124.9	150	133	382	133.6	150	143	390
										2EH04502525	23.0	1	57.7	124.9	150	133	382	133.6	150	143	390
										2EH04505025	45.9	2	115.2	185.5	200	171	382	196.4	200	181	390
										2EH04507525	68.9	2	172.9	214.4	225	237	382	225.3	250	247	390
	460-3-60	17.5	24.5	12.2	103	2.3	9.9	3.4	4.3	None	—	—	—	60.0	70	64	204	64.3	80	69	209
										2EH04502546	23.0	1	28.8	60.0	70	64	204	64.3	80	69	209
										2EH04505046	45.9	2	57.6	92.9	100	85	204	98.3	100	90	209
										2EH04507546	68.9	2	86.4	107.3	110	119	204	112.7	125	124	209
	575-3-60	14.0	26	9.9	78	1.9	7.9	2.7	3.5	None	—	—	—	48.3	60	52	168	51.8	60	56	171
										2EH04502558	23.0	1	23.0	48.3	60	52	168	51.8	60	56	171
										2EH04505058	45.9	2	46.0	74.1	80	68	168	78.5	80	72	171
										2EH04507558	68.9	2	69.1	85.7	90	95	168	90.1	100	99	171

Table 104: AW13 to AW23 VFD customer supplied high static with modulating power exhaust

Size (ton)	Nominal unit voltage	Comp. 1		Comp. 2		OD fan motors each FLA	Supply blower motor FLA	Pwr exh motor FLA	120 V trans FLA	Electric heat option field installed kit				MCA A	Max f/b size A	Min disconnect rating		MCA with 120 V trans A	Max f/b size with 120 V trans A	Min disconnect rating/120 V trans	
		RLA	LRA	RLA	LRA					Model	kW	Stages	A			FLA	LRA			FLA	LRA
20 (20)	208-3-60	44.0	80	29.6	207.5	4.7	19.8	6.7	9.6	None	—	—	—	136.6	175	144	440	146.2	175	155	449
										2EH04502525	18.8	1	52.1	136.6	175	144	440	146.2	175	155	449
										2EH04505025	37.6	2	104.3	171.9	175	158	440	183.9	200	169	449
										2EH04507525	56.3	2	156.2	197.7	200	218	440	209.7	225	229	449
	230-3-60	44.0	80	29.6	207.5	4.7	19.8	6.7	8.7	None	—	—	—	136.6	175	144	440	145.3	175	154	448
										2EH04502525	23.0	1	57.7	136.6	175	144	440	145.3	175	154	448
										2EH04505025	45.9	2	115.2	185.5	200	171	440	196.4	200	181	448
										2EH04507525	68.9	2	172.9	214.4	225	237	440	225.3	250	247	448
	460-3-60	21.0	60	13.9	100.2	2.3	9.9	3.4	4.3	None	—	—	—	66.1	80	70	237	70.4	90	75	241
										2EH04502546	23.0	1	28.8	66.1	80	70	237	70.4	90	75	241
										2EH04505046	45.9	2	57.6	92.9	100	85	237	98.3	100	90	241
										2EH04507546	68.9	2	86.4	107.3	110	119	237	112.7	125	124	241
	575-3-60	18.0	37.6	10.1	78	1.9	7.9	2.7	3.5	None	—	—	—	53.5	70	56	179	57.0	70	60	183
										2EH04502558	23.0	1	23.0	53.5	70	56	179	57.0	70	60	183
										2EH04505058	45.9	2	46.0	74.1	80	68	179	78.5	80	72	183
										2EH04507558	68.9	2	69.1	85.7	90	95	179	90.1	100	99	183
23 (23)	208-3-60	58.0	80	30.1	255	4.7	25.4	6.7	9.6	None	—	—	—	160.2	200	168	525	169.8	225	179	535
										2EH04502525	18.8	1	52.1	160.2	200	168	525	169.8	225	179	535
										2EH04505025	37.6	2	104.3	178.9	200	168	525	190.9	225	179	535
										2EH04507525	56.3	2	156.2	204.7	225	224	525	216.7	225	235	535
	230-3-60	58.0	80	30.1	255	4.7	25.4	6.7	8.7	None	—	—	—	160.2	200	168	525	168.9	225	178	534
										2EH04502525	23.0	1	57.7	160.2	200	168	525	168.9	225	178	534
										2EH04505025	45.9	2	115.2	192.5	200	177	525	203.4	225	187	534
										2EH04507525	68.9	2	172.9	221.4	225	243	525	232.3	250	253	534
	460-3-60	29.0	60	13.0	123	2.3	12.7	3.4	4.3	None	—	—	—	78.0	100	81	279	82.3	110	86	283
										2EH04502546	23.0	1	28.8	78.0	100	81	279	82.3	110	86	283
										2EH04505046	45.9	2	57.6	96.4	100	89	279	101.8	110	94	283
										2EH04507546	68.9	2	86.4	110.8	125	122	279	116.2	125	127	283
	575-3-60	23.0	37.6	11.0	93.7	1.9	10.5	2.7	3.5	None	—	—	—	63.3	80	66	226	66.8	80	70	229
										2EH04502558	23.0	1	23.0	63.3	80	66	226	66.8	80	70	229
										2EH04505058	45.9	2	46.0	77.4	80	71	226	81.8	90	75	229
										2EH04507558	68.9	2	69.1	89.0	90	98	226	93.4	100	102	229

