



R-32 Standard Efficiency Gas/Electric Direct-Drive Packaged Rooftop Unit 7.5-12.5 Ton DSG Light Commercial

7.5 - 10 Tons Up to 16 IEER / 12 EER

12.5 Tons 15.2 IEER / 11.4 EER



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

A woman with blonde hair tied in a bun, wearing a light-colored business suit, is looking down at a clipboard she is holding. She is standing on a staircase with a metal railing. The background is slightly blurred, showing the steps of the staircase.

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.

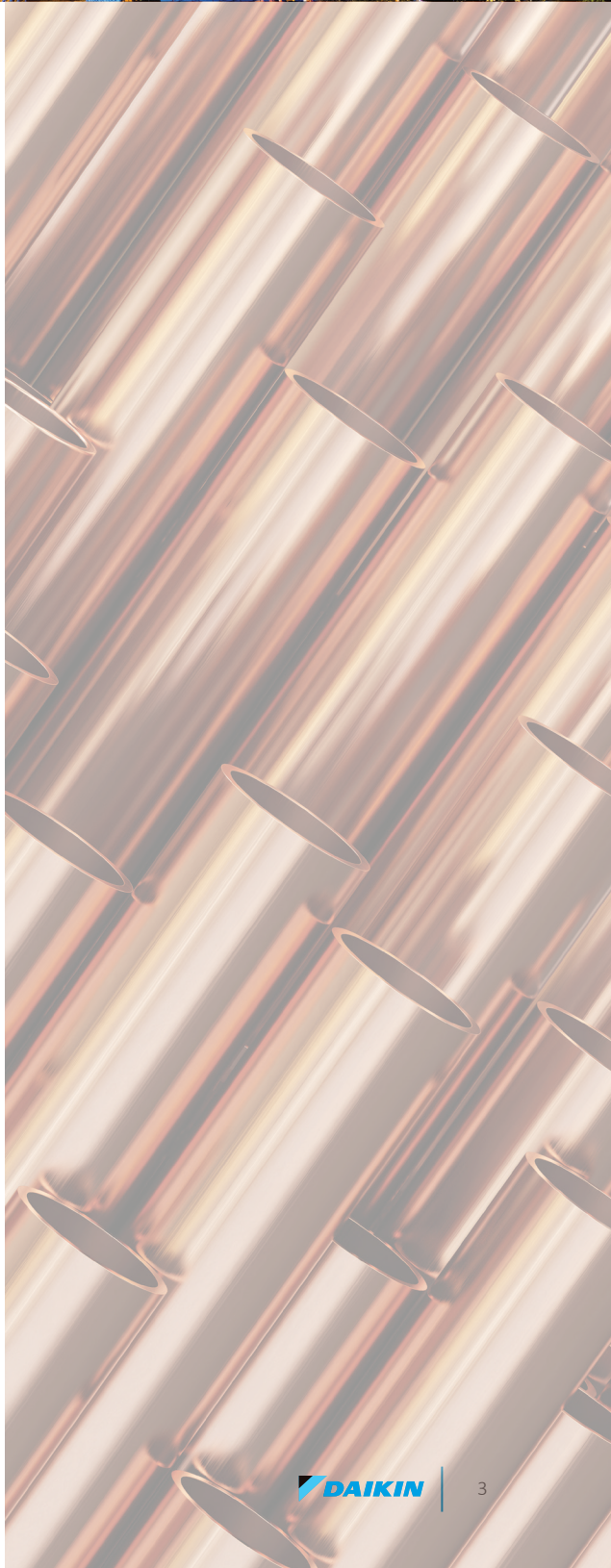
The group philosophy of the company includes:

- » 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



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Nomenclature

										D	S	G	120	3	S	400	A	A	X	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																				Revision Levels									
D Daikin																				Major & Minor									
Configuration																													
S R-32 Standard Efficiency																				X No Options									
H R-32 High Efficiency																													
V Inverter (variable speed compressor)																				PE Connection									
Application																				X No Options									
C Cooling																				B Single point power connection for Power Exhaust									
G Gas Heat																				T Single point power connection for Power Exhaust (w/ Transformer)									
H Heat Pump																													
Nominal Cooling Capacity																				IAQ									
036 3 Tons 090 7½ Tons 180 15 Tons																				X No Options									
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																				Service Options									
1 208-230/1/60 4 460/3/60																				A Powered convenience outlet									
3 208-230/3/60 7 575/3/60																				B Non-powered convenience outlet									
																				C Hinge Panels									
																				D Hinged Panels and Powered convenience outlet									
																				E Hinged Panels and non-powered convenience outlet									
																				X No Options									
Supply Fan/Drive Type/Motor																				Electrical									
D Direct Drive- Standard Static L Direct Drive-Medium Static																				X No Options									
W Direct Drive- High Static																				A Non-Fused Disconnect									
																				B Phase Monitor									
																				C Thru-the-base connections									
																				D SCCR									
																				E Non-Fused Disconnect and Phase Monitor									
																				F Non-Fused Disconnect and Thru-the-base connections									
																				G Non-Fused Disconnect and SCCR									
																				H Phase Monitor and Thru-the-base connections									
																				J Phase Monitor and SCCR									
																				K Thru-the-base connections and SCCR									
																				L Non-Fused Disconnect, Thru-the-base connections and Phase Monitor									
																				M Non-Fused Disconnect, Phase Monitor and SCCR									
																				N Non-Fused Disconnect, Thru-the-base connections and SCCR									
																				P Phase Monitor, Thru-the-base connections and SCCR									
																				Q Non-Fused Disconnect, Thru-the-base connections, Phase Monitor and SCCR									
Nominal Heating Capacity																				Economizer									
Gas/Electric										A/C H/P Factory-Installed Electric Heat																			
045 45,000 BTU/h XXX No Heat																				X No Options									
060 60,000 BTU/h 005 5kW																				A Ultra Low-Leak Downflow Economizer w/ Enthalpy Sensor									
070 70,000 BTU/h 010 10 kW																				C Ultra Low-Leak Internal Horizontal Economizer w/ Enthalpy Sensor									
080 80,000 BTU/h 015 15 kW																				E Ultra Low-Leak Downflow Economizer for DDC controls w/ Enthalpy Sensor									
090 90,000 BTU/h 020 20 kW																				F Ultra Low-Leak Horizontal Economizer for DDC controls w/ Enthalpy Sensor									
000 100,000 BTU/h 030 30 kW																				G Ultra Low-Leak Downflow Economizer w/ Dry Bulb Sensor									
115 115,000 BTU/h 045 45 kW																				J Ultra Low-Leak Internal Horizontal Economizer w/ Dry Bulb Sensor									
125 125,000 BTU/h 060 60 kW																				L Ultra Low-Leak Downflow Economizer for DDC controls w/ Dry Bulb Sensor									
130 130,000 BTU/h 075 75kW																				M Ultra Low-Leak Horizontal Economizer for DDC controls w/ Dry Bulb Sensor									
140 140,000 BTU/h																													
150 150,000 BTU/h																													
										Electric Heat w/ SCR controls																			
180 180,000 BTU/h S05 5kW S30 30 kW																													
210 210,000 BTU/h S10 10 kW S45 45 kW																													
225 225,000 BTU/h S20 20 kW S60 60 kW																													
240 240,000 BTU/h S22 20 kW S75 75kW																													
260 260,000 BTU/h S25 25 kW																													
350 350,000 BTU/h																													
360 360,000 BTU/h																													
400 400,000 BTU/h																													
480 480,000 BTU/h																													
<i>See product specifications for heat size(s) available for each capacity.</i>																													
Refrigeration Systems																				Coils, Hail guard									
A Single stage cooling modes																				X No Options									
C Two stage cooling modes																				C Hail Guard									
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																				Sensors									
X No options U Ultra Low No _x																				D R-32 Sensor									
A Standard Aluminized Exchanger																				E RA Smoke Detector w/ R32 Sensor									
S Stainless Steel Exchanger																				F SA Smoke Detector w/ R32 Sensor									
																				G RA & SA Smoke Detector w/ R32 Sensor									
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)																													

