DAIKIN

NEXIO PLUS

R-32 High-Efficiency Gas/Electric Packaged Rooftop Unit DHG Commercial 7.5 - 12.5 Nominal Tons

Up to 17.5 IEER / 12.5 EER

20 YEAR HEAT EXCHANGER LIMITED WARRANTY*

5 YEAR PARTS LIMITED WARRANTY*

C ETL LISTED US Intertek

AHRI CERTIFIED

ISO 9001 QUALITY MANAGEMENT SYSTEM GLOBAL QUALITY STANDARDS

ISO 14001 CERTIFIED ENVIRONMENTAL MANAGEMENT SYSTEM

R32

*Complete warranty details available from your local distributor or manufacturer's representative or at www.daikincomfort.com

Our Perfect Package:

Harnessing energy-efficient performance, proven technology, and enhanced comfort for life.

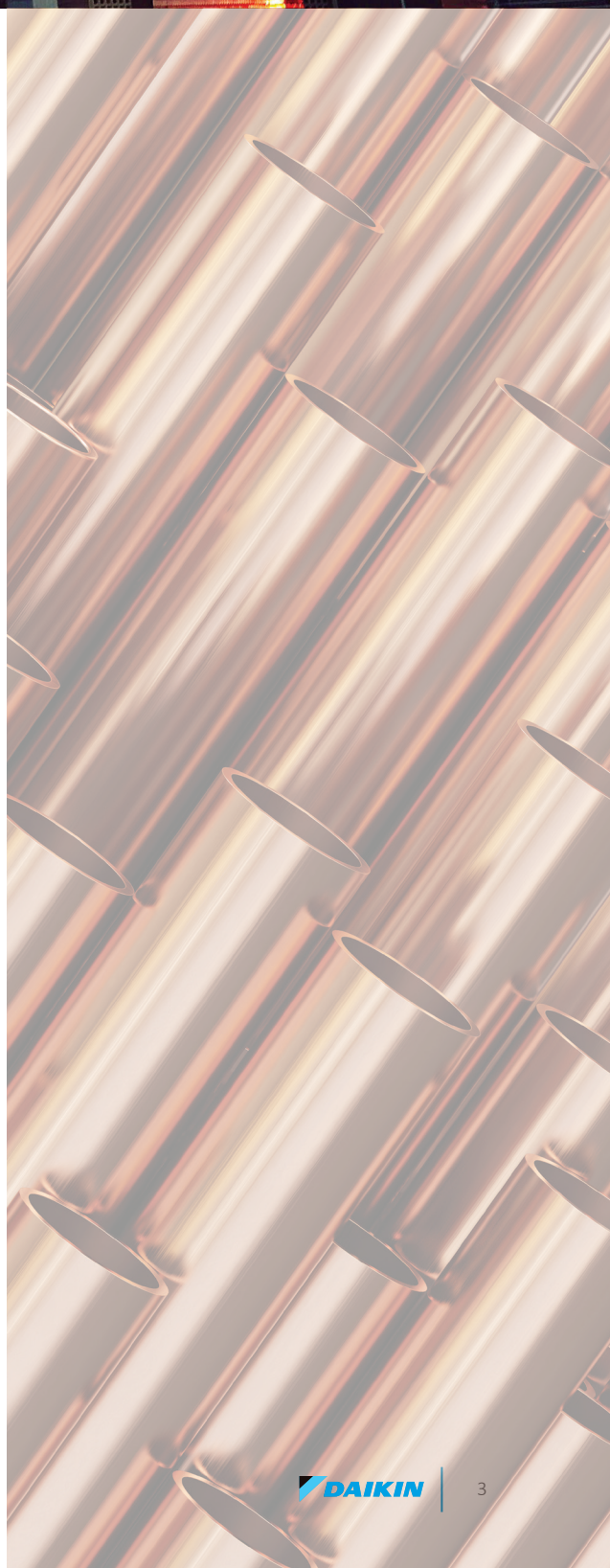
Since becoming the first company in Japan to manufacture packaged air conditioning systems, in 1951, Daikin has supported comfortable indoor living based on the strengths and technologies that have led to the growth of the company becoming one of the world's largest manufacturers of HVAC products, systems and refrigerants.

Today, as a comprehensive global manufacturer of HVAC products and systems, the Daikin brand is committed to being recognized as a truly global and excellent company capable of continually creating new value for its customers. The company plans to pursue sustainable growth and foster business operations that consistently harmonize with the goals of improving indoor comfort.

The group philosophy of the company includes:

- Creating new value continuously for customers
- Developing world leading energy-saving technology
- Being a flexible and dynamic organization
- Allowing employees to be the driving force for the success of the company
- Fostering an atmosphere of best practices, boldness, and innovation
- Thinking and acting globally

Contents



For details on accessories refer to document **PM-LC-ACCESSORIES**

Nomenclature

D	H	G	120	3	S	400	C	A	A	X	X	X	X	X	X	X	X	A	*
1	2	3	4,5,6	7	8	9,10,11	12	13	14	15	16	17	18	19	20	21	22	23	24

Brand
D Daikin

Configuration
S R-32 Standard Efficiency
H R-32 High Efficiency
V Inverter (variable speed compressor)

Application
C Cooling
G Gas Heat
H Heat Pump

Nominal Cooling Capacity

036	3 Tons	090	7½ Tons	180	15 Tons
048	4 Tons	102	8½ Tons	240	20 Tons
060	5 Tons	120	10 Tons	300	25 Tons
072	6 Tons	150	12½ tons		

Voltage

1	208-230/1/60	4	460/3/60
3	208-230/3/60	7	575/3/60

Supply Fan/Drive Type/Motor
D Direct Drive- Standard Static
L Direct Drive-Medium Static
W Direct Drive- High Static

Nominal Heating Capacity

Gas/Electric	A/C H/P Factory-Installed Electric Heat			
045 45,000 BTU/h	XXX	No Heat		
060 60,000 BTU/h	005	5kW		
070 70,000 BTU/h	010	10 kW		
080 80,000 BTU/h	015	15 kW		
090 90,000 BTU/h	020	20 kW		
100 100,000 BTU/h	030	30 kW		
115 115,000 BTU/h	045	45 kW		
125 125,000 BTU/h	060	60 kW		
130 130,000 BTU/h	075	75kW		
140 140,000 BTU/h				
150 150,000 BTU/h	**Electric Heat w/ SCR controls**			
180 180,000 BTU/h	S05	5kW	S22	20 kW
210 210,000 BTU/h	S10	10 kW	S25	25 kW
225 225,000 BTU/h	S15	15 kW	S30	30 kW
240 240,000 BTU/h	S16	15 kW	S31	30 kW
260 260,000 BTU/h	S18	18 kW	S45	45 kW
350 350,000 BTU/h	S20	20 kW	S46	45 kW
360 360,000 BTU/h	S21	20 kW	S60	60 kW
400 400,000 BTU/h			S75	75kW
480 480,000 BTU/h				

See product specifications for heat size(s) available for each capacity.

Refrigeration Systems
A Single stage cooling modes
C Two stage cooling modes
F Two stage cooling modes with Hot Gas Reheat and Low-ambient control
G Single stage cooling mode with Low-ambient controller
H Two stage cooling mode with Low-ambient controller
I Inverter (variable speed compressor)
J Inverter hot gas reheat (variable speed compressor)

Heat Exchanger
X No options
A Standard Aluminized Exchanger
S Stainless Steel Exchanger
U Ultra Low NO_x

Controls
A Electromechanical controls
B DDC w/ BACnet interface
I Inverter with Single-Zone Variable Air Volume (SZ VAV)
M Inverter with Multi-Zone Variable Air Volume (MZ VAV)
D Inverter with DKN+ (SZ VAV)
E Inverter with DKN+ (3rd Party Thermostat)

Sensors
D R-32 Sensor
E RA Smoke Detector
F SA Smoke Detector
G RA & SA Smoke Detector

Coils, Hail guard
X No Options
C Hail Guard

Economizer
X No Options
A Ultra Low-Leak Downflow Economizer w/ Enthalpy Sensor
C Ultra Low-Leak Internal Horizontal Economizer w/ Enthalpy Sensor
E Ultra Low-Leak Downflow Economizer for DDC controls w/ Enthalpy Sensor
F Ultra Low-Leak Horizontal Economizer for DDC controls w/ Enthalpy Sensor
G Ultra Low-Leak Downflow Economizer w/ Dry Bulb Sensor
J Ultra Low-Leak Internal Horizontal Economizer w/ Dry Bulb Sensor
L Ultra Low-Leak Downflow Economizer for DDC controls w/ Dry Bulb Sensor
M Ultra Low-Leak Horizontal Economizer for DDC controls w/ Dry Bulb Sensor

Electrical
X No Options
A Non-Fused Disconnect
B Phase Monitor
C Thru-the-base connections
E Non-Fused Disconnect and Phase Monitor
F Non-Fused Disconnect and Thru-the-base connectons
H Phase Monitor and Thru-the-base connections
L Non-Fused Disconnect, Thru-the-base connectons and Phase Monitor
M Non-Fused Disconnect, Phase Monitor and SCCR
N Non-Fused Disconnect, Thru-the-base connectons and SCCR
P Phase Monitor, Thru-the-base connections and SCCR
Q Non-Fused Disconnect, Thru-the-base connectons, Phase Monitor and SCCR

Service Options
X No Option
A Powered convenience outlet
B Non-powered convenience outlet
C Hinge Panels
D Hinged Panels and Powered convenience outlet
E Hinged Panels and non-powered convenience outlet

IAQ
X No Options

PE Connection
X No Options
B Single point power connection for Power Exhaust
T Single point power connection for Power Exhaust (w/ Transformer)

Revision Levels
Major & Minor

X No Options

AC Stocking Models

Daikin 7.5-12.5 Ton

Model Number	Code String	Model Number	Code String	Model Number	Code String
DHG0903DH00001S	DHG0903D225CAADXXXXXXXAA	DHG1027DH00001S	DHG1027D225CAADXXXXXXXAA	DHG1504DH00001S	DHG1504D240CAADXXXXXXXAA
DHG0903DL00001S	DHG0903D130CAADXXXXXXXAA	DHG1027DL00001S	DHG1027D130CAADXXXXXXXAA	DHG1504DL00001S	DHG1504D130CAADXXXXXXXAA
DHG0903DM00001S	DHG0903D180CAADXXXXXXXAA	DHG1027DM00001S	DHG1027D180CAADXXXXXXXAA	DHG1504DM00001S	DHG1504D180CAADXXXXXXXAA
DHG0904DH00001S	DHG0904D225CAADXXXXXXXAA	DHG1203DH00001S	DHG1203D240CAADXXXXXXXAA	DHG1507DH00001S	DHG1507D240CAADXXXXXXXAA
DHG0904DL00001S	DHG0904D130CAADXXXXXXXAA	DHG1203DL00001S	DHG1203D130CAADXXXXXXXAA	DHG1507DL00001S	DHG1507D130CAADXXXXXXXAA
DHG0904DM00001S	DHG0904D180CAADXXXXXXXAA	DHG1203DM00001S	DHG1203D180CAADXXXXXXXAA	DHG1507DM00001S	DHG1507D180CAADXXXXXXXAA
DHG0907DH00001S	DHG0907D225CAADXXXXXXXAA	DHG1204DH00001S	DHG1204D240CAADXXXXXXXAA	DHG1503WH00001F	DHG1503W240CAADXXXXXXXAA
DHG0907DL00001S	DHG0907D130CAADXXXXXXXAA	DHG1204DL00001S	DHG1204D130CAADXXXXXXXAA	DHG1503WL00001F	DHG1503W130CAADXXXXXXXAA
DHG0907DM00001S	DHG0907D180CAADXXXXXXXAA	DHG1204DM00001S	DHG1204D180CAADXXXXXXXAA	DHG1503WM00001F	DHG1503W180CAADXXXXXXXAA
DHG1023DH00001S	DHG1023D225CAADXXXXXXXAA	DHG1207DH00001S	DHG1207D240CAADXXXXXXXAA	DHG1504WH00001F	DHG1504W240CAADXXXXXXXAA
DHG1023DL00001S	DHG1023D130CAADXXXXXXXAA	DHG1207DL00001S	DHG1207D130CAADXXXXXXXAA	DHG1504WL00001F	DHG1504W130CAADXXXXXXXAA
DHG1023DM00001S	DHG1023D180CAADXXXXXXXAA	DHG1207DM00001S	DHG1207D180CAADXXXXXXXAA	DHG1504WM00001F	DHG1504W180CAADXXXXXXXAA
DHG1024DH00001S	DHG1024D225CAADXXXXXXXAA	DHG1503DH00001S	DHG1503D240CAADXXXXXXXAA	DHG1507WH00001F	DHG1507W240CAADXXXXXXXAA
DHG1024DL00001S	DHG1024D130CAADXXXXXXXAA	DHG1503DL00001S	DHG1503D130CAADXXXXXXXAA	DHG1507WL00001F	DHG1507W130CAADXXXXXXXAA
DHG1024DM00001S	DHG1024D180CAADXXXXXXXAA	DHG1503DM00001S	DHG1503D180CAADXXXXXXXAA	DHG1507WM00001F	DHG1507W180CAADXXXXXXXAA

Daikin Packaged Rooftop Units (RTUs) are built to perform, with features and options that help provide low installation and operation costs, superior indoor air quality, efficient operation, and longevity.

Installation

Daikin Packaged units are designed with fast and easy installation in mind and are ideal for both new construction and retrofit projects. Our packaged rooftop units are built to be a direct replacement for most rooftop units on the field without the need of a curb adapter, to be able to replace the unit in a shorter time and at a lower cost (compared to the previous design).

Cabinet Construction

Daikin packaged rooftop units are made with high quality galvanized steel with a powder-paint finish to provide higher corrosion resistance.

- Easy accessibility using our tool-less filter access
- The interior surface in the indoor air section is fully insulated to prevent sweating and thermal losses, using our foil face fiberglass insulation which also omits exposed filter fibers into the airstream.
- 1" Raised flanged edges around the supply and return offer easy installation for the duct connections.

- The full perimeter base rail is built using heavy gauge galvanized steel for a stronger structural installation. The base rails are a minimum of 3½" tall and include holes to allow for overhead rigging and lifting with forklifts.
- Electrical lines and gas lines can be brought through the base of the unit or through the horizontal knockout for easy installation and accessibility on the field.

Compressor

High performance, low noise scroll compressors to match the required total load.

- Resiliently factory-mounted on rubber grommets for vibration isolation
- Refrigeration circuit includes both low- and high-pressure transducer, high pressure safety switch and temperature sensors for the suction and discharge lines.
- Unit is factory charged with environmentally friendly Low GWP R-32 refrigerant.
- Compressor location outside the condenser section to avoid air bypass.
- Internal overload protection included with compressor.
- Dual single-stage scroll compressor for partial load applications.