Weights and dimensions

Figure 4: AW13 and AW15 physical dimensions

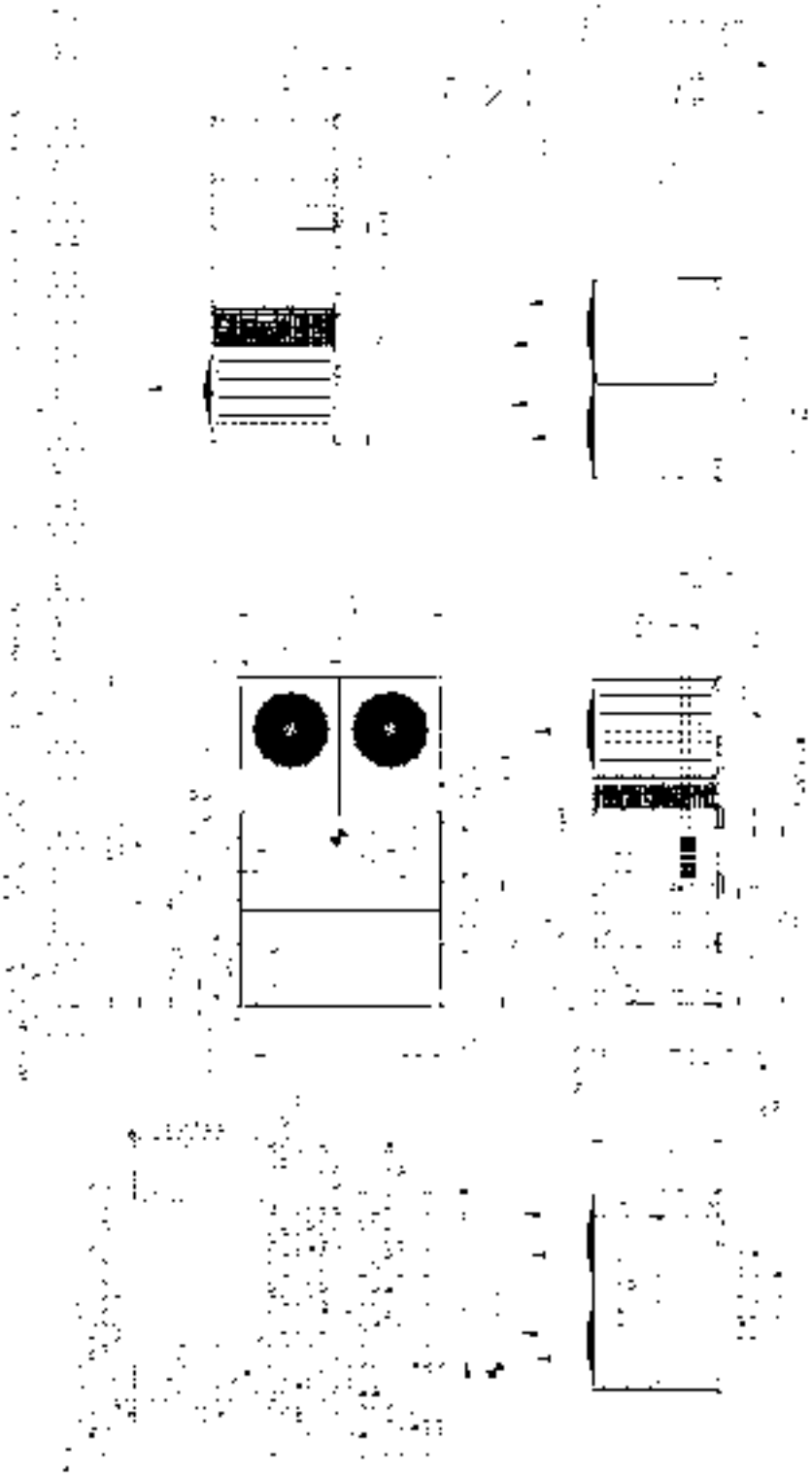