G/E Stocking Models			
MODEL NUMBER	CODE STRING		
DSG0903DL00001S	DSG0903D130CAADXXXXXXXAA	DSG1204DH00001S	DSG1204D240CAADXXXXXXXAA
DSG0903DM00001S	DSG0903D180CAADXXXXXXXAA	DSG1207DL00001S	DSG1207D130CAADXXXXXXXAA
DSG0903DH00001S	DSG0903D225CAADXXXXXXXAA	DSG1207DM00001S	DSG1207D180CAADXXXXXXXAA
DSG0904DL00001S	DSG0904D130CAADXXXXXXXAA	DSG1207DH00001S	DSG1207D240CAADXXXXXXXAA
DSG0904DM00001S	DSG0904D180CAADXXXXXXXAA	DSG1503DL00001S	DSG1503D130CAADXXXXXXXAA
DSG0904DH00001S	DSG0904D225CAADXXXXXXXAA	DSG1503DM00001S	DSG1503D180CAADXXXXXXXAA
DSG0907DL00001S	DSG0907D130CAADXXXXXXXAA	DSG1503DH00001S	DSG1503D240CAADXXXXXXXAA
DSG0907DM00001S	DSG0907D180CAADXXXXXXXAA	DSG1504DL00001S	DSG1504D130CAADXXXXXXXAA
DSG0907DH00001S	DSG0907D225CAADXXXXXXXAA	DSG1504DM00001S	DSG1504D180CAADXXXXXXXAA
DSG1023DL00001S	DSG1023D130CAADXXXXXXXAA	DSG1504DH00001S	DSG1504D240CAADXXXXXXXAA
DSG1023DM00001S	DSG1023D180CAADXXXXXXXAA	DSG1507DL00001S	DSG1507D130CAADXXXXXXXAA
DSG1023DH00001S	DSG1023D225CAADXXXXXXXAA	DSG1507DM00001S	DSG1507D180CAADXXXXXXXAA
DSG1024DL00001S	DSG1024D130CAADXXXXXXXAA	DSG1507DH00001S	DSG1507D240CAADXXXXXXXAA
DSG1024DM00001S	DSG1024D180CAADXXXXXXXAA	DSG1503WL00001F	DSG1503D130CAADXXXXXXXAA
DSG1024DH00001S	DSG1024D225CAADXXXXXXXAA	DSG1503WM00001F	DSG1503D180CAADXXXXXXXAA
DSG1027DL00001S	DSG1027D130CAADXXXXXXXAA	DSG1503WH00001F	DSG1503D240CAADXXXXXXXAA
DSG1027DM00001S	DSG1027D180CAADXXXXXXXAA	DSG1504DL00001F	DSG1504D130CAADXXXXXXXAA
DSG1027DH00001S	DSG1027D225CAADXXXXXXXAA	DSG1504WM00001F	DSG1504D180CAADXXXXXXXAA
DSG1203DL00001S	DSG1203D130CAADXXXXXXXAA	DSG1504WH00001F	DSG1504D240CAADXXXXXXXAA
DSG1203DM00001S	DSG1203D180CAADXXXXXXXAA	DSG1507WL00001F	DSG1507D130CAADXXXXXXXAA
DSG1203DH00001S	DSG1203D240CAADXXXXXXXAA	DSG1507WM00001F	DSG1507D180CAADXXXXXXXAA
DSG1204DL00001S	DSG1204D130CAADXXXXXXXAA	DSG1507WH00001F	DSG1507D240CAADXXXXXXXAA
DSG1204DM00001S	DSG1204D180CAADXXXXXXXAA		

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 circuits include both low- and high-pressure safety switches.
- » Unit is factory charged with environmentally friendly Low GWP R32 refrigerant.
- » Compressor location outside the condenser section to avoid air bypass.
- » Internal overload protection included with compressor.
- » Two single-stage scroll compressor for partial load applications.

Supply Fan

Indoor fan motors are direct drive EEM motors as standard to provide easy adjustment for airflow control.

- » Slide out forward curb fan for easy maintenance and replacement.
- » High-static drive options for application with high airflow/static requirements.
- » Each fan assembly is dynamically trim balanced at the factory before shipment for quick start-up and efficient operation.
- » Motor with thermal overload failure protection is provided for motor long lasting operation.
- » Ball bearing Direct-Drive EEM motor removes the need for belts, sheaves, bearings and lubrication.

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.



- » Microchannel heat exchanger technology on all condenser coils for improved performance and reduced refrigerant load.
- » All units use large face area outdoor coils.
- » Coils are factory pressure tested to ensure pressure and leak integrity.
- » Copper tube / aluminum fin coils on evaporator

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 color-coded wires and complete 24-volt Electromechanical controls package.
- » Units include single-point power entry as standard.
- » Terminal blocks are provided as standard for easy installation and field power wiring.

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.
- » 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.
- » Burner section 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.



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.
- » Field connections are color coded 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.
- » Easy access to gas valves and control panel.



Model	DSG0903DL00001S	DSG0903DM00001S	DSG0903DH00001S	DSG0904DL00001S	DSG0904DM00001S
COOLING CAPACITY					
Total, BTU/h	90,000	90,000	90,000	90,000	90,000
IEER / EER	16/12	16/12	16/12	16/12	16/12
AHRI Reference #	215440965	215440965	215440965	215440966	215440966
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	135/109.4	168.8/136.7	97.5/79	135/109.4
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 / RTPF (ROUND TUBE PLATE FIN)					
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	15x12	15x12	15x12	15x12	15x12
Indoor Nominal CFM	3020	3020	3020	3020	3020
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 20 X 2 (2) 20 X 25 X 2 (2)	20 X 20 X 2 (2) 20 X 25 X 2 (2)	20 X 20 X 2 (2) 20 X 25 X 2 (2)	20 X 20 X 2 (2) 20 X 25 X 2 (2)	20 X 20 X 2 (2) 20 X 25 X 2 (2)
Drain Size (NPT)	3/4	3/4	3/4	3/4	3/4
R-32 Refrigerant Charge (oz.)	53/53	53/53	53/53	53/53	53/53
Evaporator Coil Face Area (ft²)	13.3	13.3	13.3	13.3	13.3
Rows Deep/ Fins per Inch	2 / 16	2 / 16	2 / 16	2 / 16	2 / 16
CONDENSER FAN / MCHX (MICROCHANNEL HEAT EXCHANGER)					
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 (ft²)	29.1	29.1	29.1	29.1	29.1
Rows Deep / Fins per Inch	1 / 23	1 / 23	1 / 23	1 / 23	1 / 23
COMPRESSOR					
Quantity / Type / Stages per Compressor	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-Voltage Conduit Hole Dia. (in)	0.5	0.5	0.5	0.5	0.5
OPERATING WEIGHT (LBS.)					
Operating Weight (lbs)	1106	1106	1106	1118	1118
SHIPPING WEIGHT (LBS.)					
Ship Weight (lbs)	1178	1178	1178	1190	1190