Supply Fan

The direct-drive with airfoil single width, single inlet (SWSI) Class II construction supply fan with aluminum fan +blades provides efficient and quiet operation at wide ranging static pressure and air flow requirements.

- Fan wheel is continuously welded to the hub plate and end rim for long lasting reliable operation.
- Direct-drive ECM motor removes the need for belts, sheaves, or bearings and its permanently lubricated motors provides low maintenance cost.
- Each fan assembly is dynamically trim balanced at the factory before shipment for quick start-up and efficient operation.
- Electromechanical integrated controls modulate the supply fan motor
- Motor with thermal overload is provided for motor long lasting operation.

Coils

All units use large face area outdoor coils. These coils are constructed with seamless copper tubes, mechanically bonded into aluminum plate-type fins with full drawn collars to completely cover the tubes for high operating efficiencies.

The indoor coil section is installed in a draw through configuration to provide better dehumidification.

- Coils are factory pressure tested to ensure pressure and leak integrity.
- Copper tube / aluminum fin coils on condenser and evaporator
- 5mm Smart Coil Technology on all condenser coils for improved performance and reduced refrigerant load.

Controls and Wiring

Packaged rooftop units come equipped with a well-organized, large, easy to use, weatherproof internal control box with easy access, for a better user experience.

- Units are factory-wired with labeled color-coded wires and complete 24-volt Electromechanical controls package.
- Terminal blocks are provided as standard for easy installation and field power wiring.
- The Daikin iLINQ Controller is a factory-installed solution to provide intelligent control for Daikin Light Commercial rooftop units* (RTUs). iLINQ provides physical inputs and outputs to control and monitor the RTU and features a graphic web interface for remote access (via a computer or tablet). Equipped with built-in BACnet™ IP and MS/TP interface or it can be used with an optional LonWorks® card that is available to integrate the Daikin RTU with building automation systems (BMS).

Filtration

Unit provides a draw-through filter section as standard for better air quality and long lasting component maintenance.

- Filters installed on the units are standard off the shelf sizes for easy replacement.
- One size filter per unit for low maintenance cost and easy replacement.
- Tool-less filter access for easy and fast filter replacement and service.

Heating Section

Wide range of natural gas selections effectively handle most comfort heating demand from morning warm-up control to full heat, all available with Daikin's Wrinkle Bend heat exchanger technology.

Gas Furnace

ETL certified heating modules provide a custom match to specific design requirement.

- Wrinkle Bend Technology available on all Daikin gas heat exchangers. The Wrinkle Bend Technology reduces the manufacturing stress that leads to defects and pinholes in the tubes at the same time as it increases the gas turbulence to amplify the heat transfer.
- All 3-Phase models have a minimum 80% T.E. (Thermal Efficiency)
- User has the flexibility to order heat exchanger tubes with 20 Gauge, G160, aluminized steel or stainless steel to meet your application needs.
- The furnace has a tubular design with in-shot gas burner manifold and is installed downstream of the supply fan.
- The module contains an induced draft fan that will maintain a negative pressure in the heat exchanger tubes for the removal of the flue gases to protect indoor air quality.
- Each burner module provides flame roll-out safety protection switches and a high temperature limit switch for reliable operation.
- Induced draft fan includes an airflow safety switch to prevent heating operation in the event of no airflow for occupant safety.
- All burner assemblies are factory tested and adjusted prior to shipment.
- Heating control is fully integrated into the unit's control system for quick start-up and reliable control.
- Optional field installed LP kits are available for staged heating modules as well as high altitude kits.

Electrical

Units are completely wired and tested at the factory to provide faster commissioning and start-up.

- Wiring complies with NEC requirements and all applicable UL standards.
- For ease of use, wiring and electrical components are number coded and labeled according to the electrical diagram.
- A 115 V GFI convenience outlet requiring independent power supply for the receptacle is optional.
- An optional unit powered 20 amp 115 V convenience outlet, complete with factory mounted transformer, disconnect switch, and primary and secondary overload protection, eliminates the need to pull a separate 115 V power source.
- Supply air fan, compressor, and condenser fan motor branch circuits have individual short circuit protection. Unit includes knockouts in the bottom of the main control panels for field wiring entrance.
- A single-point power connection with power block is standard and a terminal board is provided for connecting low voltage control wiring.
- For better serviceability an optional non-fused disconnect switch can be installed inside the control panel and operated by an externally mounted handle to disconnect the electrical power at the unit.

Daikin Modulating Hot Gas Reheat Dehumidification

Using a space sensor in conjunction with the Daikin iLINQ Controller and Reheat Module, the unit can initiate a Dehumidification Mode as the space humidity rises above setpoint. In this mode, the modulating valve diverts a percentage of the hot gas to the reheat coil as required in order to maintain supply air temperature requirements while lowering the space relative humidity. The modulating valve system allows smooth transition into dehumidification and longer run time at a steady supply air temperature. The indoor fan will operate at high and low speed during dehumidification mode.


DAIKIN

Applications

Daikin Rooftop units are intended for comfort cooling applications in normal heating, ventilating, and air conditioning. Consult your local Daikin sales representative for applications involving operations at high ambient temperatures, high altitudes, non-cataloged voltages, or for job-specific unit selections that fall outside of the range of the catalog tables.

For proper operation, units should be rigged in accordance with instructions stated on the installation manual. Fire dampers, if required, must be installed in the ductwork according to local and/or state codes. No space is allowed for these dampers in the unit.

Follow factory check, test and start procedures explicitly to achieve satisfactory start-up and operation.

Most rooftop applications take advantage of the significant energy savings provided with economizer operation. When an economizer system is used, mechanical refrigeration is typically not required below an ambient temperature of 50°F.

Serviceability

Daikin packaged rooftop units are built with serviceability in mind, designed to make future maintenance and service on the unit easy and accessible.

- Our packaged rooftop units offer a slide out blower to facilitate the access and removal of the fan.
- Filter panels on the small chassis line offer tool-less access for easy maintenance.
- Independent compressor outside of the air bypass to eliminate component blockage and provide easy access.
- Labeled field connections, color coded and continuously marked wire to identify point-to-point component connections.
- All 7.5- 12.5 ton units are designed for convertible airflow orientation to serve downflow or horizontal applications. Every unit ships prepared to convert to horizontal orientation in the field if required.
- Condenser clean out from inside-out.
- Easy access to gas valves and control panel.

Model	DHG0903DL00001S	DHG0903DM00001S	DHG0903DH00001S	DHG0904DL00001S	DHG0904DM00001S
COOLING CAPACITY					
Total, BTU/h	90,000	90,000	90,000	90,000	90,000
IEER / EER	17.5/12.5	17.5/12.5	17.5/12.5	17.5/12.5	17.5/12.5
AHRI Reference #	216436785	216436785	216436785	216436786	216436786
HEATING CAPACITY					
Heat Range	LOW	MEDIUM	HIGH	LOW	MEDIUM
No. of Burners	5	6	7	5	6
High Stage Input / Output (KBTU/H)	130/105.3	180/145.8	225/182.25	130/105.3	180/145.8
Low Stage Input / Output (KBTU/H)	97.5/79	135/109.35	168.75/136.69	97.5/79	135/109.35
Thermal Efficiency (T.E.)	81%	81%	81%	81%	81%
Annual Fuel Utilization Efficiency (AFUE)	N/A	N/A	N/A	N/A	N/A
High Stage Temperature Rise Range (°F)	25 - 55	25 - 55	40 - 70	25 - 55	25 - 55
Low Stage Temperature Rise Range (°F)	25 - 55	25 - 55	40 - 70	25 - 55	25 - 55
EVAPORATOR MOTOR COIL					
Motor Type	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE
External Static Pressure (ESP)	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD
Wheel Dia. X Width	Ø15.12 X 12.62	Ø15.12 X 12.62	Ø15.12 X 12.62	Ø15.12 X 12.62	Ø15.12 X 12.62
Indoor Nominal CFM	3000	3000	3000	3000	3000
RPM	300-1600	300-1600	300-1600	300-1600	300-1600
Indoor Horsepower	2.4	2.4	2.4	2.4	2.4
Filter Size (in)	16 X 25 X 2 (4)	16 X 25 X 2 (4)	16 X 25 X 2 (4)	16 X 25 X 2 (4)	16 X 25 X 2 (4)
Drain Size (NPT)	3/4	3/4	3/4	3/4	3/4
R-32 Refrigerant Charge (oz.)	122.4/115	122.4/115	122.4/115	122.4/115	122.4/115
Evaporator Coil Face Area (ft^2)	12.8	12.8	12.8	12.8	12.8
Rows Deep/ Fins per Inch	4/16	4/16	4/16	4/16	4/16
CONDENSER FAN/COIL					
Quantity of Condenser Fan Motors	2	2	2	2	2
RPM (High/Low stage)	1122	1122	1122	1050	1050
Outdoor Horsepower	1/3	1/3	1/3	1/3	1/3
Fan Diameter/ # Fan Blades	22/3	22/3	22/3	22/3	22/3
Face Area (ft^2)	35.3	35.3	35.3	35.3	35.3
Rows Deep / Fins per Inch	2/28±1	2/28±1	2/28±1	2/28±1	2/28±1
COMPRESSOR					
Quantity / Type / Stages	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1
Compressor RLA / LRA	12.2/120	12.2/120	12.2/120	5.8/55.1	5.8/55.1
ELECTRICAL DATA					
Voltage-Phase-Frequency	208/230-3-60	208/230-3-60	208/230-3-60	460-3-60	460-3-60
Indoor Blower FLA	8	8	8	5.4	5.4
Max External Static (In. W.C.)	0.8	0.8	0.8	0.8	0.8
Outdoor Fan FLA	2	2	2	0.85	0.85
Min. Circuit Ampacity[1]	39.4/39.4	39.4/39.4	39.4/39.4	20.1	20.1
Max. Overcurrent Protection (A)[2]	50/50	50/50	50/50	25	25
Power Supply Conduit Hole Dia. (in)	1.375	1.375	1.375	1.375	1.375
Low-VoltageConduit Hole Dia. (in)	0.875	0.875	0.875	0.875	0.875
OPERATING WEIGHT (LBS.)					
Operating Weight (lbs)	1253	1253	1253	1253	1253
SHIPPING WEIGHT (LBS.)					
Ship Weight (lbs)	1319	1319	1319	1319	1319

[1] Wire size should be determined in accordance with National Electrical Codes. Extensive wire runs will require larger wire sizes.
[2] May use fuses or HACR-type circuit breakers of the same size as noted.
Note: Always check the S&R plate for electrical data on the unit being installed.

Model	DHG0904DH00001S	DHG0907DL00001S	DHG0907DM00001S	DHG0907DH00001S
COOLING CAPACITY				
Total, BTU/h	90,000	90,000	90,000	90,000
IEER / EER	17.5/12.5	17.5/12.5	17.5/12.5	17.5/12.5
AHRI Reference #	216436786	216436787	216436787	216436787
HEATING CAPACITY				
Heat Range	HIGH	LOW	MEDIUM	HIGH
No. of Burners	7	5	6	7
High Stage Input / Output (KBTU/H)	225/182.25	130/105.3	180/145.8	225/182.25
Low Stage Input / Output (KBTU/H)	168.75/136.69	97.5/79	135/109.35	168.75/136.69
Thermal Efficiency (T.E.)	81%	81%	81%	81%
Annual Fuel Utilization Efficiency (AFUE)	N/A	N/A	N/A	N/A
High Stage Temperature Rise Range (°F)	40 - 70	25 - 55	25 - 55	40 - 70
Low Stage Temperature Rise Range (°F)	40 - 70	25 - 55	25 - 55	40 - 70
EVAPORATOR MOTOR COIL				
Motor Type	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE
External Static Pressure (ESP)	STANDARD	STANDARD	STANDARD	STANDARD
Wheel Dia. X Width	Ø15.12 X 12.62	Ø15.12 X 12.62	Ø15.12 X 12.62	Ø15.12 X 12.62
Indoor Nominal CFM	3000	3000	3000	3000
RPM	300-1600	300-1600	300-1600	300-1600
Indoor Horsepower	2.4	2.4	2.4	2.4
Filter Size (in)	16 X 25 X 2 (4)	16 X 25 X 2 (4)	16 X 25 X 2 (4)	16 X 25 X 2 (4)
Drain Size (NPT)	3/4	3/4	3/4	3/4
R-32 Refrigerant Charge (oz.)	122.4/115	122.4/115	122.4/115	122.4/115
Evaporator Coil Face Area (ft^2)	12.8	12.8	12.8	12.8
Rows Deep/ Fins per Inch	4/16	4/16	4/16	4/16
CONDENSER FAN/COIL				
Quantity of Condenser Fan Motors	2	2	2	2
RPM (High/Low stage)	1050	1050	1050	1050
Outdoor Horsepower	1/3	1/3	1/3	1/3
Fan Diameter/ # Fan Blades	22/3	22/3	22/3	22/3
Face Area (ft^2)	35.3	35.3	35.3	35.3
Rows Deep / Fins per Inch	2/28±1	2/28±1	2/28±1	2/28±1
COMPRESSOR				
Quantity / Type / Stages	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1
Compressor RLA / LRA	5.8/55.1	5.8/41.0	5.8/41.0	5.8/41.0
ELECTRICAL DATA				
Voltage-Phase-Frequency	460-3-60	575-3-60	575-3-60	575-3-60
Indoor Blower FLA	5.4	4	4	4
Max External Static (In. W.C.)	0.8	0.8	0.8	0.8
Outdoor Fan FLA	0.85	0.67	0.67	0.67
Min. Circuit Ampacity[1]	20.1	18.3	18.3	18.3
Max. Overcurrent Protection (A)[2]	25	20	20	20
Power Supply Conduit Hole Dia. (in)	1.375	1.375	1.375	1.375
Low-VoltageConduit Hole Dia. (in)	0.875	0.875	0.875	0.875
OPERATING WEIGHT (LBS.)				
Operating Weight (lbs)	1253	1253	1253	1253
SHIPPING WEIGHT (LBS.)				
Ship Weight (lbs)	1319	1319	1319	1319

[1] Wire size should be determined in accordance with National Electrical Codes. Extensive wire runs will require larger wire sizes.
[2] May use fuses or HACR-type circuit breakers of the same size as noted.
Note: Always check the S&R plate for electrical data on the unit being installed.