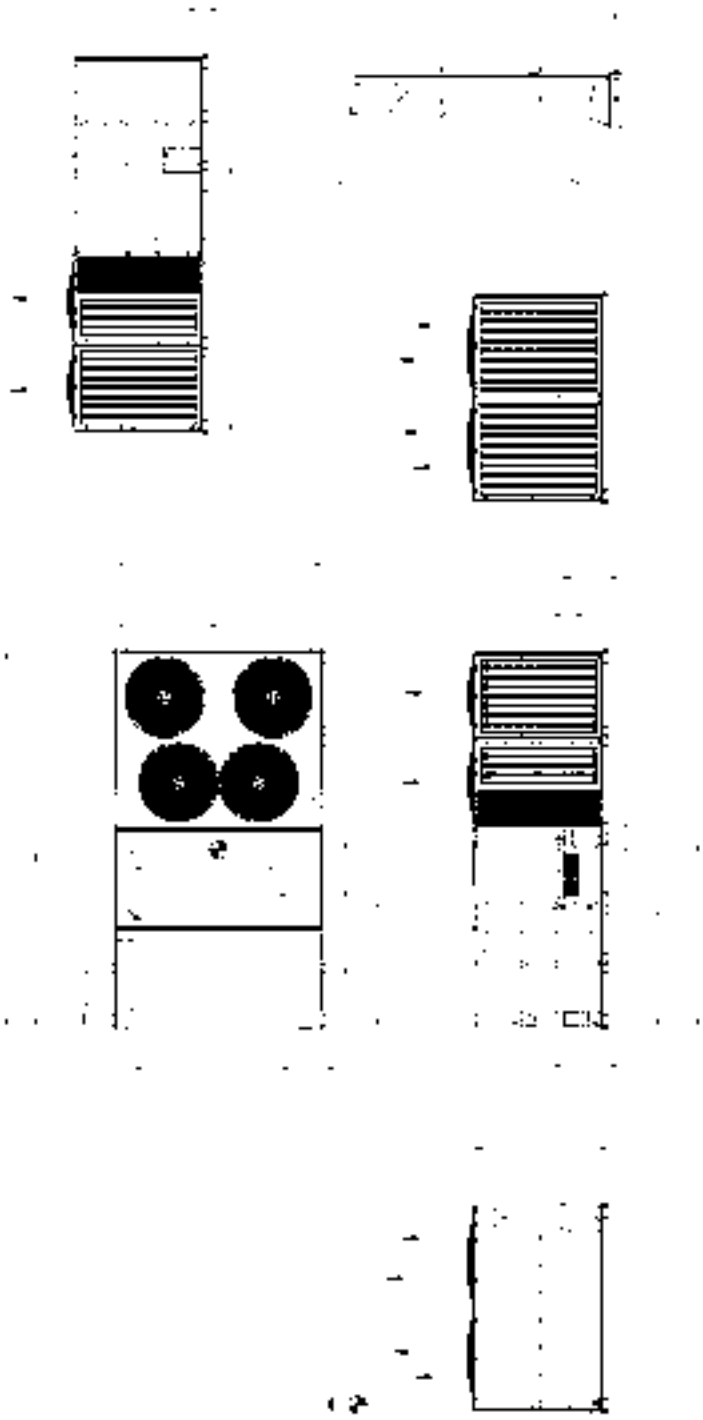
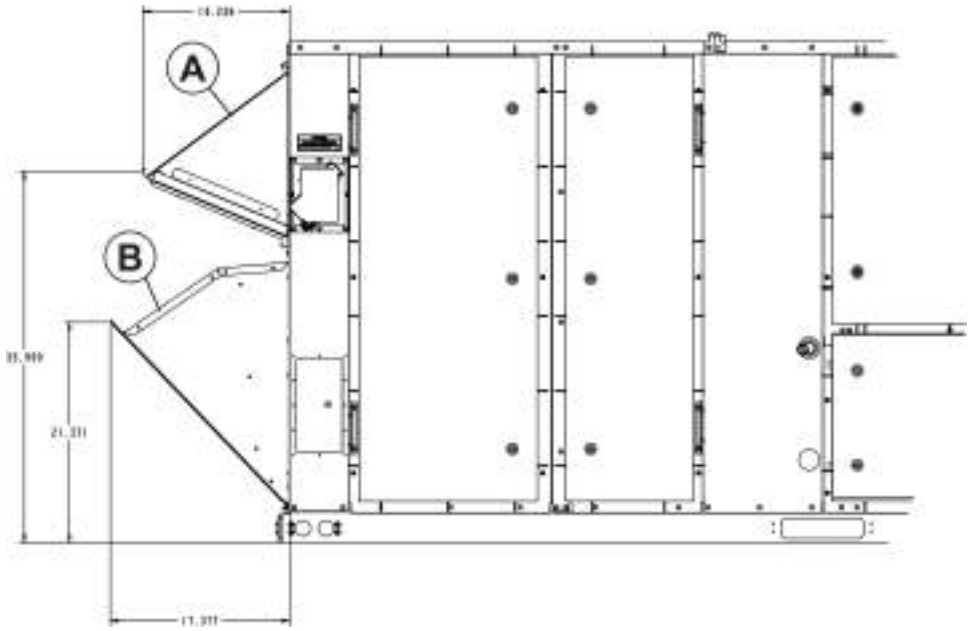