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	DSG0904DH00001S	DSG0907DL00001S	DSG0907DM00001S	DSG0907DH00001S
COOLING CAPACITY				
Total, BTU/h	90,000	90,000	90,000	90,000
IEER / EER	16/12	16/12	16/12	16/12
AHRI Reference #	215440966	215440967	215440967	215440967
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)	168.8/136.7	97.5/79	135/109.4	168.8/136.7
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 / RTPF (ROUND TUBE PLATE FIN)				
Motor Type	Direct Drive	Direct Drive	Direct Drive	Direct Drive
External Static Pressure (ESP)	Standard	Standard	Standard	Standard
Wheel Dia. X Width	15x12	15x12	15x12	15x12
Indoor Nominal CFM	3020	3020	3020	3020
RPM	300-1600	300-1600	300-1600	300-1600
Indoor Horsepower	2.4	2.4	2.4	2.4
Filter Size (in)	20 X 20 X 2 (2) 20 X 25 X 2 (2)	20 X 20 X 2 (2) 20 X 25 X 2 (2)	20 X 20 X 2 (2) 20 X 25 X 2 (2)	20 X 20 X 2 (2) 20 X 25 X 2 (2)
Drain Size (NPT)	3/4	3/4	3/4	3/4
R-32 Refrigerant Charge (oz.)	53/53	53/53	53/53	53/53
Evaporator Coil Face Area (ft²)	13.3	13.3	13.3	13.3
Rows Deep/ Fins per Inch	2 / 16	2 / 16	2 / 16	2 / 16
CONDENSER FAN / MCHX (MICROCHANNEL HEAT EXCHANGER)				
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 (ft²)	29.1	29.1	29.1	29.1
Rows Deep / Fins per Inch	1 / 23	1 / 23	1 / 23	1 / 23
COMPRESSOR				
Quantity / Type / Stages per Compressor	2/ Scroll / 1	2/ Scroll / 1	2/ Scroll / 1	2/ Scroll / 1
Compressor RLA / LRA	5.8/55.1	5.8/41	5.8/41	5.8/41
ELECTRICAL DATA				
Voltage-Phase-Frequency	460-3-60	575-3-60	575-3-60	575-3-60
Indoor Blower FLA	5.4	4.0	4.0	4.0
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-Voltage Conduit Hole Dia. (in)	0.5	0.5	0.5	0.5
OPERATING WEIGHT (LBS.)				
Operating Weight (lbs)	1106	1118	1118	1118
SHIPPING WEIGHT (LBS.)				
Ship Weight (lbs)	1178	1190	1190	1190

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	DSG1023DL00001S	DSG1023DM00001S	DSG1023DH00001S	DSG1024DL00001S	DSG1024DM00001S
COOLING CAPACITY					
Total, BTU/h	97,000	97,000	97,000	97,000	97,000
IEER / EER	15.5/11.4	15.5/11.4	15.5/11.4	15.5/11.4	15.5/11.4
AHRI Reference #	215440968	215440968	215440968	215440969	215440969
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	135/109.4	168.8/136.7	97.5/79	135/109.4
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 / RTPF (ROUND TUBE PLATE FIN)					
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	15x12	15x12	15x12	15x12	15x12
Indoor Nominal CFM	3230	3230	3230	3230	3230
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 20 X 2 (2) 20 X 25 X 2 (2)	20 X 20 X 2 (2) 20 X 25 X 2 (2)	20 X 20 X 2 (2) 20 X 25 X 2 (2)	20 X 20 X 2 (2) 20 X 25 X 2 (2)	20 X 20 X 2 (2) 20 X 25 X 2 (2)
Drain Size (NPT)	3/4	3/4	3/4	3/4	3/4
R-32 Refrigerant Charge (oz.)	56/56	56/56	56/56	56/56	56/56
Evaporator Coil Face Area (ft²)	13.3	13.3	13.3	13.3	13.3
Rows Deep/ Fins per Inch	2 / 16	2 / 16	2 / 16	2 / 16	2 / 16
CONDENSER FAN / MCHX (MICROCHANNEL HEAT EXCHANGER)					
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 (ft²)	29.1	29.1	29.1	29.1	29.1
Rows Deep / Fins per Inch	1 / 23	1 / 23	1 / 23	1 / 23	1 / 23
COMPRESSOR					
Quantity / Type / Stages per Compressor	2/ Scroll / 1	2/ Scroll / 1	2/ Scroll / 1	2/ Scroll / 1	2/ Scroll / 1
Compressor RLA / LRA	14.1/120	14.1/120	14.1/120	6.4/55.1	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-Voltage Conduit Hole Dia. (in)	0.5	0.5	0.5	0.5	0.5
OPERATING WEIGHT (LBS.)					
Operating Weight (lbs)	1118	1118	1118	1118	1118
SHIPPING WEIGHT (LBS.)					
Ship Weight (lbs)	1190	1190	1190	1190	1190

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	DSG1024DH00001S	DSG1027DL00001S	DSG1027DM00001S	DSG1027DH00001S
COOLING CAPACITY				
Total, BTU/h	97,000	97,000	97,000	97,000
IEER / EER	15.5/11.4	15.5/11.4	15.5/11.4	15.5/11.4
AHRI Reference #	215440969	215440970	215440970	215440970
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)	168.8/136.7	97.5/79	135/109.4	168.8/136.7
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 / RTPF (ROUND TUBE PLATE FIN)				
Motor Type	Direct Drive	Direct Drive	Direct Drive	Direct Drive
External Static Pressure (ESP)	Standard	Standard	Standard	Standard
Wheel Dia. X Width	15x12	15x12	15x12	15x12
Indoor Nominal CFM	3230	3230	3230	3230
RPM	300-1600	300-1600	300-1600	300-1600
Indoor Horsepower	2.4	2.4	2.4	2.4
Filter Size (in)	20 X 20 X 2 (2) 20 X 25 X 2 (2)	20 X 20 X 2 (2) 20 X 25 X 2 (2)	20 X 20 X 2 (2) 20 X 25 X 2 (2)	20 X 20 X 2 (2) 20 X 25 X 2 (2)
Drain Size (NPT)	3/4	3/4	3/4	3/4
R-32 Refrigerant Charge (oz.)	56/56	56/56	56/56	56/56
Evaporator Coil Face Area (ft²)	13.3	13.3	13.3	13.3
Rows Deep/ Fins per Inch	2 / 16	2 / 16	2 / 16	2 / 16
CONDENSER FAN / MCHX (MICROCHANNEL HEAT EXCHANGER)				
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 (ft²)	29.1	29.1	29.1	29.1
Rows Deep / Fins per Inch	1 / 23	1 / 23	1 / 23	1 / 23
COMPRESSOR				
Quantity / Type / Stages per Compressor	2/ Scroll / 1	2/ Scroll / 1	2/ Scroll / 1	2/ Scroll / 1
Compressor RLA / LRA	6.4/55.1	5.1/41	5.1/41	5.1/41
ELECTRICAL DATA				
Voltage-Phase-Frequency	460-3-60	575-3-60	575-3-60	575-3-60
Indoor Blower FLA	5.4	4.0	4.0	4.0
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-Voltage Conduit Hole Dia. (in)	0.5	0.5	0.5	0.5
OPERATING WEIGHT (LBS.)				
Operating Weight (lbs)	1118	1118	1118	1118
SHIPPING WEIGHT (LBS.)				
Ship Weight (lbs)	1190	1190	1190	1190