Model	DHG1023DL00001S	DHG1023DM00001S	DHG1023DH00001S	DHG1024DL00001S	DHG1024DM00001S
COOLING CAPACITY					
Total, BTU/h	102,000	102,000	102,000	102,000	102,000
IEER / EER	17.5/12.5	17.5/12.5	17.5/12.5	17.5/12.5	17.5/12.5
AHRI Reference #	216436788	216436788	216436788	216436789	216436789
HEATING CAPACITY					
Heat Range	LOW	MEDIUM	HIGH	LOW	MEDIUM
No. of Burners	5	6	7	5	6
High Stage Input / Output (KBTU/H)	130/105.3	180/145.8	225/182.25	130/105.3	180/145.8
Low Stage Input / Output (KBTU/H)	97.5/79	135/109.35	168.75/136.69	97.5/79	135/109.35
Thermal Efficiency (T.E.)	81%	81%	81%	81%	81%
Annual Fuel Utilization Efficiency (AFUE)	N/A	N/A	N/A	N/A	N/A
High Stage Temperature Rise Range (°F)	25 - 55	25 - 55	40 - 70	25 - 55	25 - 55
Low Stage Temperature Rise Range (°F)	25 - 55	25 - 55	40 - 70	25 - 55	25 - 55
EVAPORATOR MOTOR COIL					
Motor Type	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE
External Static Pressure (ESP)	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD
Wheel Dia. X Width	Ø15.12 X 12.62	Ø15.12 X 12.62	Ø15.12 X 12.62	Ø15.12 X 12.62	Ø15.12 X 12.62
Indoor Nominal CFM	3025	3025	3025	3025	3025
RPM	300-1600	300-1600	300-1600	300-1600	300-1600
Indoor Horsepower	2.4	2.4	2.4	2.4	2.4
Filter Size (in)	20 X 25 X 2 (2) 25 X 25 X 2(2)	20 X 25 X 2 (2) 25 X 25 X 2(2)	20 X 25 X 2 (2) 25 X 25 X 2(2)	20 X 25 X 2 (2) 25 X 25 X 2(2)	"20 X 25 X 2 (2) 25 X 25 X 2(2)"
Drain Size (NPT)	3/4	3/4	3/4	3/4	3/4
R-32 Refrigerant Charge (oz.)	123/124	123/124	123/124	123/124	123/124
Evaporator Coil Face Area (ft^2)	16.6	16.6	16.6	16.6	16.6
Rows Deep/ Fins per Inch	4/16	4/16	4/16	4/16	4/16
CONDENSER FAN/COIL					
Quantity of Condenser Fan Motors	2	2	2	2	2
RPM (High/Low stage)	1050	1050	1050	1050	1050
Outdoor Horsepower	1/3	1/3	1/3	1/3	1/3
Fan Diameter/ # Fan Blades	22/3	22/3	22/3	22/3	22/3
Face Area (ft^2)	35.3	35.3	35.3	35.3	35.3
Rows Deep / Fins per Inch	2/28±1	2/28±1	2/28±1	2/28±1	2/28±1
COMPRESSOR					
Quantity / Type / Stages	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1
Compressor RLA / LRA	6.3/55.0	6.3/55.0	6.3/55.0	6.0/41.0	6.4/55.1
ELECTRICAL DATA					
Voltage-Phase-Frequency	208/230-3-60	208/230-3-60	208/230-3-60	460-3-60	460-3-60
Indoor Blower FLA	8	8	8	5.4	5.4
Max External Static (In. W.C.)	0.8	0.8	0.8	0.8	0.8
Outdoor Fan FLA	2	2	2	0.85	0.85
Min. Circuit Ampacity[1]	43.7/43.7	43.7/43.7	43.7/43.7	21.5	21.5
Max. Overcurrent Protection (A)[2]	50/50	50/50	50/50	25	25
Power Supply Conduit Hole Dia. (in)	1.375	1.375	1.375	1.375	1.375
Low-VoltageConduit Hole Dia. (in)	0.875	0.875	0.875	0.875	0.875
OPERATING WEIGHT (LBS.)					
Operating Weight (lbs)	1268	1268	1268	1268	1268
SHIPPING WEIGHT (LBS.)					
Ship Weight (lbs)	1327	1327	1327	1327	1327

[1] Wire size should be determined in accordance with National Electrical Codes. Extensive wire runs will require larger wire sizes.
[2] May use fuses or HACR-type circuit breakers of the same size as noted.
Note: Always check the S&R plate for electrical data on the unit being installed.

Model	DHG1024DH00001S	DHG1027DL00001S	DHG1027DM00001S	DHG1027DH00001S
COOLING CAPACITY				
Total, BTU/h	102,000	102,000	102,000	102,000
IEER / EER	17.5/12.5	17.5/12.5	17.5/12.5	17.5/12.5
AHRI Reference #	216436789	216436790	216436790	216436790
HEATING CAPACITY				
Heat Range	HIGH	LOW	MEDIUM	HIGH
No. of Burners	7	5	6	7
High Stage Input / Output (KBTU/H)	225/182.25	130/105.3	180/145.8	225/182.25
Low Stage Input / Output (KBTU/H)	168.75/136.69	97.5/79	135/109.35	168.75/136.69
Thermal Efficiency (T.E.)	81%	81%	81%	81%
Annual Fuel Utilization Efficiency (AFUE)	N/A	N/A	N/A	N/A
High Stage Temperature Rise Range (°F)	40 - 70	25 - 55	25 - 55	40 - 70
Low Stage Temperature Rise Range (°F)	40 - 70	25 - 55	25 - 55	40 - 70
EVAPORATOR MOTOR COIL				
Motor Type	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE
External Static Pressure (ESP)	STANDARD	STANDARD	STANDARD	STANDARD
Wheel Dia. X Width	Ø15.12 X 12.62	Ø15.12 X 12.62	Ø15.12 X 12.62	Ø15.12 X 12.62
Indoor Nominal CFM	3025	3025	3025	3025
RPM	300-1600	300-1600	300-1600	300-1600
Indoor Horsepower	2.4	2.4	2.4	2.4
Filter Size (in)	20 X 25 X 2 (2) 25 X 25 X 2(2)	20 X 25 X 2 (2) 25 X 25 X 2(2)	20 X 25 X 2 (2) 25 X 25 X 2(2)	20 X 25 X 2 (2) 25 X 25 X 2(2)
Drain Size (NPT)	3/4	3/4	3/4	3/4
R-32 Refrigerant Charge (oz.)	123/124	123/124	123/124	123/124
Evaporator Coil Face Area (ft^2)	16.6	16.6	16.6	16.6
Rows Deep/ Fins per Inch	4/16	4/16	4/16	4/16
CONDENSER FAN/COIL				
Quantity of Condenser Fan Motors	2	2	2	2
RPM (High/Low stage)	1050	1050	1050	1050
Outdoor Horsepower	1/3	1/3	1/3	1/3
Fan Diameter/ # Fan Blades	22/3	22/3	22/3	22/3
Face Area (ft^2)	35.3	35.3	35.3	35.3
Rows Deep / Fins per Inch	2/28±1	2/28±1	2/28±1	2/28±1
COMPRESSOR				
Quantity / Type / Stages	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1
Compressor RLA / LRA	6.4/55.1	5.1/41.0	5.1/41.0	5.1/41.0
ELECTRICAL DATA				
Voltage-Phase-Frequency	460-3-60	575-3-60	575-3-60	575-3-60
Indoor Blower FLA	5.4	4	4	4
Max External Static (In. W.C.)	0.8	0.8	0.8	0.8
Outdoor Fan FLA	0.85	0.67	0.67	0.67
Min. Circuit Ampacity[1]	21.5	16.9	16.9	16.9
Max. Overcurrent Protection (A)[2]	25	20	20	20
Power Supply Conduit Hole Dia. (in)	1.375	1.375	1.375	1.375
Low-VoltageConduit Hole Dia. (in)	0.875	0.875	0.875	0.875
OPERATING WEIGHT (LBS.)				
Operating Weight (lbs)	1268	1268	1268	1268
SHIPPING WEIGHT (LBS.)				
Ship Weight (lbs)	1327	1327	1327	1327

[1] Wire size should be determined in accordance with National Electrical Codes. Extensive wire runs will require larger wire sizes.
[2] May use fuses or HACR-type circuit breakers of the same size as noted.
Note: Always check the S&R plate for electrical data on the unit being installed.

Model	DHG1203DL00001S	DHG1203DM00001S	DHG1203DH00001S	DHG1204DL00001S	DHG1204DM00001S
COOLING CAPACITY					
Total, BTU/h	116,000	116,000	116,000	116,000	116,000
IEER / EER	17/12.5	17/12.5	17/12.5	17/12.5	17/12.5
AHRI Reference #	216436791	216436791	216436791	216436792	216436792
HEATING CAPACITY					
Heat Range	LOW	MEDIUM	HIGH	LOW	MEDIUM
No. of Burners	5	6	7	5	6
High Stage Input / Output (KBTU/H)	130/105.3	180/145.8	240/194.4	130/105.3	180/145.8
Low Stage Input / Output (KBTU/H)	97.5/79	135/109.35	180/145.8	97.5/79	135/109.35
Thermal Efficiency (T.E.)	81%	81%	81%	81%	81%
Annual Fuel Utilization Efficiency (AFUE)	N/A	N/A	N/A	N/A	N/A
High Stage Temperature Rise Range (°F)	25 - 55	25 - 55	30 - 60	25 - 55	25 - 55
Low Stage Temperature Rise Range (°F)	25 - 55	25 - 55	30 - 60	25 - 55	25 - 55
EVAPORATOR MOTOR COIL					
Motor Type	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE
External Static Pressure (ESP)	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD
Wheel Dia. X Width	Ø15.12 X 15.00	Ø15.12 X 15.00	Ø15.12 X 15.00	Ø15.12 X 15.00	Ø15.12 X 15.00
Indoor Nominal CFM	3500	3500	3500	3500	3500
RPM	300-1600	300-1600	300-1600	300-1600	300-1600
Indoor Horsepower	2.4	2.4	2.4	2.4	2.4
Filter Size (in)	20 X 25 X 2 (2) 25 X 25 X 2(2)	20 X 25 X 2 (2) 25 X 25 X 2(2)	20 X 25 X 2 (2) 25 X 25 X 2(2)	20 X 25 X 2 (2) 25 X 25 X 2(2)	20 X 25 X 2 (2) 25 X 25 X 2(2)
Drain Size (NPT)	3/4	3/4	3/4	3/4	3/4
R-32 Refrigerant Charge (oz.)	142/146	142/146	142/146	142/146	142/146
Evaporator Coil Face Area (ft^2)	16.6	16.6	16.6	16.6	16.6
Rows Deep/ Fins per Inch	4/16	4/16	4/16	4/16	4/16
CONDENSER FAN/COIL					
Quantity of Condenser Fan Motors	2	2	2	2	2
RPM (High/Low stage)	1122	1122	1122	1050	1050
Outdoor Horsepower	1/3	1/3	1/3	1/3	1/3
Fan Diameter/ # Fan Blades	22/3	22/3	22/3	22/3	22/3
Face Area (ft^2)	39.6	39.6	39.6	39.6	39.6
Rows Deep / Fins per Inch	2/28±1	2/28±1	2/28±1	2/28±1	2/28±1
COMPRESSOR					
Quantity / Type / Stages	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1
Compressor RLA / LRA	15.4/156.4	15.4/156.4	15.4/156.4	7.7/69.0	7.7/69.0
ELECTRICAL DATA					
Voltage-Phase-Frequency	208/230-3-60	208/230-3-60	208/230-3-60	460-3-60	460-3-60
Indoor Blower FLA	8	8	8	5.4	5.4
Max External Static (In. W.C.)	0.8	0.8	0.8	0.8	0.8
Outdoor Fan FLA	2	2	2	0.85	0.85
Min. Circuit Ampacity[1]	46.6/46.6	46.6/46.6	46.6/46.6	24.4	24.4
Max. Overcurrent Protection (A)[2]	60/60	60/60	60/60	30	30
Power Supply Conduit Hole Dia. (in)	1.375	1.375	1.375	1.375	1.375
Low-VoltageConduit Hole Dia. (in)	0.875	0.875	0.875	0.875	0.875
OPERATING WEIGHT (LBS.)					
Operating Weight (lbs)	1296	1296	1296	1296	1296
SHIPPING WEIGHT (LBS.)					
Ship Weight (lbs)	1353	1353	1353	1353	1353

[1] Wire size should be determined in accordance with National Electrical Codes. Extensive wire runs will require larger wire sizes.
[2] May use fuses or HACR-type circuit breakers of the same size as noted.
Note: Always check the S&R plate for electrical data on the unit being installed.

Model	DHG1204DH00001S	DHG1207DL00001S	DHG1207DM00001S	DHG1207DH00001S
COOLING CAPACITY				
Total, BTU/h	116,000	116,000	116,000	116,000
IEER / EER	17/12.5	17/12.5	17/12.5	17/12.5
AHRI Reference #	216436792	216436793	216436793	216436793
HEATING CAPACITY				
Heat Range	HIGH	LOW	MEDIUM	HIGH
No. of Burners	7	5	6	7
High Stage Input / Output (KBTU/H)	240/194.4	130/105.3	180/145.8	240/194.4
Low Stage Input / Output (KBTU/H)	180/145.8	97.5/79	135/109.35	180/145.8
Thermal Efficiency (T.E.)	81%	81%	81%	81%
Annual Fuel Utilization Efficiency (AFUE)	N/A	N/A	N/A	N/A
High Stage Temperature Rise Range (°F)	30 - 60	25 - 55	25 - 55	30 - 60
Low Stage Temperature Rise Range (°F)	30 - 60	25 - 55	25 - 55	30 - 60
EVAPORATOR MOTOR COIL				
Motor Type	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE
External Static Pressure (ESP)	STANDARD	STANDARD	STANDARD	STANDARD
Wheel Dia. X Width	Ø15.12 X 15.00	Ø15.12 X 15.00	Ø15.12 X 15.00	Ø15.12 X 15.00
Indoor Nominal CFM	3500	3500	3500	3500
RPM	300-1600	300-1600	300-1600	300-1600
Indoor Horsepower	2.4	2.4	2.4	2.4
Filter Size (in)	20 X 25 X 2 (2) 25 X 25 X 2(2)	20 X 25 X 2 (2) 25 X 25 X 2(2)	20 X 25 X 2 (2) 25 X 25 X 2(2)	20 X 25 X 2 (2) 25 X 25 X 2(2)
Drain Size (NPT)	3/4	3/4	3/4	3/4
R-32 Refrigerant Charge (oz.)	142/146	142/146	142/146	142/146
Evaporator Coil Face Area (ft^2)	16.6	16.6	16.6	16.6
Rows Deep/ Fins per Inch	4/16	4/16	4/16	4/16
CONDENSER FAN/COIL				
Quantity of Condenser Fan Motors	2	2	2	2
RPM (High/Low stage)	1050	1050	1050	1050
Outdoor Horsepower	1/3	1/3	1/3	1/3
Fan Diameter/ # Fan Blades	22/3	22/3	22/3	22/3
Face Area (ft^2)	39.6	39.6	39.6	39.6
Rows Deep / Fins per Inch	2/28±1	2/28±1	2/28±1	2/28±1
COMPRESSOR				
Quantity / Type / Stages	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1
Compressor RLA / LRA	7.7/69.0	6.4/47.8	6.4/47.8	6.4/47.8
ELECTRICAL DATA				
Voltage-Phase-Frequency	460-3-60	575-3-60	575-3-60	575-3-60
Indoor Blower FLA	5.4	4	4	4
Max External Static (In. W.C.)	0.8	0.8	0.8	0.8
Outdoor Fan FLA	0.85	0.67	0.67	0.67
Min. Circuit Ampacity[1]	24.4	19.7	19.7	19.7
Max. Overcurrent Protection (A)[2]	30	25	25	25
Power Supply Conduit Hole Dia. (in)	1.375	1.375	1.375	1.375
Low-VoltageConduit Hole Dia. (in)	0.875	0.875	0.875	0.875
OPERATING WEIGHT (LBS.)				
Operating Weight (lbs)	1296	1296	1296	1296
SHIPPING WEIGHT (LBS.)				
Ship Weight (lbs)	1353	1353	1353	1353

[1] Wire size should be determined in accordance with National Electrical Codes. Extensive wire runs will require larger wire sizes.
[2] May use fuses or HACR-type circuit breakers of the same size as noted.
Note: Always check the S&R plate for electrical data on the unit being installed.