Figure 5: AW18, AW20, and AW23 physical dimensions



Rain hood dimensions

Figure 6: Rain hood dimensions



Item	Description
A	Economizer, manual damper, and motorized damper rain hood
B	Power exhaust rain hood

Utilities entry

ⓘ **Note:** Field-seal all entry holes to prevent rainwater entry into the building.

Table 105: Utilities entry

Entry description		Opening size diameter (in.)
Control wiring	Left	Field drilled[1] to maximum of 7/8 in.
	Bottom	Field drilled[1] to maximum of 7/8 in.
Power wiring	Left	Field drilled[1] to maximum of 3 in.
	Bottom	Field drilled[1] to maximum of 3 in.
Gas piping	Left [2, 3]	2 in. hole with 3/4 in. grommet
	Bottom[2]	1 1/4 in. hole
Condensate drain	Front[4]	1 1/2 in. hole
	Bottom[3, 4]	2 in. hole with 1 1/4 in. grommet

1 Factory provided dimples show the hole location to facilitate the drilling of entry holes.
2 3/4 in. NPT gas piping is required.
3 You must insert the piping through the factory-installed grommet for a watertight seal.
4 1 in. NPT female connection piping is required.

Accessory weights

Unit accessory weights

Table 106: Unit accessory weights

Unit accessory	Unit size	
	12.5 ton and 15 ton	17.5 ton to 23 ton
Economizer	165	165
Motorized damper	75	75
Power exhaust	200	200
Barometric damper	50	50
Electric heat (75 kW)	75	75
Gas heat (largest)	155	155
Hail guards	107	132
Wood skid and shipping brackets	70	80
Roof curb	230	250

Supply fan VFD weights

Table 107: Supply fan VFD weights

Supply Fan Motor	208/230V	460V	575V
2.9 HP	10	10	10
3.7 HP	10	10	10
5.3 HP	10	10	10
7.5 HP	15	15	15
10 HP	20	15	15

ⓘ **Note:** Add 5 lb. to the supply fan VFD weights if there is a bypass.

Roof curbs

The following figures show the roof curbs for the units. All dimensions are in inches.