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	DSG1203DL00001S	DSG1203DM00001S	DSG1203DH00001S	DSG1204DL00001S	DSG1204DM00001S
COOLING CAPACITY					
Total, BTU/h	116,000	116,000	116,000	116,000	116,000
IEER / EER	15.2/11.2	15.2/11.2	15.2/11.2	14.8/11.2	15.2/11.2
AHRI Reference #	215440971	215440971	215440971	215440972	215440972
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	135/109.4	180/145.8	97.5/79	135/109.4
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 / RTPF (ROUND TUBE PLATE FIN)					
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	15x15	15x15	15x15	15x15	15x15
Indoor Nominal CFM	3380	3380	3380	3380	3380
RPM	300-1600	300-1600	300-1600	300-1600	300-1600
Indoor Horsepower	3.5	3.5	3.5	3.5	3.5
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.)	73/71	73/71	73/71	73/71	73/71
Evaporator Coil Face Area (ft²)	16.2	16.2	16.2	16.2	16.2
Rows Deep/ Fins per Inch	3 / 16	3 / 16	3 / 16	3 / 16	3 / 16
CONDENSER FAN / MCHX (MICROCHANNEL HEAT EXCHANGER)					
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 (ft²)	29.1	29.1	29.1	29.1	29.1
Rows Deep / Fins per Inch	1 / 23	1 / 23	1 / 23	1 / 23	1 / 23
COMPRESSOR					
Quantity / Type / Stages per Compressor	2/ Scroll / 1	2/ Scroll / 1	2/ Scroll / 1	2/ Scroll / 1	2/ Scroll / 1
Compressor RLA / LRA	17.3/155	17.3/155	17.3/155	7.7/58.1	7.7/58.1
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	53.8/53.8	53.8/53.8	53.8/53.8	26.2	26.2
Max. Overcurrent Protection (A) ²	70/70	70/70	70/70	30	30
Power Supply Conduit Hole Dia. (in)	1.375	1.375	1.375	1.375	1.375
Low-Voltage Conduit Hole Dia. (in)	0.5	0.5	0.5	0.5	0.5
OPERATING WEIGHT (LBS.)					
Operating Weight (lbs)	1161	1161	1161	1161	1161
SHIPPING WEIGHT (LBS.)					
Ship Weight (lbs)	1199	1209	1219	1199	1209

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	DSG1204DH00001S	DSG1207DL00001S	DSG1207DM00001S	DSG1207DH00001S
COOLING CAPACITY				
Total, BTU/h	116,000	116,000	116,000	116,000
IEER / EER	15.2/11.2	15.2/11.2	15.2/11.2	15.2/11.2
AHRI Reference #	215440972	215440973	215440973	215440973
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	135/109.4	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 / RTPF (ROUND TUBE PLATE FIN)				
Motor Type	Direct Drive	Direct Drive	Direct Drive	Direct Drive
External Static Pressure (ESP)	Standard	Standard	Standard	Standard
Wheel Dia. X Width	15x15	15x15	15x15	15x15
Indoor Nominal CFM	3380	3380	3380	3380
RPM	300-1600	300-1600	300-1600	300-1600
Indoor Horsepower	3.5	3.5	3.5	3.5
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.)	73/71	73/71	73/71	73/71
Evaporator Coil Face Area (ft²)	16.2	16.2	16.2	16.2
Rows Deep/ Fins per Inch	3 / 16	3 / 16	3 / 16	3 / 16
CONDENSER FAN / MCHX (MICROCHANNEL HEAT EXCHANGER)				
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 (ft²)	29.1	29.1	29.1	29.1
Rows Deep / Fins per Inch	1 / 23	1 / 23	1 / 23	1 / 23
COMPRESSOR				
Quantity / Type / Stages per Compressor	2/ Scroll / 1	2/ Scroll / 1	2/ Scroll / 1	2/ Scroll / 1
Compressor RLA / LRA	7.7/58.1	7.0/47.8	7.0/47.8	7.0/47.8
ELECTRICAL DATA				
Voltage-Phase-Frequency	460-3-60	575-3-60	575-3-60	575-3-60
Indoor Blower FLA	5.4	4.0	4.0	4.0
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	26.2	22.2	22.2	22.2
Max. Overcurrent Protection (A) ²	30	25	25	25
Power Supply Conduit Hole Dia. (in)	1.375	1.375	1.375	1.375
Low-Voltage Conduit Hole Dia. (in)	0.5	0.5	0.5	0.5
OPERATING WEIGHT (LBS.)				
Operating Weight (lbs)	1161	1161	1161	1161
SHIPPING WEIGHT (LBS.)				
Ship Weight (lbs)	1233	1233	1233	1233

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	DSG1503DL00001S	DSG1503DM00001S	DSG1503DH00001S	DSG1504DL00001S	DSG1504DM00001S
COOLING CAPACITY					
Total, BTU/h	140,000	140,000	140,000	140,000	140,000
IEER / EER	15.2/11.4	15.2/11.4	15.2/11.4	15.2/11.4	15.2/11.4
AHRI Reference #	215440974	215440974	215440974	215440975	215440975
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	135/109.4	180/145.8	97.5/79	135/109.4
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 / RTPF (ROUND TUBE PLATE FIN)					
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	15x15	15x15	15x15	15x15	15x15
Indoor Nominal CFM	4200	4200	4200	4200	4200
RPM	300-1600	300-1600	300-1600	300-1600	300-1600
Indoor Horsepower	3.5	3.5	3.5	3.5	3.5
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.)	110/111	110/111	110/111	110/111	110/111
Evaporator Coil Face Area (ft²)	16.2	16.2	16.2	16.2	16.2
Rows Deep/ Fins per Inch	4 / 16	4 / 16	4 / 16	4 / 16	4 / 16
CONDENSER FAN / MCHX (MICROCHANNEL HEAT EXCHANGER)					
Quantity of Condenser Fan Motors	2	2	2	2	2
RPM (High/Low stage)	1130	1130	1130	1115	1115
Outdoor Horsepower	1/2	1/2	1/2	1/2	1/2
Fan Diameter/ # Fan Blades	22 / 3	22 / 3	22 / 3	22 / 3	22 / 3
Face Area (ft²)	40.8	40.8	40.8	40.8	40.8
Rows Deep / Fins per Inch	1 / 23	1 / 23	1 / 23	1 / 23	1 / 23
COMPRESSOR					
Quantity / Type / Stages per Compressor	2/ Scroll / 1	2/ Scroll / 1	2/ Scroll / 1	2/ Scroll / 1	2/ Scroll / 1
Compressor RLA / LRA	19.2/157	19.2/157	19.2/157	9.0/74.8	9.0/74.8
ELECTRICAL DATA					
Voltage-Phase-Frequency	208/230-3-60	208/230-3-60	208/230-3-60	460-3-60	460-3-60
Indoor Blower FLA	10.9	10.9	10.9	7.2	7.2
Max External Static (In. W.C.)	0.8	0.8	0.8	0.8	0.8
Outdoor Fan FLA	2.7	2.7	2.7	1.4	1.4
Min. Circuit Ampacity ¹	59.5/59.5	59.5/59.5	59.5/59.5	30.2	30.2
Max. Overcurrent Protection (A) ²	70/70	70/70	70/70	35	35
Power Supply Conduit Hole Dia. (in)	1.375	1.375	1.375	1.375	1.375
Low-Voltage Conduit Hole Dia. (in)	0.5	0.5	0.5	0.5	0.5
OPERATING WEIGHT (LBS.)					
Operating Weight (lbs)	1244	1244	1244	1244	1244
SHIPPING WEIGHT (LBS.)					
Ship Weight (lbs)	1316	1316	1316	1316	1316