Model	DHG1503DL00001S	DHG1503DM00001S	DHG1503DH00001S	DHG1504DL00001S	DHG1504DM00001S	DHG1504DH00001S
COOLING CAPACITY						
Total, BTU/h	138,000	138,000	138,000	138,000	138,000	138,000
IEER / EER	16/12	16/12	16/12	16/12	16/12	16/12
AHRI Reference #	216436794	216436794	216436794	216436795	216436795	216436795
HEATING CAPACITY						
Heat Range	LOW	MEDIUM	HIGH	LOW	MEDIUM	HIGH
No. of Burners	5	6	7	5	6	7
High Stage Input / Output (KBTU/H)	130/105.3	180/145.8	240/194.4	130/105.3	180/145.8	240/194.4
Low Stage Input / Output (KBTU/H)	97.5/79	135/109.35	180/145.8	97.5/79	135/109.35	180/145.8
Thermal Efficiency (T.E.)	81%	81%	81%	81%	81%	81%
Annual Fuel Utilization Efficiency (AFUE)	N/A	N/A	N/A	N/A	N/A	N/A
High Stage Temperature Rise Range (°F)	25 - 55	25 - 55	35 - 65	25 - 55	25 - 55	35 - 65
Low Stage Temperature Rise Range (°F)	25 - 55	25 - 55	35 - 65	25 - 55	25 - 55	35 - 65
EVAPORATOR MOTOR COIL						
Motor Type	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE
External Static Pressure (ESP)	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD
Wheel Dia. X Width	Ø15.12 X 15.00	Ø15.12 X 15.00	Ø15.12 X 15.00	Ø15.12 X 15.00	Ø15.12 X 15.00	Ø15.12 X 15.00
Indoor Nominal CFM	3800	3800	3800	3800	3800	3800
RPM	300-1600	300-1600	300-1600	300-1600	300-1600	300-1600
Indoor Horsepower	3.5	3.5	3.5	3.5	3.5	3.5
Filter Size (in)	25 X 25 X 2 (4)	25 X 25 X 2 (4)	25 X 25 X 2 (4)	25 X 25 X 2 (4)	25 X 25 X 2 (4)	25 X 25 X 2 (4)
Drain Size (NPT)	3/4	3/4	3/4	3/4	3/4	3/4
R-32 Refrigerant Charge (oz.)	148/147	148/147	148/147	148/147	148/147	148/147
Evaporator Coil Face Area (ft^2)	19.1	19.1	19.1	19.1	19.1	19.1
Rows Deep/ Fins per Inch	4/16	4/16	4/16	4/16	4/16	4/16
CONDENSER FAN/COIL						
Quantity of Condenser Fan Motors	2	2	2	2	2	2
RPM (High/Low stage)	1150	1150	1150	1150	1150	1150
Outdoor Horsepower	1/3	1/3	1/3	1/3	1/3	1/3
Fan Diameter/ # Fan Blades	22/3	22/3	22/3	22/3	22/3	22/3
Face Area (ft^2)	43.8	43.8	43.8	43.8	43.8	43.8
Rows Deep / Fins per Inch	2/28±1	2/28±1	2/28±1	2/28±1	2/28±1	2/28±1
COMPRESSOR						
Quantity / Type / Stages	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1
Compressor RLA / LRA	19.2/156.5	19.2/156.5	19.2/156.5	9/74.8	9/74.8	9/74.8
ELECTRICAL DATA						
Voltage-Phase-Frequency	208/230-3-60	208/230-3-60	208/230-3-60	460-3-60	460-3-60	460-3-60
Indoor Blower FLA	10.9	10.9	10.9	7.2	7.2	7.2
Max External Static (In. W.C.)	0.8	0.8	0.8	0.8	0.8	0.8
Outdoor Fan FLA	3.5	3.5	3.5	1.6	1.6	1.6
Min. Circuit Ampacity[1]	61.1/61.1	61.1/61.1	61.1/61.1	30.6	30.6	30.6
Max. Overcurrent Protection (A)[2]	80/80	80/80	80/80	35	35	35
Power Supply Conduit Hole Dia. (in)	1.375	1.375	1.375	1.375	1.375	1.375
Low-VoltageConduit Hole Dia. (in)	0.875	0.875	0.875	0.875	0.875	0.875
OPERATING WEIGHT (LBS.)						
Operating Weight (lbs)	1310	1310	1310	1310	1310	1310
SHIPPING WEIGHT (LBS.)						
Ship Weight (lbs)	1368	1368	1368	1368	1368	1368

[1] Wire size should be determined in accordance with National Electrical Codes. Extensive wire runs will require larger wire sizes.
[2] May use fuses or HACR-type circuit breakers of the same size as noted.
Note: Always check the S&R plate for electrical data on the unit being installed.

Model	DHG1507DL00001S	DHG1507DM00001S	DHG1507DH00001S	DHG1503WL00001F	DHG1503WM00001F	DHG1503WH00001F
COOLING CAPACITY						
Total, BTU/h	138,000	138,000	138,000	138,000	138,000	138,000
IEER / EER	16/12	16/12	16/12	16/12	16/12	16/12
AHRI Reference #	216436796	216436796	216436796	216436794	216436794	216436794
HEATING CAPACITY						
Heat Range	LOW	MEDIUM	HIGH	LOW	MEDIUM	HIGH
No. of Burners	5	6	7	5	6	7
High Stage Input / Output (KBTU/H)	130/105.3	180/145.8	240/194.4	130/105.3	180/145.8	240/194.4
Low Stage Input / Output (KBTU/H)	97.5/79	135/109.35	180/145.8	97.5/79	135/109.35	180/145.8
Thermal Efficiency (T.E.)	81%	81%	81%	81%	81%	81%
Annual Fuel Utilization Efficiency (AFUE)	N/A	N/A	N/A	N/A	N/A	N/A
High Stage Temperature Rise Range (°F)	25 - 55	25 - 55	35 - 65	25 - 55	25 - 55	35 - 65
Low Stage Temperature Rise Range (°F)	25 - 55	25 - 55	35 - 65	25 - 55	25 - 55	35 - 65
EVAPORATOR MOTOR COIL						
Motor Type	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE
External Static Pressure (ESP)	STANDARD	STANDARD	STANDARD	HIGH	HIGH	HIGH
Wheel Dia. X Width	Ø15.12 X 15.00	Ø15.12 X 15.00	Ø15.12 X 15.00	Ø15.12 X 15.00	Ø15.12 X 15.00	Ø15.12 X 15.00
Indoor Nominal CFM	3800	3800	3800	3800	3800	3800
RPM	300-1600	300-1600	300-1600	300-1600	300-1600	300-1600
Indoor Horsepower	3.5	3.5	3.5	5.0	5.0	5.0
Filter Size (in)	25 X 25 X 2 (4)	25 X 25 X 2 (4)	25 X 25 X 2 (4)	25 X 25 X 2 (4)	25 X 25 X 2 (4)	25 X 25 X 2 (4)
Drain Size (NPT)	3/4	3/4	3/4	3/4	3/4	3/4
R-32 Refrigerant Charge (oz.)	148/147	148/147	148/147	148/147	148/147	148/147
Evaporator Coil Face Area (ft^2)	19.1	19.1	19.1	19.1	19.1	19.1
Rows Deep/ Fins per Inch	4/16	4/16	4/16	4/16	4/16	4/16
CONDENSER FAN/COIL						
Quantity of Condenser Fan Motors	2	2	2	2	2	2
RPM (High/Low stage)	1150	1150	1150	1150	1150	1150
Outdoor Horsepower	1/3	1/3	1/3	1/3	1/3	1/3
Fan Diameter/ # Fan Blades	22/3	22/3	22/3	22/3	22/3	22/3
Face Area (ft^2)	43.8	43.8	43.8	43.8	43.8	43.8
Rows Deep / Fins per Inch	2/28±1	2/28±1	2/28±1	2/28±1	2/28±1	2/28±1
COMPRESSOR						
Quantity / Type / Stages	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1
Compressor RLA / LRA	7.1/53.9	7.1/53.9	7.1/53.9	19.2/156.5	19.2/156.5	19.2/156.5
ELECTRICAL DATA						
Voltage-Phase-Frequency	575-3-60	575-3-60	575-3-60	208/230-3-60	208/230-3-60	208/230-3-60
Indoor Blower FLA	5	5	5	14.5	14.5	14.5
Max External Static (In. W.C.)	0.8	0.8	0.8	2	2	2
Outdoor Fan FLA	1.54	1.54	1.54	3.5	3.5	3.5
Min. Circuit Ampacity[1]	23.9	23.9	23.9	64.7/64.7	64.7/64.7	64.7/64.7
Max. Overcurrent Protection (A)[2]	30	30	30	80/80	80/80	80/80
Power Supply Conduit Hole Dia. (in)	1.375	1.375	1.375	1.375	1.375	1.375
Low-VoltageConduit Hole Dia. (in)	0.875	0.875	0.875	0.875	0.875	0.875
OPERATING WEIGHT (LBS.)						
Operating Weight (lbs)	1310	1310	1310	1310	1310	1310
SHIPPING WEIGHT (LBS.)						
Ship Weight (lbs)	1368	1368	1368	1368	1368	1368

[1] Wire size should be determined in accordance with National Electrical Codes. Extensive wire runs will require larger wire sizes.
[2] May use fuses or HACR-type circuit breakers of the same size as noted.
Note: Always check the S&R plate for electrical data on the unit being installed.

Model	DHG1504WL00001F	DHG1504WM00001F	DHG1504WH00001F	DHG1507WL00001F	DHG1507WM00001F	DHG1507WH00001F
COOLING CAPACITY						
Total, BTU/h	138,000	138,000	138,000	138,000	138,000	138,000
IEER / EER	16/12	16/12	16/12	16/12	16/12	16/12
AHRI Reference #	216436795	216436795	216436795	216436796	216436796	216436796
HEATING CAPACITY						
Heat Range	LOW	MEDIUM	HIGH	LOW	MEDIUM	HIGH
No. of Burners	5	6	7	5	6	7
High Stage Input / Output (KBTU/H)	130/105.3	180/145.8	240/194.4	130/105.3	180/145.8	240/194.4
Low Stage Input / Output (KBTU/H)	97.5/79	135/109.35	180/145.8	97.5/79	135/109.35	180/145.8
Thermal Efficiency (T.E.)	81%	81%	81%	81%	81%	81%
Annual Fuel Utilization Efficiency (AFUE)	N/A	N/A	N/A	N/A	N/A	N/A
High Stage Temperature Rise Range (°F)	25 - 55	25 - 55	35 - 65	25 - 55	25 - 55	35 - 65
Low Stage Temperature Rise Range (°F)	25 - 55	25 - 55	35 - 65	25 - 55	25 - 55	35 - 65
EVAPORATOR MOTOR COIL						
Motor Type	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE
External Static Pressure (ESP)	HIGH	HIGH	HIGH	HIGH	HIGH	HIGH
Wheel Dia. X Width	Ø15.12 X 15.00	Ø15.12 X 15.00	Ø15.12 X 15.00	Ø15.12 X 15.00	Ø15.12 X 15.00	Ø15.12 X 15.00
Indoor Nominal CFM	3800	3800	3800	3800	3800	3800
RPM	300-1600	300-1600	300-1600	300-1600	300-1600	300-1600
Indoor Horsepower	5.0	5.0	5.0	5.0	5.0	5.0
Filter Size (in)	25 X 25 X 2 (4)	25 X 25 X 2 (4)	25 X 25 X 2 (4)	25 X 25 X 2 (4)	25 X 25 X 2 (4)	25 X 25 X 2 (4)
Drain Size (NPT)	3/4	3/4	3/4	3/4	3/4	3/4
R-32 Refrigerant Charge (oz.)	148/147	148/147	148/147	148/147	148/147	148/147
Evaporator Coil Face Area (ft^2)	19.1	19.1	19.1	19.1	19.1	19.1
Rows Deep/ Fins per Inch	4/16	4/16	4/16	4/16	4/16	4/16
CONDENSER FAN/COIL						
Quantity of Condenser Fan Motors	2	2	2	2	2	2
RPM (High/Low stage)	1150	1150	1150	1150	1150	1150
Outdoor Horsepower	1/3	1/3	1/3	1/3	1/3	1/3
Fan Diameter/ # Fan Blades	22/3	22/3	22/3	22/3	22/3	22/3
Face Area (ft^2)	43.8	43.8	43.8	43.8	43.8	43.8
Rows Deep / Fins per Inch	2/28±1	2/28±1	2/28±1	2/28±1	2/28±1	2/28±1
COMPRESSOR						
Quantity / Type / Stages	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1
Compressor RLA / LRA	9/74.8	9/74.8	9/74.8	7.1/53.9	7.1/53.9	7.1/53.9
ELECTRICAL DATA						
Voltage-Phase-Frequency	460-3-60	460-3-60	460-3-60	575-3-60	575-3-60	575-3-60
Indoor Blower FLA	10.6	10.6	10.6	7.2	7.2	7.2
Max External Static (In. W.C.)	2	2	2	2	2	2
Outdoor Fan FLA	1.6	1.6	1.6	1.54	1.54	1.54
Min. Circuit Ampacity[1]	34.0	34.0	34.0	26.1	26.1	26.1
Max. Overcurrent Protection (A)[2]	40	40	40	30	30	30
Power Supply Conduit Hole Dia. (in)	1.375	1.375	1.375	1.375	1.375	1.375
Low-VoltageConduit Hole Dia. (in)	0.875	0.875	0.875	0.875	0.875	0.875
OPERATING WEIGHT (LBS.)						
Operating Weight (lbs)	1310	1310	1310	1310	1310	1310
SHIPPING WEIGHT (LBS.)						
Ship Weight (lbs)	1368	1368	1368	1368	1368	1368

[1] Wire size should be determined in accordance with National Electrical Codes. Extensive wire runs will require larger wire sizes.
[2] May use fuses or HACR-type circuit breakers of the same size as noted.
Note: Always check the S&R plate for electrical data on the unit being installed.