Return air

Supply air

Figure 7: 1RC0444 and 1RC0447 roof curb dimensions

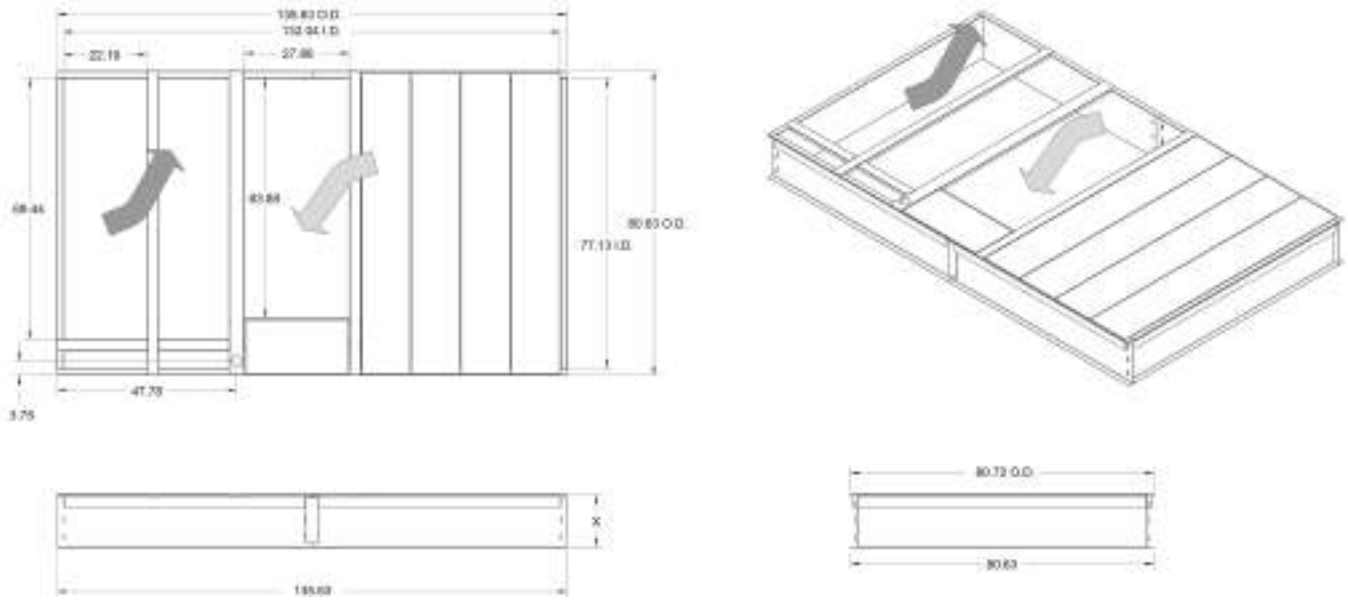


Table 108: 1RC0444 and 1RC0447 dimensions

Roof curb	X measurement (in.)
1RC0444	14
1RC0447	24

The following units are compatible with 1RC0444 and 1RC0447 roof curbs.