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	DSG1504DH00001S	DSG1507DL00001S	DSG1507DM00001S	DSG1507DH00001S
COOLING CAPACITY				
Total, BTU/h	140,000	140,000	140,000	140,000
IEER / EER	15.2/11.4	15.2/11.4	15.2/11.4	15.2/11.4
AHRI Reference #	215440975	215440976	215440976	215440976
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	135/109.4	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 / RTPF (ROUND TUBE PLATE FIN)				
Motor Type	Direct Drive	Direct Drive	Direct Drive	Direct Drive
External Static Pressure (ESP)	Standard	Standard	Standard	Standard
Wheel Dia. X Width	15x15	15x15	15x15	15x15
Indoor Nominal CFM	4200	4200	4200	4200
RPM	300-1600	300-1600	300-1600	300-1600
Indoor Horsepower	3.5	3.5	3.5	3.5
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.)	110/111	110/111	110/111	110/111
Evaporator Coil Face Area (ft²)	16.2	16.2	16.2	16.2
Rows Deep/ Fins per Inch	4 / 16	4 / 16	4 / 16	4 / 16
CONDENSER FAN / MCHX (MICROCHANNEL HEAT EXCHANGER)				
Quantity of Condenser Fan Motors	2	2	2	2
RPM (High/Low stage)	1115	1075	1075	1075
Outdoor Horsepower	1/2	1/2	1/2	1/2
Fan Diameter/ # Fan Blades	22 / 3	22 / 3	22 / 3	22 / 3
Face Area (ft²)	40.8	40.8	40.8	40.8
Rows Deep / Fins per Inch	1 / 23	1 / 23	1 / 23	1 / 23
COMPRESSOR				
Quantity / Type / Stages per Compressor	2/ Scroll / 1	2/ Scroll / 1	2/ Scroll / 1	2/ Scroll / 1
Compressor RLA / LRA	9.0/74.8	7.0/53.9	7.0/53.9	7.0/53.9
ELECTRICAL DATA				
Voltage-Phase-Frequency	460-3-60	575-3-60	575-3-60	575-3-60
Indoor Blower FLA	7.2	5.0	5.0	5.0
Max External Static (In. W.C.)	0.8	0.8	0.8	0.8
Outdoor Fan FLA	1.4	1	1	1
Min. Circuit Ampacity ¹	30.2	22.8	22.8	22.8
Max. Overcurrent Protection (A) ²	35	25	25	25
Power Supply Conduit Hole Dia. (in)	1.375	1.375	1.375	1.375
Low-Voltage Conduit Hole Dia. (in)	0.5	0.5	0.5	0.5
OPERATING WEIGHT (LBS.)				
Operating Weight (lbs)	1244	1244	1244	1244
SHIPPING WEIGHT (LBS.)				
Ship Weight (lbs)	1316	1316	1316	1316

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	DSG1503WL00001F	DSG1503WM00001F	DSG1503WH00001F	DSG1504WL00001F	DSG1504WM00001F
COOLING CAPACITY					
Total, BTU/h	140,000	140,000	140,000	140,000	140,000
IEER / EER	15.2/11.4	15.2/11.4	15.2/11.4	15.2/11.4	15.2/11.4
AHRI Reference #	215440974	215440974	215440974	215440975	215440975
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	135/109.4	180/145.8	97.5/79	135/109.4
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 / RTPF (ROUND TUBE PLATE FIN)					
Motor Type	Direct Drive	Direct Drive	Direct Drive	Direct Drive	Direct Drive
External Static Pressure (ESP)	High	High	High	High	High
Wheel Dia. X Width	15x15	15x15	15x15	15x15	15x15
Indoor Nominal CFM	4200	4200	4200	4200	4200
RPM	300-1600	300-1600	300-1600	300-1600	300-1600
Indoor Horsepower	5.0	5.0	5.0	5.0	5.0
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.)	110/111	110/111	110/111	110/111	110/111
Evaporator Coil Face Area (ft²)	16.2	16.2	16.2	16.2	16.2
Rows Deep/ Fins per Inch	4 / 16	4 / 16	4 / 16	4 / 16	4 / 16
CONDENSER FAN / MCHX (MICROCHANNEL HEAT EXCHANGER)					
Quantity of Condenser Fan Motors	2	2	2	2	2
RPM (High/Low stage)	1130	1130	1130	1115	1115
Outdoor Horsepower	1/2	1/2	1/2	1/2	1/2
Fan Diameter/ # Fan Blades	22 / 3	22 / 3	22 / 3	22 / 3	22 / 3
Face Area (ft²)	40.8	40.8	40.8	40.8	40.8
Rows Deep / Fins per Inch	1 / 23	1 / 23	1 / 23	1 / 23	1 / 23
COMPRESSOR					
Quantity / Type / Stages per Compressor	2/ Scroll / 1	2/ Scroll / 1	2/ Scroll / 1	2/ Scroll / 1	2/ Scroll / 1
Compressor RLA / LRA	19.2/157	19.2/157	19.2/157	9.0/74.8	9.0/74.8
ELECTRICAL DATA					
Voltage-Phase-Frequency	208/230-3-60	208/230-3-60	208/230-3-60	460-3-60	460-3-60
Indoor Blower FLA	14.5	14.5	14.5	10.6	10.6
Max External Static (In. W.C.)	1.8	1.8	1.8	1.8	1.8
Outdoor Fan FLA	2.7	2.7	2.7	1.4	1.4
Min. Circuit Ampacity ¹	63.1/63.1	63.1/63.1	63.1/63.1	33.6	33.6
Max. Overcurrent Protection (A) ²	80/80	80/80	80/80	40	40
Power Supply Conduit Hole Dia. (in)	1.375	1.375	1.375	1.375	1.375
Low-Voltage Conduit Hole Dia. (in)	0.5	0.5	0.5	0.5	0.5
OPERATING WEIGHT (LBS.)					
Operating Weight (lbs)	1244	1244	1244	1244	1244
SHIPPING WEIGHT (LBS.)					
Ship Weight (lbs)	1316	1316	1316	1316	1316