Coil Dimensions

		Indoor			Outdoor		
Model	Tons	Fin height in.	Fin length in.	Area (Ft^2)	Fin height in.	Fin length in.	Area (Ft^2)
DHG	7.5	34.6	53.1	12.8	47.9	53.1	35.3
	8.5	45.0	53.1	16.6	47.9	53.1	35.3
	10	45.0	53.1	16.6	47.9	59.6	39.6
	12.5	52.0	53.1	19.1	52.9	59.6	43.8

AHRI Ratings

MODEL	CAPACITY	EER	IEER
DHG090	90,000	12.5	17.5
DHG102	102,000	12.5	17.5
DHG120	116,000	12.5	17
DHG150	138,000	12	16

Sound Data

Model	Outdoor sound (dB) at 60 Hz								
	A-Weighted	63	125	250	500	1000	2000	4000	8000
090	81.3	-	67.7	69.8	74.3	76.1	74.7	68.4	60.0
102	81.2	-	70.3	70.6	75.1	76.4	74.4	69.1	60.1
120	81.3	-	68.2	71.6	73.7	76.0	75.8	70.5	60.7
150	85.0	-	75.8	76.4	78.5	78.2	77.7	74.7	70.4

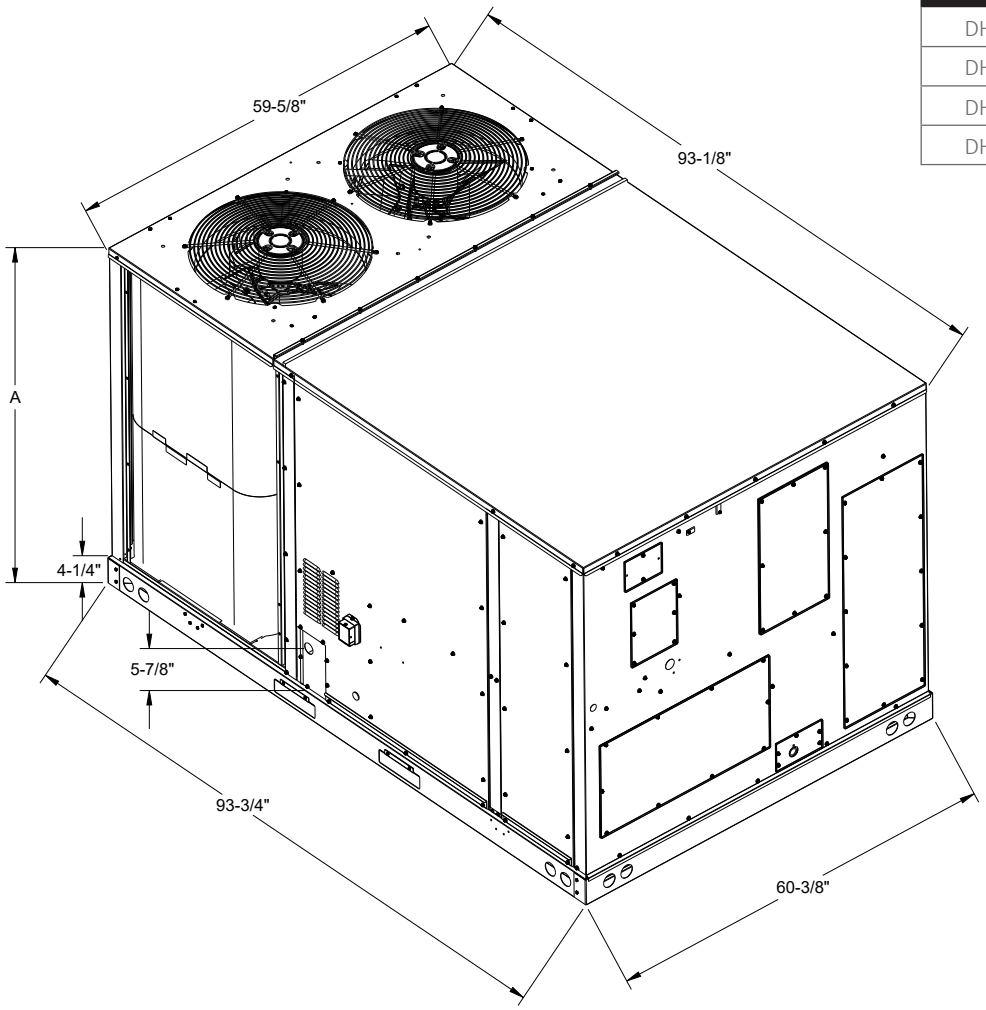
Notes:

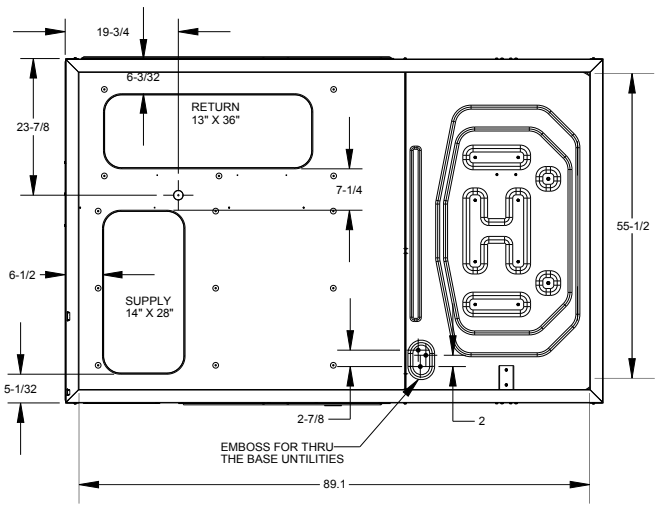
[1] Outdoor sound data is measured in accordance with AHRI standard 230.

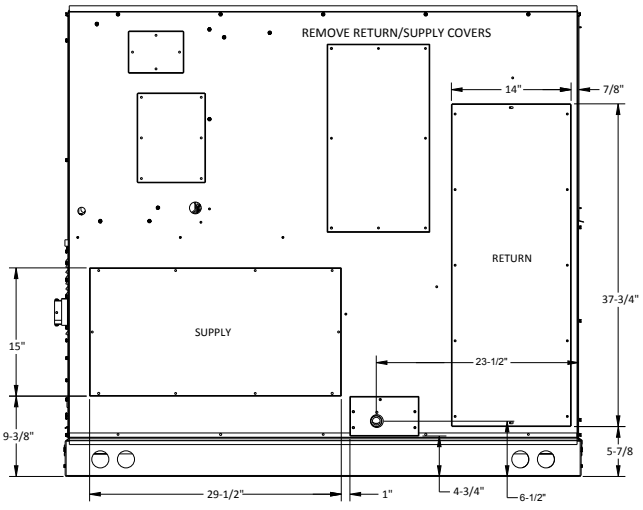
[2] Measurements are expressed in terms of sound power. Do not compare these values to sound pressure values because sound pressure depends on specific environment factors which normally do not match individual applications. Sound power values are independent of the environment and therefore more accurate.

[3] A-weighted sound ratings filter out high and very low frequencies, to better approximate the response of "average" human ear. A-weighted measurements for Daikin units are taken in accordance with AHRI standard 230.

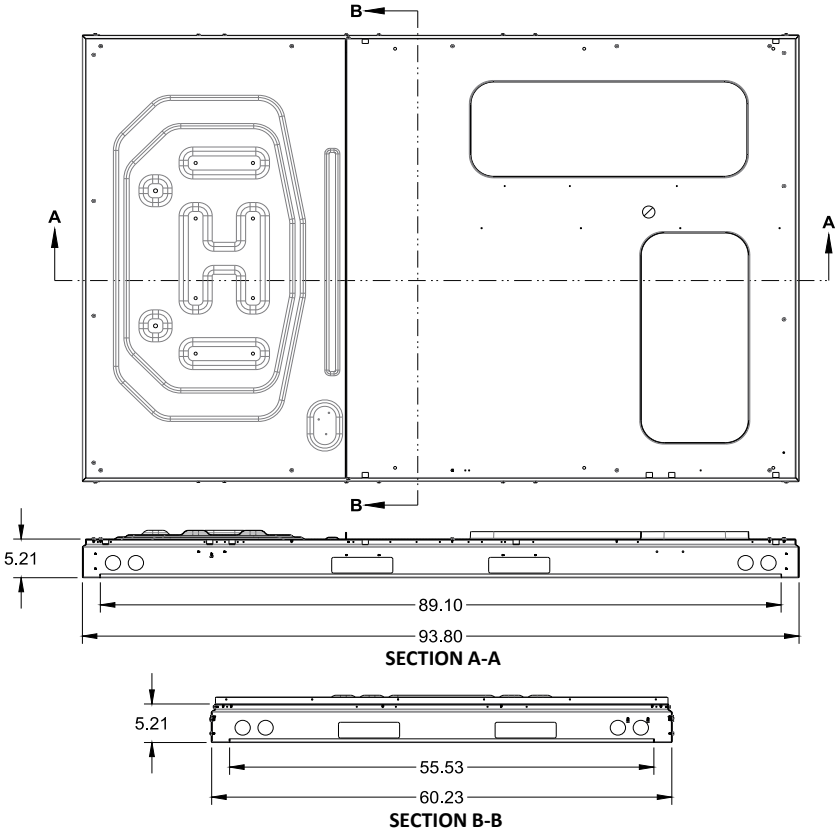
Model Size	DIM "A"
DHG090	54 3/5
DHG102	54 3/5
DHG120	54 3/5
DHG150	58 4/5