- AW13
- AW15

Figure 8: 1RC0445 and 1RC0448 roof curb dimensions

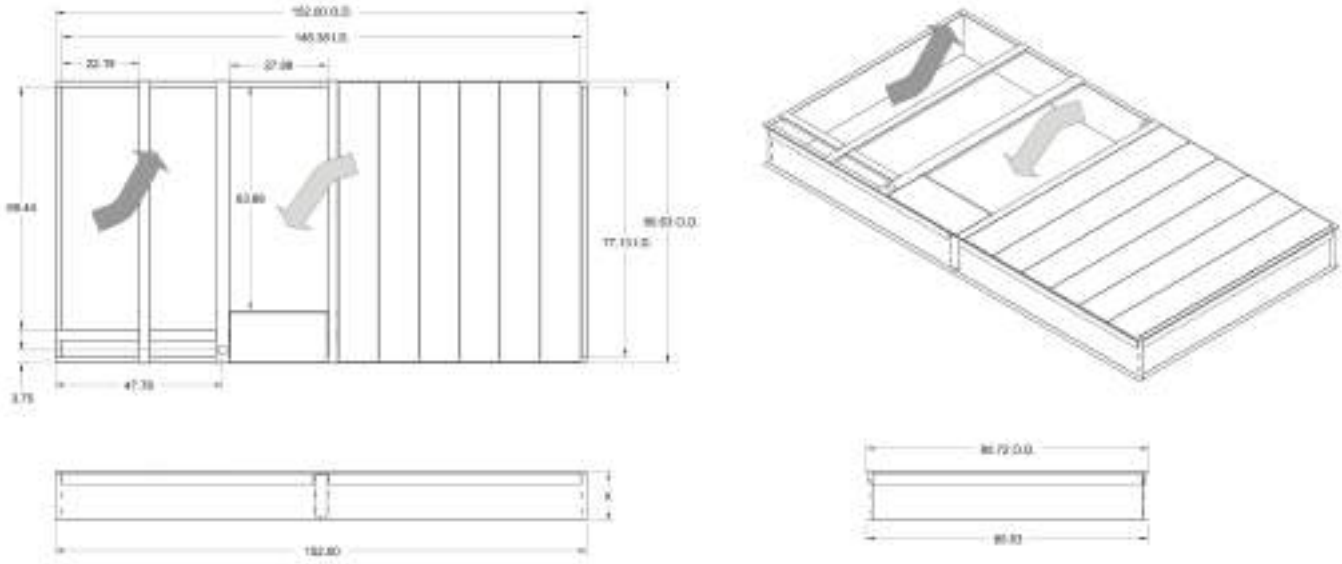


Table 109: 1RC0445 and 1RC0448 dimensions

Roof curb	X measurement (in.)
1RC0445	14
1RC0448	24

The following units are compatible with 1RC0445 and 1RC0448 roof curbs.

- AW18
- AW20
- AW23

Figure 9: Roof curb cutaway

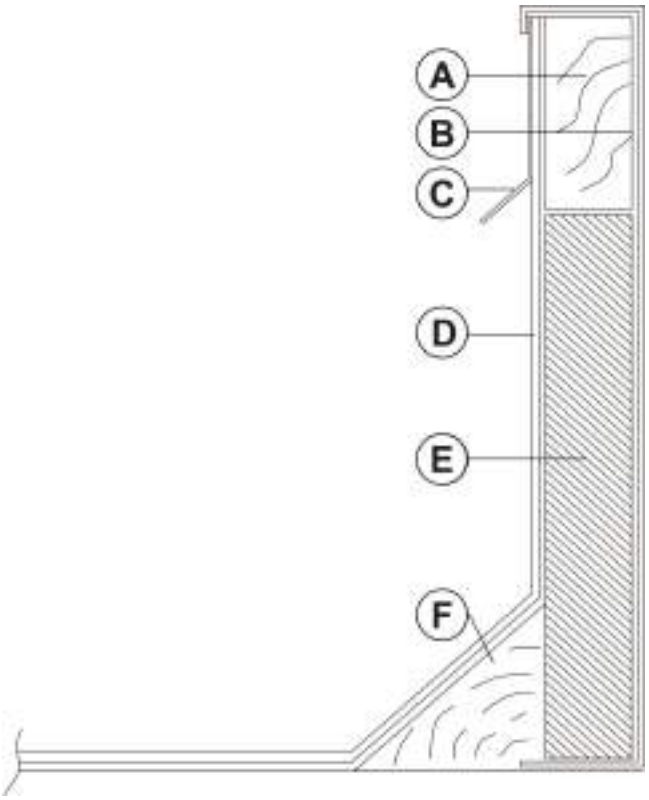


Table 110: Roof curb cutaway components

Item	Description	Item	Description
A	Wood nailer	D	Roof felt (field supplied)
B	Curb frame	E	Rigid insulation (field supplied)
C	Counter flashing (field supplied)	F	Cant strip (field supplied)

Economizer options

Figure 10: Economizer options

Table 111: Economizer components

Item	Description
A	Fresh air hood
B	Power exhaust hood
C	Power exhaust damper
D	Power exhaust
E	Low leak economizer

Typical installation

The following figures show the typical installations for the unit.

Figure 11: Roof jack installation

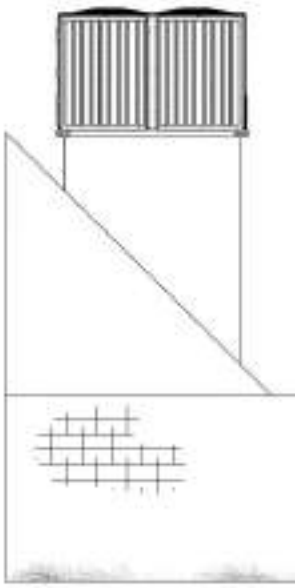
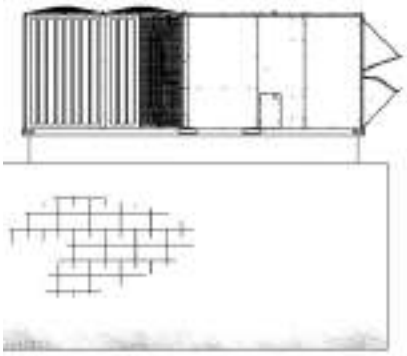


Figure 12: Roof curb installation



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