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	DSG1504WH00001F	DSG1507WL00001F	DSG1507WM00001F	DSG1507WH00001F
COOLING CAPACITY				
Total, BTU/h	140,000	140,000	140,000	140,000
IEER / EER	15.2/11.4	15.2/11.4	15.2/11.4	15.2/11.4
AHRI Reference #	215440975	215440976	215440976	215440976
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	135/109.4	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 / RTPF (ROUND TUBE PLATE FIN)				
Motor Type	Direct Drive	Direct Drive	Direct Drive	Direct Drive
External Static Pressure (ESP)	High	High	High	High
Wheel Dia. X Width	15x15	15x15	15x15	15x15
Indoor Nominal CFM	4200	4200	4200	4200
RPM	300-1600	300-1600	300-1600	300-1600
Indoor Horsepower	5.0	5.0	5.0	5.0
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.)	110/111	110/111	110/111	110/111
Evaporator Coil Face Area (ft²)	16.2	16.2	16.2	16.2
Rows Deep/ Fins per Inch	4 / 16	4 / 16	4 / 16	4 / 16
CONDENSER FAN / MCHX (MICROCHANNEL HEAT EXCHANGER)				
Quantity of Condenser Fan Motors	2	2	2	2
RPM (High/Low stage)	1115	1075	1075	1075
Outdoor Horsepower	1/2	1/2	1/2	1/2
Fan Diameter/ # Fan Blades	22 / 3	22 / 3	22 / 3	22 / 3
Face Area (ft²)	40.8	40.8	40.8	40.8
Rows Deep / Fins per Inch	1 / 23	1 / 23	1 / 23	1 / 23
COMPRESSOR				
Quantity / Type / Stages per Compressor	2/ Scroll / 1	2/ Scroll / 1	2/ Scroll / 1	2/ Scroll / 1
Compressor RLA / LRA	9.0/74.8	7.0/53.9	7.0/53.9	7.0/53.9
ELECTRICAL DATA				
Voltage-Phase-Frequency	460-3-60	575-3-60	575-3-60	575-3-60
Indoor Blower FLA	10.6	7.2	7.2	7.2
Max External Static (In. W.C.)	1.8	1.8	1.8	1.8
Outdoor Fan FLA	1.4	1	1	1
Min. Circuit Ampacity ¹	33.6	25	25	25
Max. Overcurrent Protection (A) ²	40	30	30	30
Power Supply Conduit Hole Dia. (in)	1.375	1.375	1.375	1.375
Low-Voltage Conduit Hole Dia. (in)	0.5	0.5	0.5	0.5
OPERATING WEIGHT (LBS.)				
Operating Weight (lbs)	1244	1244	1244	1244
SHIPPING WEIGHT (LBS.)				
Ship Weight (lbs)	1316	1316	1316	1316

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

Tons	Indoor			Outdoor		
	Fin height in.	Fin length in.	Area (Ft ²)	Fin height in.	Fin length in.	Area (Ft ²)
7.5	42.0	46.0	13.4	45.6	46.0	29.1
8.5	42.0	46.0	13.4	45.6	45.9	29.1
10	45.0	51.8	16.2	45.6	45.9	29.1
12.5	45.0	51.8	16.2	48.6	60.4	40.8

AHRI Ratings

Gas / Electric			
Model	Capacity	EER	IEER
DSG0903D	90,000	12.0	16
DSG0904D	90,000	12.0	16
DSG0907D	90,000	12.0	16
DSG1023D	97,000	11.4	15.5
DSG1024D	97,000	11.4	15.5
DSG1027D	97,000	11.4	15.5
DSG1203D	116,000	11.4	15.2
DSG1204D	116,000	11.4	15.2
DSG1207D	116,000	11.4	15.2
DSG1503D	140,000	11.4	15.2
DSG1504D	140,000	11.4	15.2
DSG1507D	140,000	11.4	15.2

Sound Data

STATIC PRESSURE	7.5 TON SOUND (DB) AT 60 HZ										
	Indoor CFM	Component	A-Weighted	63	125	250	500	1000	2000	4000	8000
0.8	3,000	Discharge	68.7	92.1	76.0	63.9	62.6	62.1	57.2	56.3	46.4
		Inlet	63.8	87.9	72.4	64.4	58.2	52.2	46.9	47.1	46.3
Discharge		78.3	98.6	87.0	72.2	72.7	72.8	68.5	66.7	60.8	
Inlet		70.2	90.7	80.7	69.6	64.6	61.7	56.6	56.5	53	
Discharge		82.4	97.6	88.4	85	77.1	77.1	72.5	71.7	67.3	
Inlet		74.8	92.6	84.0	78.2	69.9	66.5	61.8	62.1	58.4	
N/A	N/A	Outdoor	81.3	-	69.3	72.0	75.2	76.1	74.2	69.3	60.3

STATIC PRESSURE	8.5 TON SOUND (DB) AT 60 HZ										
	Indoor CFM	Componet	A-Weighted	63	125	250	500	1000	2000	4000	8000
0.8	3,400	Discharge	71.3	93.5	79.9	65.3	66.0	65.1	60.8	58.1	49.9
		Inlet	65.3	87.0	75.8	66.8	59.7	54.6	49.8	49.2	47.0
1.4		Discharge	81.5	99.6	88.8	78.8	76.4	76.6	71.5	70.3	64.9
		Inlet	73.1	91.4	82.8	74.6	67.4	66.2	60.0	60.5	56.7
2.0		Discharge	80.8	99.7	89.4	76.1	75.2	75.5	71.4	69.7	65.3
		Inlet	72.7	92.5	82.6	73.6	66.9	64.3	59.5	59.5	56.0
N/A	N/A	Outdoor	81.3	-	64.7	69.3	76.3	76.4	74.1	70.1	60.6

STATIC PRESSURE	10 TON SOUND (DB) AT 60 HZ										
	Indoor CFM	Componet	A-Weighted	63	125	250	500	1000	2000	4000	8000
0.8	4,000	Discharge	74.5	92.3	82.2	71.0	70.8	69.0	64.1	65.6	55.6
		Inlet	67.2	88.8	76.6	66.8	62.2	58.5	54.7	52.4	47.4
1.4		Discharge	76.8	95.8	85.3	72.2	71.7	71.2	67.3	65.2	59.8
		Inlet	69.2	89.5	79.3	68.8	63.9	60.6	57.1	55.5	50.5
2.0		Discharge	77.1	96.2	85.3	72.5	72.0	71.5	67.6	65.3	59.9
		Inlet	71.0	91.7	81.2	70.8	65.2	62.0	58.8	57.4	53.1
N/A	N/A	Outdoor	82.7	-	67.4	72.2	76.5	78.4	76.1	70.3	60.1