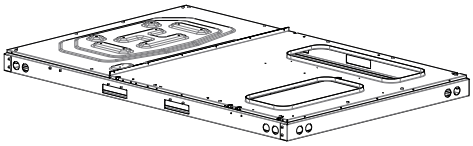


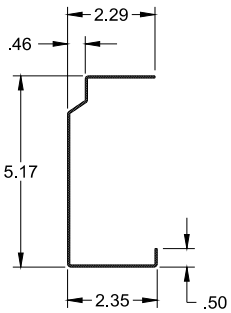


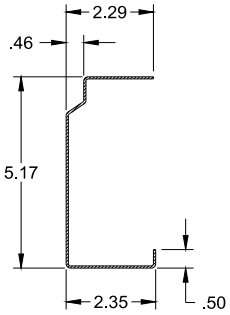


Light Commercial Base Rails









			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
IDB	Airflow	ID WB	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	2625	MBh	91.1	92.4	95.1	-	90.3	91.6	94.3	-	87.9	89.2	91.9	-	83.8	85.1	87.8	-	78.7	80.0	82.8	-	74.1	75.4	78.2	-
		S/T	0.63	0.56	0.44	-	0.63	0.56	0.44	-	0.66	0.59	0.46	-	0.68	0.61	0.47	-	0.71	0.64	0.50	-	0.80	0.72	0.57	-
		ΔT	19.75	17.92	14.51	-	19.70	17.87	14.46	-	19.95	18.13	14.72	-	19.68	17.85	14.44	-	19.43	17.61	14.20	-	20.58	18.75	15.34	-
		kW	5.29	5.29	5.28	-	5.88	5.87	5.86	-	6.53	6.53	6.52	-	7.24	7.23	7.22	-	8.03	8.02	8.01	-	8.96	8.95	8.94	-
		Amps	20.02	20.00	19.95	-	22.70	22.68	22.63	-	25.69	25.67	25.63	-	28.93	28.91	28.86	-	32.55	32.53	32.48	-	36.79	36.77	36.73	-
		Hi PR	248	249	251	-	287	288	290	-	328	329	331	-	372	373	375	-	419	420	422	-	470	471	473	-
		Lo PR	128	130	133	-	136	138	141	-	143	144	148	-	149	148	154	-	154	156	158	-	161	163	166	-
	3000	MBh	92.3	93.6	96.3	-	91.5	92.8	95.5	-	89.1	90.4	93.1	-	85.0	86.3	89.0	-	79.9	81.2	84.0	-	75.4	76.6	79.4	-
		S/T	0.67	0.59	0.46	-	0.67	0.60	0.46	-	0.70	0.62	0.48	-	0.72	0.64	0.49	-	0.76	0.67	0.51	-	0.85	0.76	0.59	-
		ΔT	18.64	16.82	13.41	-	18.59	16.77	13.36	-	18.85	17.02	13.61	-	18.57	16.75	13.34	-	18.33	16.50	13.09	-	19.47	17.65	14.24	-
		kW	5.32	5.32	5.31	-	5.91	5.90	5.89	-	6.56	6.56	6.55	-	7.27	7.26	7.25	-	8.06	8.05	8.04	-	8.99	8.98	8.97	-
		Amps	20.16	20.14	20.09	-	22.84	22.82	22.77	-	25.83	25.81	25.76	-	29.07	29.05	29.00	-	32.69	32.67	32.62	-	36.93	36.91	36.86	-
		Hi PR	250	251	253	-	289	290	292	-	330	331	333	-	374	375	377	-	422	423	424	-	472	473	475	-
		Lo PR	130	132	135	-	138	140	143	-	145	146	150	-	151	151	155	-	156	158	161	-	163	165	168	-
	3375	MBh	93.7	95.0	97.8	-	92.9	94.2	96.9	-	90.5	91.8	94.6	-	86.4	87.7	90.4	-	81.4	82.7	85.4	-	76.8	78.1	80.8	-
		S/T	0.70	0.62	0.47	-	0.71	0.62	0.48	-	0.73	0.65	0.50	-	0.76	0.67	0.51	-	0.79	0.70	0.53	-	0.90	0.79	0.61	-
		ΔT	17.71	15.89	12.48	-	17.66	15.84	12.43	-	17.92	16.09	12.68	-	17.65	15.82	12.41	-	17.40	15.58	12.17	-	18.54	16.72	13.31	-
		kW	5.35	5.34	5.33	-	5.93	5.93	5.92	-	6.59	6.58	6.57	-	7.29	7.29	7.28	-	8.08	8.08	8.07	-	9.01	9.01	9.00	-
		Amps	20.28	20.25	20.21	-	22.96	22.93	22.89	-	25.95	25.93	25.88	-	29.19	29.17	29.12	-	32.80	32.78	32.74	-	37.05	37.03	36.98	-
		Hi PR	252	253	255	-	291	292	294	-	332	333	335	-	376	377	379	-	424	425	426	-	474	475	477	-
		Lo PR	132	134	137	-	140	142	145	-	147	148	152	-	149	154	158	-	158	160	163	-	165	167	170	-
75	2625	MBh	91.6	92.9	95.6	99.8	90.8	92.1	94.8	99.0	88.4	89.7	92.4	96.6	84.3	85.6	88.3	92.5	79.3	80.6	83.3	87.5	74.7	76.0	78.7	82.9
		S/T	0.75	0.68	0.56	0.4	0.75	0.69	0.56	0.4	0.78	0.71	0.59	0.5	0.81	0.74	0.60	0.5	0.85	0.78	0.63	0.5	0.95	0.87	0.71	0.6
		ΔT	23.76	21.93	18.53	15.0	23.71	21.88	18.48	14.9	23.97	22.14	18.73	15.2	23.69	21.87	18.46	14.9	23.45	21.62	18.21	14.7	24.59	22.77	19.36	15.8
		kW	5.29	5.28	5.27	5.3	5.87	5.87	5.86	5.9	6.53	6.52	6.51	6.6	7.23	7.23	7.22	7.3	8.02	8.02	8.01	8.1	8.95	8.95	8.94	9.0
		Amps	20.00	19.98	19.94	20.1	22.68	22.66	22.62	22.8	25.68	25.65	25.61	25.8	28.91	28.89	28.85	29.1	32.53	32.51	32.46	32.7	36.78	36.75	36.71	36.9
		Hi PR	248	249	251	255.1	287	288	290	294.2	328	329	331	335.1	372	373	375	379.2	420	421	422	426.8	470	471	473	477.5
		Lo PR	128	130	133	138.6	136	138	141	146.4	139	145	148	153.2	140	150	154	159.0	154	156	159	164.7	161	163	166	167.9
	3000	MBh	92.8	94.1	96.8	101.0	92.0	93.3	96.0	100.2	89.6	90.9	93.6	97.8	85.5	86.8	89.5	93.7	80.5	81.8	84.5	88.7	75.9	77.2	79.9	84.1
		S/T	0.81	0.73	0.59	0.5	0.81	0.74	0.60	0.5	0.84	0.76	0.62	0.5	0.87	0.79	0.64	0.5	0.92	0.83	0.67	0.5	1.00	0.93	0.75	0.6
		ΔT	22.66	20.83	17.42	13.9	22.61	20.78	17.37	13.8	22.86	21.04	17.63	14.1	22.59	20.76	17.35	13.8	22.35	20.52	17.11	13.6	22.99	21.66	18.25	14.7
		kW	5.32	5.31	5.30	5.3	5.90	5.90	5.89	5.9	6.56	6.55	6.54	6.6	7.26	7.26	7.25	7.3	8.05	8.05	8.04	8.1	8.98	8.98	8.97	9.0
		Amps	20.14	20.12	20.07	20.3	22.82	22.80	22.76	23.0	25.81	25.79	25.75	26.0	29.05	29.03	28.99	29.2	32.67	32.65	32.60	32.8	36.91	36.89	36.85	37.1
		Hi PR	250	251	253	257.2	289	290	292	296.3	330	331	333	337.2	374	375	377	381.3	422	423	425	428.9	472	474	475	479.6
		Lo PR	130	132	135	140.5	138	140	143	148.3	140	146	150	155.1	139	152	155	160.9	156	155	161	166.6	148	165	168	171.1
	3375	MBh	94.3	95.6	98.3	102.5	93.4	94.7	97.5	101.7	91.1	92.3	95.1	99.3	86.9	88.2	91.0	95.1	81.9	83.2	85.9	90.1	77.3	78.6	81.4	85.5
		S/T	0.86	0.77	0.62	0.5	0.86	0.78	0.63	0.5	0.89	0.81	0.65	0.5	0.92	0.83	0.67	0.5	0.97	0.87	0.70	0.5	1.00	0.98	0.79	0.6
		ΔT	21.73	19.90	16.49	13.0	21.68	19.85	16.44	12.9	21.94	20.11	16.70	13.2	21.66	19.83	16.42	12.9	21.42	19.59	16.18	12.6	20.83	20.73	17.32	13.8
		kW	5.34	5.34	5.33	5.4	5.93	5.92	5.91	6.0	6.58	6.58	6.57	6.6	7.29	7.29	7.28	7.3	8.08	8.08	8.07	8.1	9.01	9.00	8.99	9.0
		Amps	20.26	20.24	20.19	20.4	22.94	22.92	22.87	23.1	25.93	25.91	25.86	26.1	29.17	29.15	29.10	29.3	32.79	32.77	32.72	32.9	37.03	37.01	36.96	37.2
		Hi PR	252	253	255	259.2	291	292	294	298.3	332	333	335	339.3	376	377	379	383.4	424	425	427	430.9	475	476	477	481.6
		Lo PR	132	134	137	142.6	139	142	145	150.4	139	148	152	157.2	140	154	158	163.0	158	157	163	168.7	165	167	170	174.5

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects ACCA (TVA) conditions

kW = Total system power

High and low pressures are measured at the liquid and suction access fittings.

Amps: Unit amps (comp.+ evaporator + condenser fan motors)

Design Subcooling, 16 - 19 °F @ the liquid access fitting connection ARI 95 test conditions. Design Superheat 8 - 12°F @ the compressor suction access fitting connection.

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
IDB	Airflow	ID WB	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	2625	MBh	92.1	93.4	96.1	100.3	91.3	92.6	95.3	99.5	88.9	90.2	92.9	97.1	84.8	86.1	88.8	93.0	79.7	81.0	83.8	87.9	75.2	76.4	79.2	83.4
		S/T	0.87	0.80	0.68	0.5	0.88	0.81	0.68	0.6	0.91	0.84	0.71	0.6	0.94	0.87	0.73	0.6	1.00	0.91	0.77	0.6	1.00	1.00	0.85	0.7
		ΔT	27.80	25.98	22.57	19.0	27.75	25.93	22.52	19.0	28.01	26.18	22.77	19.2	27.73	25.91	22.50	19.0	27.49	25.66	22.25	18.7	26.03	26.47	23.40	19.9
		kW	5.29	5.29	5.28	5.3	5.88	5.87	5.86	5.9	6.53	6.52	6.51	6.6	7.24	7.23	7.22	7.3	8.03	8.02	8.01	8.1	8.95	8.95	8.94	9.0
		Amps	20.02	20.00	19.95	20.2	22.70	22.68	22.63	22.8	25.69	25.67	25.62	25.8	28.93	28.91	28.86	29.1	32.54	32.52	32.48	32.7	36.79	36.77	36.72	36.9
		Hi PR	248	249	251	255.5	287	289	290	294.6	328	330	331	335.6	373	374	375	379.7	420	421	423	427.2	471	472	474	477.9
		Lo PR	128	130	134	139.2	128	138	142	147.0	128	145	148	153.8	149	151	154	159.6	155	153	160	165.3	162	153	167	171.1
	3000	MBh	93.3	94.6	97.3	101.5	92.5	93.8	96.5	100.7	90.1	91.4	94.1	98.3	86.0	87.3	90.0	94.2	80.9	82.2	85.0	89.2	76.4	77.6	80.4	84.6
		S/T	0.94	0.87	0.73	0.6	0.95	0.87	0.73	0.6	0.99	0.91	0.76	0.6	1.00	0.94	0.78	0.6	1.00	0.99	0.82	0.7	1.00	1.00	0.92	0.7
		ΔT	26.70	24.87	21.46	17.9	26.65	24.82	21.41	17.9	26.91	25.08	21.67	18.1	26.05	24.81	21.40	17.9	24.53	24.56	21.15	17.6	23.14	23.53	22.30	18.8
		kW	5.32	5.32	5.31	5.4	5.91	5.90	5.89	5.9	6.56	6.56	6.55	6.6	7.27	7.26	7.25	7.3	8.06	8.05	8.04	8.1	8.99	8.98	8.97	9.0
		Amps	20.16	20.13	20.09	20.3	22.84	22.82	22.77	23.0	25.83	25.81	25.76	26.0	29.07	29.05	29.00	29.2	32.68	32.66	32.62	32.8	36.93	36.91	36.86	37.1
		Hi PR	250	252	253	257.6	290	291	292	296.7	331	332	333	337.7	375	376	377	381.8	422	423	425	429.3	473	474	476	480.1
		Lo PR	128	132	136	141.1	128	140	143	148.9	145	147	150	155.7	152	151	156	161.5	157	152	162	167.2	164	160	169	174.3
	3375	MBh	94.7	96.0	98.8	102.9	93.9	95.2	97.9	102.1	91.5	92.8	95.6	99.7	87.4	88.7	91.4	95.6	82.4	83.7	86.4	90.6	77.8	79.1	81.8	86.0
		S/T	1.00	0.93	0.77	0.6	1.00	0.93	0.78	0.6	1.00	0.97	0.81	0.6	1.00	1.00	0.83	0.7	1.00	1.00	0.87	0.7	1.00	1.00	0.97	0.8
		ΔT	25.52	23.95	20.54	17.0	25.30	23.90	20.49	17.0	24.65	24.15	20.74	17.2	23.55	23.88	20.47	16.9	22.19	22.54	20.22	16.7	20.96	21.30	21.37	17.8
		kW	5.35	5.34	5.33	5.4	5.93	5.93	5.92	6.0	6.59	6.58	6.57	6.6	7.29	7.29	7.28	7.3	8.08	8.08	8.07	8.1	9.01	9.01	9.00	9.0
		Amps	20.27	20.25	20.21	20.4	22.95	22.93	22.89	23.1	25.94	25.92	25.88	26.1	29.18	29.16	29.12	29.3	32.80	32.78	32.73	32.9	37.04	37.02	36.98	37.2
		Hi PR	253	254	255	259.7	292	293	294	298.8	333	334	335	339.7	377	378	379	383.8	424	425	427	431.4	475	476	478	482.1
		Lo PR	133	134	138	143.2	141	142	145	151.0	147	149	152	157.8	153	152	158	163.6	159	161	164	169.2	166	167	167	176.3
85	**2625**	MBh	93.6	94.9	97.7	101.8	92.8	94.1	96.8	101.0	90.4	91.7	94.5	98.6	86.3	87.6	90.3	94.5	81.3	82.6	85.3	89.5	76.7	78.0	80.7	84.9
		S/T	0.97	0.90	0.77	0.6	0.97	0.91	0.78	0.6	1.00	0.94	0.81	0.7	1.00	0.97	0.83	0.7	1.00	1.00	0.87	0.7	1.00	1.00	0.97	0.8
		ΔT	31.39	29.56	26.15	22.6	31.34	29.51	26.10	22.6	31.32	29.77	26.36	22.8	29.89	29.49	26.08	22.6	28.15	28.60	25.84	22.3	26.56	27.01	26.98	23.5
		kW	5.30	5.30	5.29	5.3	5.89	5.88	5.87	5.9	6.54	6.54	6.53	6.6	7.25	7.24	7.23	7.3	8.04	8.03	8.02	8.1	8.97	8.96	8.95	9.0
		Amps	20.07	20.05	20.00	20.2	22.75	22.73	22.68	22.9	25.74	25.72	25.67	25.9	28.98	28.96	28.91	29.1	32.60	32.58	32.53	32.7	36.84	36.82	36.77	37.0
		Hi PR	250	251	252	256.7	289	290	291	295.8	330	331	332	336.7	374	375	377	380.8	421	422	424	428.4	472	473	475	479.1
		Lo PR	131	132	136	141.1	139	140	143	148.9	147	142	150	155.7	151	141	156	161.5	157	158	162	167.2	164	166	169	174.3
	3000	MBh	94.8	96.1	98.9	103.0	94.0	95.3	98.0	102.2	91.6	92.9	95.7	99.8	87.5	88.8	91.5	95.7	82.5	83.8	86.5	90.7	77.9	79.2	81.9	86.1
		S/T	1.00	0.98	0.84	0.7	1.00	0.98	0.84	0.7	1.00	1.00	0.87	0.7	1.00	1.00	0.90	0.7	1.00	1.00	0.94	0.8	1.00	1.00	1.00	0.9
		ΔT	28.74	28.46	25.05	21.5	28.49	28.41	25.00	21.5	27.77	28.16	25.26	21.7	26.52	26.91	24.98	21.4	25.00	25.39	24.74	21.2	23.61	24.00	24.83	22.3
		kW	5.33	5.33	5.32	5.4	5.92	5.91	5.90	5.9	6.57	6.57	6.56	6.6	7.28	7.27	7.26	7.3	8.07	8.06	8.05	8.1	9.00	8.99	8.98	9.0
		Amps	20.21	20.19	20.14	20.3	22.89	22.87	22.82	23.0	25.88	25.86	25.81	26.0	29.12	29.10	29.05	29.3	32.74	32.71	32.67	32.9	36.98	36.96	36.91	37.1
		Hi PR	252	253	254	258.8	291	292	294	297.9	332	333	335	338.8	376	377	379	382.9	423	424	426	430.5	474	475	477	481.2
		Lo PR	134	134	138	143.0	140	142	145	150.8	147	149	152	157.6	153	155	158	163.4	159	160	164	169.1	166	167	171	176.2
	3375	MBh	96.3	97.6	100.3	104.5	95.5	96.8	99.5	103.7	93.1	94.4	97.1	101.3	89.0	90.3	93.0	97.2	83.9	85.2	88.0	92.1	79.3	80.6	83.4	87.5
		S/T	1.00	1.00	0.89	0.7	1.00	1.00	0.90	0.7	1.00	1.00	0.93	0.8	1.00	1.00	0.96	0.8	1.00	1.00	1.00	0.8	1.00	1.00	1.00	0.9
		ΔT	25.93	26.28	24.12	20.6	25.71	26.06	24.07	20.5	25.07	25.42	24.33	20.8	23.96	24.31	24.05	20.5	22.61	22.96	23.69	20.3	21.37	21.72	22.46	21.4
		kW	5.36	5.35	5.34	5.4	5.94	5.94	5.93	6.0	6.60	6.59	6.58	6.6	7.30	7.30	7.29	7.3	8.09	8.09	8.08	8.1	9.02	9.02	9.01	9.1
		Amps	20.32	20.30	20.26	20.5	23.00	22.98	22.94	23.1	26.00	25.98	25.93	26.1	29.23	29.21	29.17	29.4	32.85	32.83	32.78	33.0	37.10	37.08	37.03	37.2
		Hi PR	254	255	257	260.8	293	294	296	299.9	334	335	337	340.9	378	379	381	385.0	425	426	428	432.5	476	477	479	483.3
		Lo PR	135	136	140	145.1	143	144	147	152.9	149	151	154	159.7	155	157	160	165.5	161	162	167	171.2	168	170	174	178.3

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects ACCA (TVA) conditions

kW = Total system power

High and low pressures are measured at the liquid and suction access fittings.

Amps: Unit amps (comp.+ evaporator + condenser fan motors)

Design Subcooling, 16 - 19 °F @ the liquid access fitting connection ARI 95 test conditions. Design Superheat 8 - 12°F @ the compressor suction access fitting connection.

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
IDB	Airflow	ID WB	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	2800	MBh	103.9	105.3	108.4	-	102.9	104.4	107.5	-	100.2	101.7	104.8	-	95.6	97.0	100.1	-	89.9	91.3	94.4	-	84.7	86.1	89.2	-
		S/T	0.58	0.52	0.40	-	0.58	0.52	0.41	-	0.61	0.54	0.42	-	0.63	0.56	0.44	-	0.66	0.59	0.45	-	0.74	0.66	0.52	-
		ΔT	19.55	17.70	14.24	-	19.50	17.65	14.19	-	19.76	17.91	14.45	-	19.48	17.63	14.17	-	19.23	17.38	13.92	-	20.39	18.54	15.08	-
		kW	5.91	5.91	5.89	-	6.61	6.60	6.59	-	7.38	7.38	7.36	-	8.22	8.21	8.20	-	9.16	9.15	9.14	-	10.26	10.25	10.24	-
		Amps	22.98	22.95	22.90	-	26.15	26.13	26.07	-	29.70	29.68	29.62	-	33.54	33.52	33.46	-	37.83	37.81	37.75	-	42.87	42.84	42.79	-
		Hi PR	254	255	256	-	293	295	296	-	335	336	338	-	380	381	383	-	429	430	432	-	480	482	483	-
		Lo PR	125	126	130	-	132	134	137	-	139	141	144	-	145	146	149	-	150	152	155	-	157	159	162	-
	3025	MBh	104.7	106.1	109.2	-	103.7	105.2	108.3	-	101.0	102.5	105.6	-	96.4	97.8	100.9	-	90.7	92.1	95.2	-	85.5	86.9	90.0	-
		S/T	0.60	0.53	0.41	-	0.60	0.54	0.42	-	0.63	0.56	0.44	-	0.65	0.58	0.45	-	0.68	0.60	0.46	-	0.77	0.69	0.53	-
		ΔT	18.91	17.06	13.60	-	18.86	17.01	13.55	-	19.12	17.27	13.81	-	18.84	16.99	13.53	-	18.59	16.74	13.28	-	19.75	17.90	14.44	-
		kW	5.93	5.93	5.91	-	6.63	6.62	6.61	-	7.40	7.40	7.38	-	8.24	8.24	8.22	-	9.18	9.17	9.16	-	10.28	10.27	10.26	-
		Amps	23.07	23.04	22.99	-	26.25	26.22	26.17	-	29.80	29.77	29.72	-	33.64	33.61	33.56	-	37.93	37.90	37.85	-	42.96	42.93	42.88	-
		Hi PR	255	256	258	-	295	296	298	-	336	338	339	-	381	383	384	-	430	431	433	-	482	483	485	-
		Lo PR	126	128	131	-	134	135	138	-	140	142	145	-	146	147	150	-	151	153	156	-	158	160	163	-
	3600	MBh	107.3	108.7	111.8	-	106.3	107.8	110.9	-	103.6	105.1	108.2	-	99.0	100.4	103.5	-	93.3	94.7	97.8	-	88.1	89.5	92.6	-
		S/T	0.65	0.57	0.43	-	0.65	0.57	0.43	-	0.68	0.60	0.45	-	0.70	0.62	0.46	-	0.73	0.64	0.48	-	0.83	0.73	0.56	-
		ΔT	17.52	15.67	12.21	-	17.47	15.62	12.16	-	17.73	15.88	12.42	-	17.45	15.60	12.14	-	17.21	15.35	11.90	-	18.37	16.51	13.06	-
		kW	5.98	5.97	5.96	-	6.67	6.67	6.65	-	7.45	7.44	7.43	-	8.29	8.28	8.27	-	9.22	9.22	9.21	-	10.32	10.32	10.31	-
		Amps	23.27	23.25	23.19	-	26.45	26.43	26.37	-	30.00	29.97	29.92	-	33.84	33.81	33.76	-	38.13	38.10	38.05	-	43.16	43.14	43.08	-
		Hi PR	258	259	261	-	298	299	301	-	340	341	343	-	385	386	388	-	433	434	436	-	485	486	488	-
		Lo PR	129	131	134	-	137	138	141	-	143	145	148	-	149	151	154	-	154	156	159	-	161	163	166	-
75	2800	MBh	104.4	105.8	108.9	113.7	103.4	104.9	108.0	112.7	100.7	102.2	105.3	110.0	96.1	97.5	100.6	105.4	90.4	91.8	94.9	99.7	85.2	86.6	89.7	94.5
		S/T	0.70	0.63	0.52	0.4	0.70	0.64	0.52	0.4	0.73	0.66	0.54	0.4	0.76	0.69	0.56	0.4	0.79	0.72	0.58	0.4	0.88	0.80	0.66	0.5
		ΔT	23.62	21.77	18.31	14.7	23.57	21.72	18.26	14.7	23.83	21.98	18.52	14.9	23.55	21.70	18.24	14.7	23.30	21.45	17.99	14.4	24.46	22.61	19.15	15.6
		kW	5.91	5.90	5.89	5.9	6.60	6.60	6.58	6.6	7.38	7.37	7.36	7.4	8.22	8.21	8.20	8.3	9.15	9.15	9.14	9.2	10.25	10.25	10.24	10.3
		Amps	22.95	22.93	22.88	23.1	26.13	26.11	26.05	26.3	29.68	29.66	29.60	29.8	33.52	33.50	33.44	33.7	37.81	37.79	37.73	38.0	42.84	42.82	42.77	43.0
		Hi PR	254	255	257	261.1	294	295	297	300.9	335	337	338	342.7	380	382	383	387.7	429	430	432	436.2	481	482	484	487.9
		Lo PR	125	126	130	134.9	133	134	137	142.5	139	141	144	149.1	140	146	149	154.7	150	152	155	160.2	157	159	162	167.1
	3025	MBh	105.2	106.7	109.8	114.5	104.3	105.7	108.8	113.6	101.6	103.0	106.1	110.9	96.9	98.4	101.5	106.2	91.2	92.7	95.8	100.5	86.0	87.5	90.6	95.3
		S/T	0.73	0.66	0.54	0.4	0.73	0.66	0.54	0.4	0.76	0.69	0.56	0.4	0.79	0.71	0.58	0.4	0.83	0.75	0.60	0.5	0.92	0.84	0.68	0.5
		ΔT	22.98	21.13	17.67	14.1	22.93	21.08	17.62	14.0	23.19	21.34	17.88	14.3	22.91	21.06	17.60	14.0	22.67	20.81	17.36	13.8	23.83	21.97	18.51	14.9
		kW	5.93	5.92	5.91	6.0	6.62	6.62	6.60	6.7	7.40	7.39	7.38	7.4	8.24	8.23	8.22	8.3	9.17	9.17	9.16	9.2	10.27	10.27	10.26	10.3
		Amps	23.05	23.02	22.97	23.2	26.23	26.20	26.15	26.4	29.78	29.75	29.70	29.9	33.62	33.59	33.54	33.8	37.91	37.88	37.83	38.1	42.94	42.91	42.86	43.1
		Hi PR	255	256	258	262.3	295	296	298	302.2	337	338	340	344.0	382	383	385	389.0	430	431	433	437.4	482	483	485	489.2
		Lo PR	126	128	131	136.0	134	135	138	143.6	139	142	145	150.2	139	147	151	155.8	151	153	156	161.3	158	160	163	168.2
	3600	MBh	107.8	109.3	112.4	117.1	106.9	108.4	111.5	116.2	104.2	105.6	108.7	113.5	99.5	101.0	104.1	108.8	93.8	95.3	98.4	103.1	88.6	90.1	93.2	97.9
		S/T	0.79	0.72	0.57	0.4	0.80	0.72	0.58	0.4	0.83	0.75	0.60	0.5	0.86	0.77	0.62	0.5	0.90	0.81	0.64	0.5	1.00	0.91	0.73	0.5
		ΔT	21.60	19.74	16.29	12.7	21.55	19.69	16.23	12.7	21.81	19.95	16.49	12.9	21.53	19.67	16.22	12.6	21.28	19.43	15.97	12.4	22.38	20.59	17.13	13.5
		kW	5.97	5.97	5.95	6.0	6.67	6.66	6.65	6.7	7.44	7.44	7.42	7.5	8.28	8.28	8.26	8.3	9.22	9.21	9.20	9.3	10.32	10.31	10.30	10.4
		Amps	23.25	23.23	23.17	23.4	26.43	26.41	26.35	26.6	29.98	29.95	29.90	30.1	33.82	33.79	33.74	34.0	38.11	38.08	38.03	38.3	43.14	43.12	43.06	43.3
		Hi PR	258	259	261	265.5	298	299	301	305.4	340	341	343	347.2	385	386	388	392.1	433	434	436	440.6	485	486	488	492.4
		Lo PR	129	131	134	139.2	137	138	141	146.8	140	145	148	153.4	139	151	154	159.0	155	156	159	164.5	161	163	166	171.4

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects ACCA (TVA) conditions

kW = Total system power

High and low pressures are measured at the liquid and suction access fittings.

Amps: Unit amps (comp.+ evaporator + condenser fan motors)

Design Subcooling, 16 - 19 °F @ the liquid access fitting connection ARI 95 test conditions. Design Superheat 8 - 12°F @ the compressor suction access fitting connection.