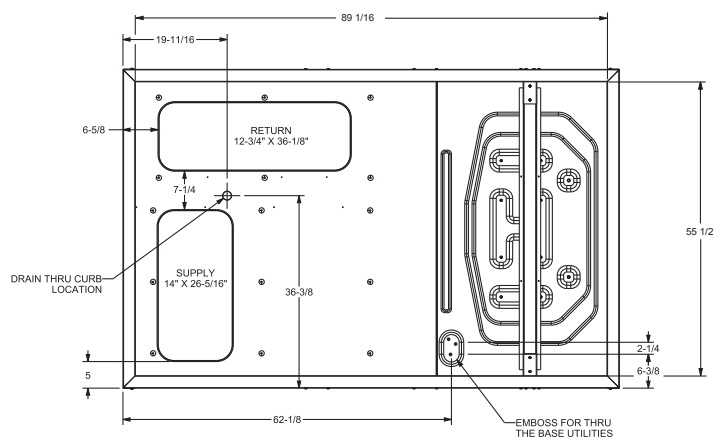
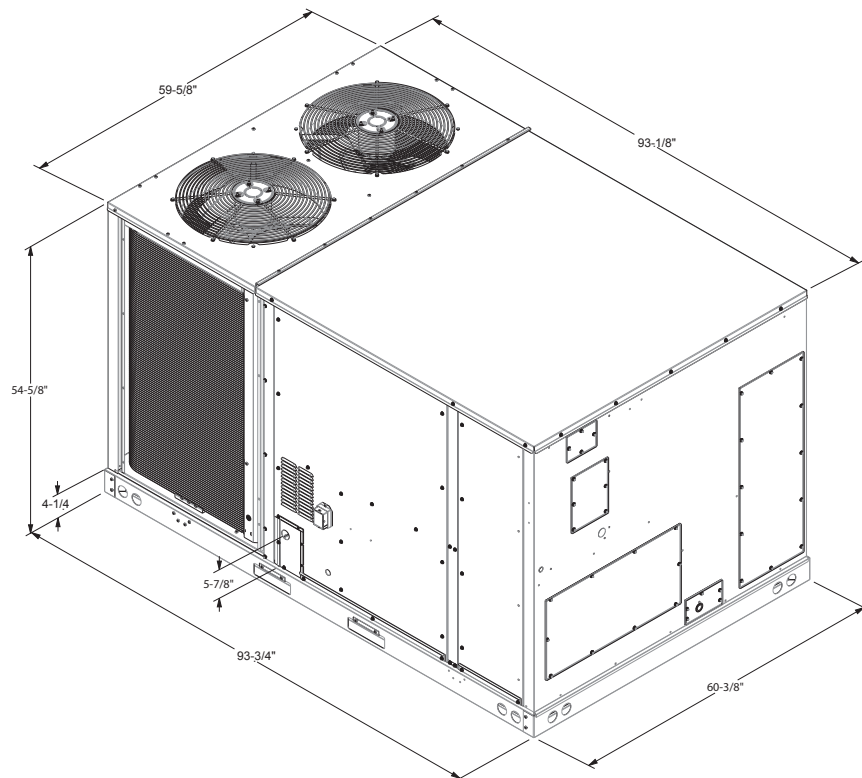
STATIC PRESSURE	12.5 TON SOUND (DB) AT 60 HZ										
	Indoor CFM	Componet	A-Weighted	63	125	250	500	1000	2000	4000	8000
0.8	5,000	Discharge	78.5	92.6	82.0	73.2	74.2	74.5	69.4	68.6	63.2
		Inlet	70.1	92.3	78.8	68.7	64.0	62.2	57.7	57.3	52.2
1.4		Discharge	79.5	93.1	84.7	77.1	74.9	75.4	69.9	68.9	63.8
		Inlet	72.0	91.9	82.6	72.5	66.4	63.8	59.5	58.8	53.8
2.0		Discharge	82.4	100.4	90.1	78.2	77.3	77.2	72.9	71.1	66.7
		Inlet	73.4	93.2	84.0	73.1	67.9	65.0	61.4	60.7	56.0
N/A	N/A	Outdoor	85.8	-	71.7	78.5	79.5	80.5	78.3	72.3	64.7

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

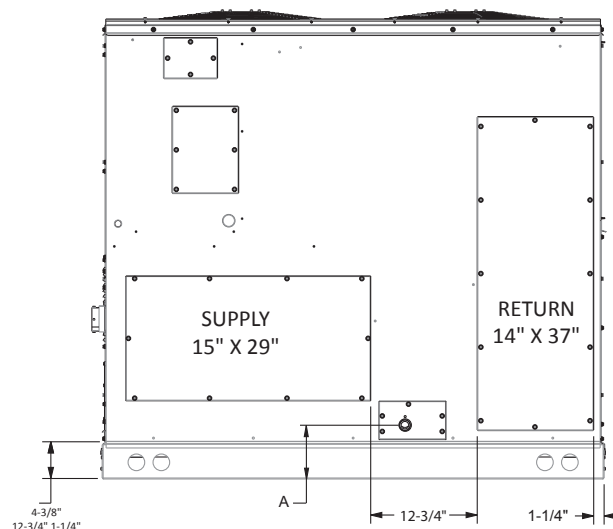
² Discharge and Inlet sound data was measured in accordance with AHRI standard 260.

³ 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.

⁴ 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 standards 230 and 260.