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
IDB	Airflow	ID WB	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	2800	MBh	104.9	106.4	109.5	114.2	104.0	105.4	108.5	113.3	101.3	102.7	105.8	110.6	96.6	98.1	101.2	105.9	90.9	92.4	95.5	100.2	85.7	87.2	90.3	95.0
		S/T	0.81	0.75	0.63	0.5	0.82	0.75	0.63	0.5	0.85	0.78	0.66	0.5	0.88	0.81	0.68	0.5	0.93	0.85	0.71	0.6	1.00	0.94	0.79	0.6
		ΔT	27.72	25.87	22.41	18.8	27.67	25.82	22.36	18.8	27.93	26.08	22.62	19.0	27.65	25.80	22.34	18.8	27.41	25.55	22.09	18.5	27.82	26.71	23.25	19.7
		kW	5.91	5.91	5.89	5.9	6.61	6.60	6.59	6.6	7.38	7.38	7.36	7.4	8.22	8.21	8.20	8.3	9.16	9.15	9.14	9.2	10.26	10.25	10.24	10.3
		Amps	22.97	22.95	22.89	23.1	26.15	26.13	26.07	26.3	29.70	29.67	29.62	29.9	33.54	33.51	33.46	33.7	37.83	37.80	37.75	38.0	42.86	42.84	42.78	43.0
		Hi PR	254	255	257	261.5	294	295	297	301.4	336	337	339	343.2	381	382	384	388.2	429	430	432	436.7	481	482	484	488.4
		Lo PR	126	127	130	135.5	128	135	138	143.0	128	141	144	149.7	145	147	150	155.3	151	152	155	160.7	158	159	162	167.6
	3025	MBh	105.7	107.2	110.3	115.0	104.8	106.3	109.4	114.1	102.1	103.6	106.7	111.4	97.4	98.9	102.0	106.7	91.7	93.2	96.3	101.0	86.5	88.0	91.1	95.8
		S/T	0.85	0.78	0.66	0.5	0.86	0.79	0.66	0.5	0.89	0.82	0.69	0.5	0.92	0.85	0.71	0.6	0.97	0.89	0.74	0.6	1.00	0.99	0.83	0.7
		ΔT	27.08	25.23	21.77	18.2	27.03	25.18	21.72	18.1	27.29	25.44	21.98	18.4	27.01	25.16	21.70	18.1	26.77	24.91	21.46	17.9	26.01	26.07	22.62	19.0
		kW	5.93	5.93	5.91	6.0	6.63	6.62	6.61	6.7	7.40	7.40	7.38	7.4	8.24	8.23	8.22	8.3	9.18	9.17	9.16	9.2	10.28	10.27	10.26	10.3
		Amps	23.07	23.04	22.99	23.2	26.24	26.22	26.16	26.4	29.79	29.77	29.71	30.0	33.63	33.61	33.55	33.8	37.92	37.90	37.84	38.1	42.96	42.93	42.88	43.1
		Hi PR	256	257	258	262.8	295	296	298	302.7	337	338	340	344.4	382	383	385	389.4	431	432	434	437.9	482	483	485	489.7
		Lo PR	127	128	131	136.6	128	136	139	144.1	141	142	145	150.8	146	148	151	156.4	127	152	157	161.9	159	160	163	168.7
	3600	MBh	108.4	109.8	112.9	117.7	107.4	108.9	112.0	116.7	104.7	106.2	109.3	114.0	100.1	101.5	104.6	109.4	94.4	95.8	98.9	103.7	89.2	90.6	93.7	98.5
		S/T	0.94	0.86	0.71	0.6	0.95	0.87	0.72	0.6	0.98	0.90	0.75	0.6	1.00	0.93	0.77	0.6	1.00	0.97	0.80	0.6	1.00	1.00	0.90	0.7
		ΔT	25.70	23.84	20.39	16.8	25.65	23.79	20.34	16.8	25.91	24.05	20.60	17.0	25.27	23.77	20.32	16.7	23.83	23.53	20.07	16.5	22.51	22.88	21.23	17.6
		kW	5.98	5.97	5.96	6.0	6.67	6.66	6.65	6.7	7.45	7.44	7.43	7.5	8.28	8.28	8.27	8.3	9.22	9.22	9.20	9.3	10.32	10.32	10.30	10.4
		Amps	23.27	23.24	23.19	23.4	26.45	26.42	26.37	26.6	30.00	29.97	29.92	30.2	33.84	33.81	33.76	34.0	38.13	38.10	38.05	38.3	43.16	43.13	43.08	43.3
		Hi PR	259	260	262	266.0	299	300	301	305.9	340	341	343	347.6	385	386	388	392.6	434	435	437	441.1	486	487	488	492.9
		Lo PR	127	131	134	139.8	127	139	142	147.3	127	145	149	153.9	150	151	154	159.5	155	153	160	165.0	162	162	167	171.9
85	2800	MBh	106.6	108.1	111.2	115.9	105.7	107.2	110.3	115.0	103.0	104.5	107.6	112.3	98.3	99.8	102.9	107.6	92.6	94.1	97.2	101.9	87.4	88.9	92.0	96.7
		S/T	0.91	0.84	0.72	0.6	0.91	0.85	0.73	0.6	0.94	0.88	0.75	0.6	0.98	0.91	0.78	0.6	1.00	0.96	0.82	0.7	1.00	1.00	0.90	0.7
		ΔT	31.36	29.51	26.05	22.5	31.31	29.46	26.00	22.4	31.57	29.72	26.26	22.7	31.29	29.44	25.98	22.4	30.08	29.19	25.73	22.1	28.39	28.87	26.89	23.3
		kW	5.92	5.92	5.91	6.0	6.62	6.61	6.60	6.7	7.39	7.39	7.38	7.4	8.23	8.23	8.22	8.3	9.17	9.16	9.15	9.2	10.27	10.26	10.25	10.3
		Amps	23.03	23.01	22.95	23.2	26.21	26.19	26.13	26.4	29.76	29.73	29.68	29.9	33.60	33.57	33.52	33.8	37.89	37.86	37.81	38.1	42.92	42.90	42.84	43.1
		Hi PR	255	257	258	262.7	295	296	298	302.6	337	338	340	344.4	382	383	385	389.3	431	432	433	437.8	482	483	485	489.6
		Lo PR	127	129	132	137.3	135	136	140	144.9	142	142	146	151.5	115	142	152	157.1	153	141	157	162.6	160	161	164	169.5
	3025	MBh	107.5	108.9	112.0	116.8	106.6	108.0	111.1	115.9	103.8	105.3	108.4	113.1	99.2	100.6	103.7	108.5	93.5	95.0	98.1	102.8	88.3	89.7	92.8	97.6
		S/T	0.95	0.88	0.75	0.6	0.96	0.89	0.76	0.6	0.99	0.92	0.79	0.6	1.00	0.95	0.81	0.7	1.00	1.00	0.85	0.7	1.00	1.00	0.94	0.8
		ΔT	30.72	28.87	25.41	21.8	30.67	28.82	25.36	21.8	30.93	29.08	25.62	22.0	29.81	28.80	25.34	21.8	28.09	28.53	25.09	21.5	26.53	26.97	26.25	22.7
		kW	5.94	5.94	5.93	6.0	6.64	6.63	6.62	6.7	7.41	7.41	7.40	7.5	8.25	8.25	8.24	8.3	9.19	9.19	9.17	9.2	10.29	10.29	10.27	10.3
		Amps	23.13	23.10	23.05	23.3	26.30	26.28	26.23	26.5	29.85	29.83	29.77	30.0	33.69	33.67	33.61	33.9	37.98	37.96	37.90	38.1	43.02	42.99	42.94	43.2
		Hi PR	257	258	260	264.0	297	298	299	303.9	338	339	341	345.6	383	384	386	390.6	432	433	435	439.1	484	485	486	490.9
		Lo PR	128	130	133	138.5	115	138	141	146.0	115	142	147	152.6	148	142	153	158.2	154	155	158	163.7	161	162	165	170.6
	3600	MBh	110.1	111.6	114.7	119.4	109.2	110.6	113.7	118.5	106.5	107.9	111.0	115.8	101.8	103.3	106.4	111.1	96.1	97.6	100.7	105.4	90.9	92.4	95.5	100.2
		S/T	1.00	0.98	0.83	0.7	1.00	0.98	0.83	0.7	1.00	1.00	0.86	0.7	1.00	1.00	0.89	0.7	1.00	1.00	0.93	0.8	1.00	1.00	1.00	0.8
		ΔT	27.80	27.48	24.02	20.4	27.57	27.43	23.97	20.4	26.88	27.25	24.23	20.6	25.71	26.08	23.95	20.4	24.27	24.64	23.71	20.1	22.95	23.32	24.11	21.3
		kW	5.99	5.98	5.97	6.0	6.68	6.68	6.67	6.7	7.46	7.45	7.44	7.5	8.30	8.29	8.28	8.3	9.24	9.23	9.22	9.3	10.33	10.33	10.32	10.4
		Amps	23.33	23.30	23.25	23.5	26.51	26.48	26.43	26.7	30.06	30.03	29.98	30.2	33.90	33.87	33.82	34.1	38.19	38.16	38.11	38.4	43.22	43.19	43.14	43.4
		Hi PR	260	261	263	267.2	300	301	303	307.0	342	343	344	348.8	387	388	389	393.8	435	436	438	442.3	487	488	490	494.0
		Lo PR	132	132	136	141.6	139	139	144	149.2	146	147	151	155.8	151	153	156	161.4	157	158	162	166.9	164	165	170	173.8

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects ACCA (TVA) conditions

kW = Total system power

High and low pressures are measured at the liquid and suction access fittings.

Amps: Unit amps (comp.+ evaporator + condenser fan motors)

Design Subcooling, 16 - 19 °F @ the liquid access fitting connection ARI 95 test conditions. Design Superheat 8 - 12°F @ the compressor suction access fitting connection.

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
IDB	Airflow	ID WB	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	3250	MBh	118.6	120.3	123.8	-	117.6	119.3	122.8	-	114.5	116.2	119.7	-	109.2	110.9	114.4	-	102.7	104.4	107.9	-	96.8	98.5	102.0	-
		S/T	0.54	0.48	0.38	-	0.54	0.48	0.38	-	0.57	0.50	0.40	-	0.58	0.52	0.41	-	0.61	0.55	0.42	-	0.69	0.62	0.48	-
		ΔT	17.91	16.21	13.04	-	17.87	16.17	12.99	-	18.11	16.41	13.23	-	17.85	16.15	12.98	-	17.62	15.92	12.75	-	18.69	16.99	13.81	-
		kW	6.74	6.74	6.72	-	7.53	7.52	7.51	-	8.40	8.40	8.38	-	9.35	9.34	9.33	-	10.41	10.40	10.39	-	11.65	11.64	11.63	-
		Amps	25.45	25.42	25.36	-	29.04	29.01	28.95	-	33.05	33.02	32.96	-	37.38	37.35	37.29	-	42.23	42.20	42.14	-	47.91	47.88	47.82	-
		Hi PR	260	261	263	-	301	302	304	-	343	344	346	-	389	391	392	-	439	440	442	-	492	493	495	-
		Lo PR	123	124	127	-	130	132	135	-	137	138	141	-	142	144	147	-	147	149	152	-	154	156	159	-
	3500	MBh	119.6	121.2	124.8	-	118.5	120.2	123.7	-	115.4	117.1	120.6	-	110.1	111.8	115.3	-	103.6	105.3	108.8	-	97.7	99.4	102.9	-
		S/T	0.56	0.50	0.39	-	0.56	0.50	0.39	-	0.59	0.52	0.40	-	0.60	0.54	0.41	-	0.63	0.56	0.43	-	0.71	0.64	0.50	-
		ΔT	17.35	15.65	12.48	-	17.31	15.61	12.43	-	17.54	15.85	12.67	-	17.29	15.59	12.42	-	17.06	15.36	12.19	-	18.13	16.43	13.25	-
		kW	6.76	6.76	6.74	-	7.55	7.54	7.53	-	8.42	8.42	8.40	-	9.37	9.37	9.35	-	10.43	10.42	10.41	-	11.67	11.67	11.65	-
		Amps	25.55	25.52	25.46	-	29.14	29.11	29.05	-	33.15	33.12	33.06	-	37.48	37.46	37.39	-	42.33	42.30	42.24	-	48.01	47.98	47.92	-
		Hi PR	261	262	264	-	302	303	305	-	345	346	348	-	391	392	394	-	440	441	443	-	493	494	496	-
		Lo PR	124	125	128	-	131	133	136	-	138	139	142	-	143	145	148	-	149	150	153	-	155	157	160	-
	4150	MBh	122.5	124.1	127.7	-	121.4	123.1	126.6	-	118.3	120.0	123.5	-	113.0	114.7	118.2	-	106.5	108.2	111.7	-	100.6	102.3	105.8	-
		S/T	0.60	0.53	0.40	-	0.60	0.53	0.40	-	0.63	0.56	0.42	-	0.65	0.57	0.43	-	0.68	0.60	0.45	-	0.77	0.68	0.52	-
		ΔT	16.11	14.41	11.23	-	16.06	14.36	11.19	-	16.30	14.60	11.43	-	16.04	14.34	11.17	-	15.82	14.12	10.94	-	16.88	15.18	12.01	-
		kW	6.81	6.81	6.79	-	7.60	7.59	7.58	-	8.47	8.47	8.45	-	9.42	9.41	9.40	-	10.48	10.47	10.46	-	11.72	11.71	11.70	-
		Amps	25.78	25.75	25.69	-	29.37	29.34	29.28	-	33.37	33.34	33.28	-	37.71	37.68	37.62	-	42.55	42.53	42.46	-	48.24	48.21	48.15	-
		Hi PR	264	265	267	-	305	306	308	-	348	349	351	-	394	395	397	-	443	445	446	-	496	498	499	-
		Lo PR	127	128	131	-	134	136	139	-	141	142	145	-	146	148	151	-	152	153	156	-	158	160	163	-
75	3250	MBh	118.7	120.4	123.9	129.3	117.7	119.3	122.9	128.2	114.6	116.2	119.8	125.2	109.3	110.9	114.5	119.9	102.8	104.5	108.0	113.4	96.9	98.5	102.1	107.5
		S/T	0.65	0.59	0.48	0.4	0.66	0.60	0.49	0.4	0.68	0.62	0.51	0.4	0.71	0.64	0.52	0.4	0.74	0.67	0.55	0.4	0.83	0.75	0.61	0.5
		ΔT	21.65	19.95	16.78	13.5	21.60	19.90	16.73	13.4	21.84	20.14	16.97	13.7	21.59	19.89	16.71	13.4	21.36	19.66	16.49	13.2	22.42	20.72	17.55	14.3
		kW	6.74	6.73	6.72	6.8	7.52	7.51	7.50	7.6	8.40	8.39	8.38	8.4	9.34	9.34	9.32	9.4	10.40	10.40	10.38	10.4	11.64	11.64	11.63	11.7
		Amps	25.43	25.40	25.34	25.6	29.02	28.99	28.93	29.2	33.02	32.99	32.93	33.2	37.36	37.33	37.27	37.5	42.20	42.18	42.11	42.4	47.89	47.86	47.80	48.1
		Hi PR	260	261	263	267.4	301	302	304	308.2	344	345	347	351.0	390	391	393	397.1	439	440	442	446.7	492	493	495	499.7
		Lo PR	123	124	127	132.5	130	132	135	139.9	137	138	141	146.4	140	144	147	151.9	147	149	152	157.3	154	156	159	164.0
	3500	MBh	119.6	121.3	124.8	130.2	118.6	120.2	123.8	129.2	115.5	117.2	120.7	126.1	110.2	111.9	115.4	120.8	103.7	105.4	108.9	114.3	97.8	99.5	103.0	108.4
		S/T	0.68	0.62	0.50	0.4	0.68	0.62	0.50	0.4	0.71	0.64	0.52	0.4	0.73	0.67	0.54	0.4	0.77	0.70	0.56	0.4	0.86	0.78	0.64	0.5
		ΔT	21.09	19.39	16.22	12.9	21.04	19.34	16.17	12.9	21.28	19.58	16.41	13.1	21.03	19.33	16.15	12.9	20.80	19.10	15.93	12.6	21.86	20.16	16.99	13.7
		kW	6.76	6.75	6.74	6.8	7.54	7.54	7.52	7.6	8.42	8.41	8.40	8.5	9.37	9.36	9.35	9.4	10.42	10.42	10.41	10.5	11.67	11.66	11.65	11.7
		Amps	25.53	25.50	25.44	25.7	29.12	29.09	29.03	29.3	33.12	33.10	33.03	33.3	37.46	37.43	37.37	37.6	42.31	42.28	42.22	42.5	47.99	47.96	47.90	48.2
		Hi PR	261	262	264	268.6	302	303	305	309.5	345	346	348	352.3	391	392	394	398.3	441	442	443	448.0	494	495	496	501.0
		Lo PR	124	125	128	133.5	131	133	136	141.0	138	139	142	147.5	139	145	148	152.9	149	150	153	158.3	155	157	160	165.1
	4150	MBh	122.5	124.2	127.7	133.1	121.5	123.1	126.7	132.1	118.4	120.1	123.6	129.0	113.1	114.8	118.3	123.7	106.6	108.3	111.8	117.2	100.7	102.4	105.9	111.3
		S/T	0.74	0.67	0.54	0.4	0.74	0.67	0.54	0.4	0.77	0.70	0.56	0.4	0.80	0.72	0.58	0.4	0.84	0.75	0.60	0.4	0.93	0.84	0.68	0.5
		ΔT	19.84	18.14	14.97	11.7	19.80	18.10	14.92	11.6	20.04	18.34	15.16	11.9	19.78	18.08	14.91	11.6	19.55	17.85	14.68	11.4	20.62	18.92	15.74	12.5
		kW	6.81	6.80	6.79	6.8	7.59	7.59	7.57	7.6	8.47	8.46	8.45	8.5	9.42	9.41	9.40	9.5	10.47	10.47	10.45	10.5	11.72	11.71	11.70	11.8
		Amps	25.75	25.72	25.66	25.9	29.34	29.31	29.25	29.5	33.35	33.32	33.26	33.5	37.69	37.66	37.60	37.9	42.53	42.50	42.44	42.7	48.21	48.19	48.12	48.4
		Hi PR	264	265	267	271.8	305	306	308	312.7	348	349	351	355.4	394	395	397	401.5	444	445	447	451.2	497	498	500	504.2
		Lo PR	127	128	131	136.6	134	136	139	144.0	139	142	145	150.5	140	148	151	156.0	152	153	156	161.4	139	160	163	168.1

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects ACCA (TVA) conditions

kW = Total system power

High and low pressures are measured at the liquid and suction access fittings.

Amps: Unit amps (comp.+ evaporator + condenser fan motors)

Design Subcooling, 16 - 19 °F @ the liquid access fitting connection ARI 95 test conditions. Design Superheat 8 - 12°F @ the compressor suction access fitting connection.