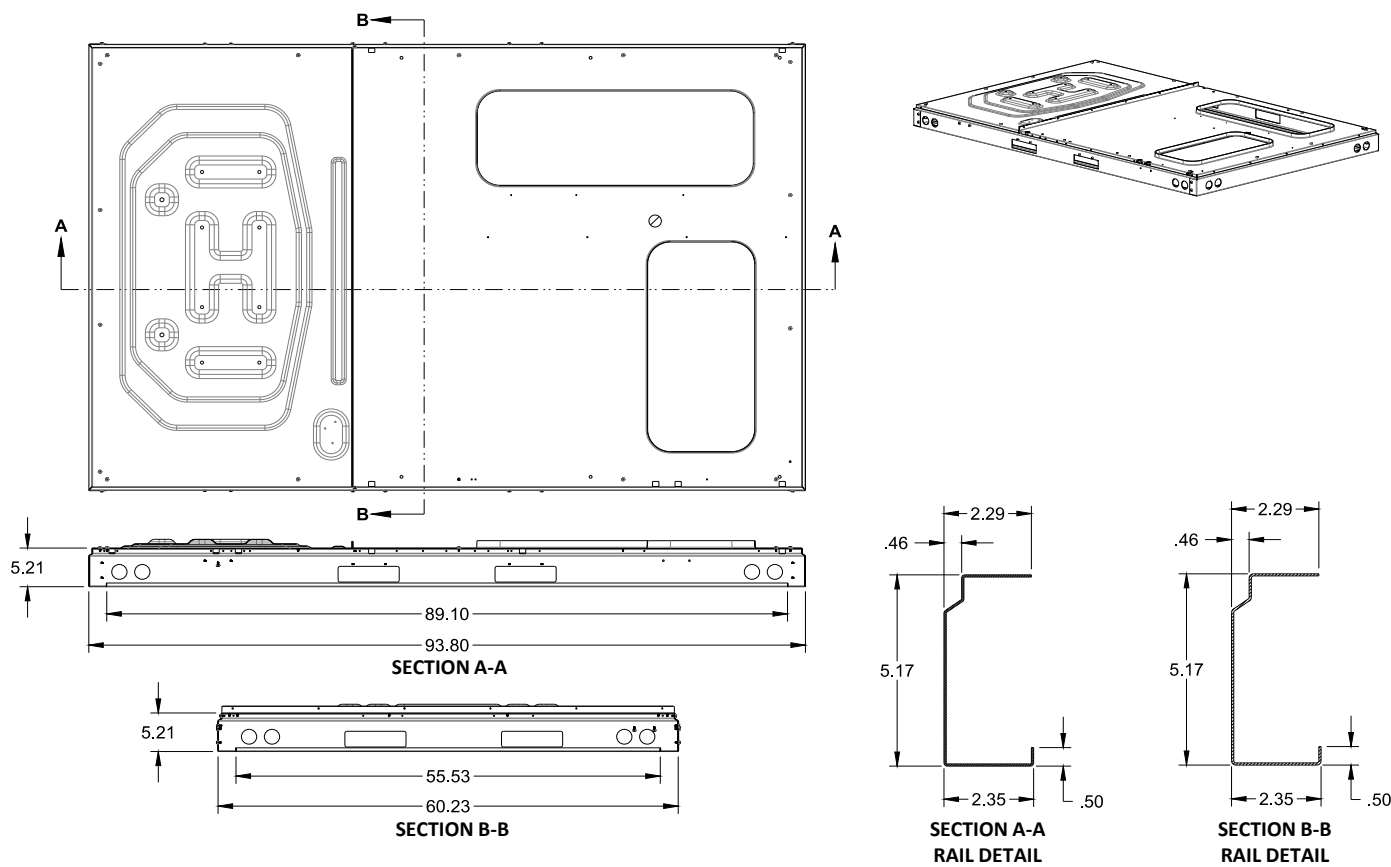


Model Size	DIM "A"
DSG 090	8.96
DSG 102	8.96
DSG 120	6.46
DSG 150	6.46



HORIZONTAL DISCHARGE

Light Commercial Base Rails



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SS-DSG7-R32

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	0.92	0.86	0.74	0.6	0.93	0.86	0.74	0.6	0.96	0.89	0.77	0.6	1.00	0.92	0.79	0.7	1.00	0.97	0.83	0.7	1.00	1.00	0.92	0.8
		ΔT	29.86	28.12	24.88	21.5	29.81	28.07	24.83	21.5	30.05	28.32	25.07	21.7	29.79	28.05	24.81	21.5	28.15	27.82	24.58	21.2	26.56	27.01	25.67	22.3
		kW	5.43	5.43	5.42	5.5	6.07	6.06	6.05	6.1	6.78	6.78	6.77	6.8	7.55	7.55	7.54	7.6	8.41	8.41	8.40	8.4	9.42	9.42	9.41	9.5
		Amps	21.31	21.28	21.23	21.5	24.23	24.20	24.15	24.4	27.49	27.46	27.41	27.6	31.01	30.99	30.94	31.2	34.95	34.93	34.88	35.1	39.58	39.55	39.50	39.7
	3000	Hi PR	262	263	265	269.4	303	304	306	310.5	346	347	349	353.4	392	393	395	399.7	442	443	445	449.6	495	497	498	502.9
		Lo PR	136	137	141	146.2	144	141	149	154.3	151	142	156	161.4	115	141	162	167.4	161	142	165	173.3	166	172	175	178.0
		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	0.93	0.80	0.7	1.00	0.94	0.80	0.7	1.00	0.97	0.83	0.7	1.00	1.00	0.86	0.7	1.00	1.00	0.90	0.7	1.00	1.00	0.99	0.8
		ΔT	28.74	27.07	23.83	20.5	28.49	27.02	23.78	20.4	27.77	27.27	24.02	20.7	26.52	26.91	23.76	20.4	25.00	25.39	23.53	20.2	23.61	24.00	24.62	21.3
3375	kW	5.46	5.46	5.45	5.5	6.10	6.10	6.09	6.1	6.81	6.81	6.80	6.8	7.59	7.58	7.57	7.6	8.45	8.44	8.43	8.5	9.46	9.45	9.44	9.5	
	Amps	21.46	21.43	21.38	21.6	24.38	24.35	24.30	24.5	27.64	27.61	27.56	27.8	31.16	31.14	31.09	31.3	35.10	35.08	35.03	35.3	39.73	39.71	39.66	39.9	
	Hi PR	264	265	267	271.6	305	306	308	312.7	348	349	351	355.7	394	396	397	401.9	444	445	447	451.8	498	499	501	505.1	
	Lo PR	139	139	143	148.2	146	142	151	156.3	153	141	158	163.4	159	160	164	169.4	165	166	166	175.2	172	174	165	181.3	
	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	
3375	S/T	1.00	1.00	0.85	0.7	1.00	1.00	0.85	0.7	1.00	1.00	0.88	0.7	1.00	1.00	0.91	0.7	1.00	1.00	0.96	0.8	1.00	1.00	1.00	0.9	
	ΔT	25.93	26.19	22.94	19.6	25.71	26.06	22.90	19.5	25.07	25.42	23.14	19.8	23.96	24.31	22.88	19.5	22.61	22.96	22.65	19.3	21.37	21.72	22.46	20.4	
	kW	5.49	5.49	5.48	5.5	6.13	6.13	6.11	6.2	6.84	6.84	6.83	6.9	7.61	7.61	7.60	7.6	8.47	8.47	8.46	8.5	9.48	9.48	9.47	9.5	
	Amps	21.58	21.56	21.51	21.7	24.50	24.48	24.43	24.7	27.76	27.74	27.69	27.9	31.29	31.27	31.22	31.4	35.23	35.21	35.16	35.4	39.86	39.83	39.78	40.0	
	Hi PR	266	267	269	273.8	307	308	310	314.8	342	350	351	353	357.8	397	398	400	404.1	446	448	449	454.0	500	501	503	507.2
Lo PR	140	140	145	150.4	148	149	153	158.4	155	156	160	165.5	161	162	166	171.5	167	168	165	174	176	178	178	184.8		

dry Bulb Temperature
is measured at the liquid and suction access fittings.

Shaded area reflects ACCA (TVA) conditions

kW = Total system power
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								
IDB	Airflow	IDWB	59	63	67	71	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	2975	MBh	98.8	100.2	103.1	-	97.9	99.3	102.2	-	95.3	96.7	99.7	-	90.9	92.3	95.2	-	85.5	86.9	89.8	-	80.5	81.9	84.9	-	80.5	81.9	84.9	-
		S/T	0.61	0.54	0.42	-	0.61	0.54	0.42	-	0.63	0.57	0.44	-	0.66	0.58	0.46	-	0.69	0.61	0.47	-	0.78	0.69	0.54	-	0.78	0.69	0.54	-
		ΔT	18.30	16.56	13.32	-	18.25	16.51	13.27	-	18.49	16.76	13.51	-	18.23	16.49	13.25	-	18.00	16.26	13.02	-	19.09	17.35	14.11	-	19.09	17.35	14.11	-
		kW	6.27	6.26	6.25	-	6.96	6.96	6.94	-	7.73	7.73	7.72	-	8.57	8.56	8.55	-	9.50	9.50	9.49	-	10.60	10.60	10.58	-	10.60	10.60	10.58	-
		Amps	24.38	24.36	24.30	-	27.55	27.53	27.47	-	31.09	31.06	31.01	-	34.92	34.89	34.84	-	39.19	39.17	39.11	-	44.21	44.19	44.13	-	44.21	44.19	44.13	-
	3200	Hi PR	266	267	269	-	308	309	311	-	351	353	355	-	399	400	402	-	449	451	453	-	504	505	507	-	504	505	507	-
		Lo PR	130	131	134	-	137	139	142	-	144	146	149	-	150	152	155	-	156	157	161	-	163	164	168	-	163	164	168	-
		MBh	100.0	101.4	104.3	-	99.1	100.5	103.4	-	96.5	97.9	100.9	-	92.1	93.5	96.4	-	86.7	88.1	91.0	-	81.7	83.1	86.1	-	81.7	83.1	86.1	-
		S/T	0.62	0.56	0.43	-	0.63	0.56	0.43	-	0.65	0.58	0.45	-	0.68	0.60	0.46	-	0.71	0.63	0.48	-	0.80	0.71	0.55	-	0.80	0.71	0.55	-
		ΔT	17.73	16.00	12.75	-	17.68	15.95	12.70	-	17.93	16.19	12.95	-	17.67	15.93	12.69	-	17.44	15.70	12.45	-	18.52	16.79	13.54	-	18.52	16.79	13.54	-
75	2975	kW	6.29	6.28	6.27	-	6.98	6.97	6.96	-	7.75	7.75	7.74	-	8.59	8.58	8.57	-	9.52	9.52	9.51	-	10.62	10.61	10.60	-	10.62	10.61	10.60	-
		Amps	24.47	24.45	24.39	-	27.64	27.62	27.56	-	31.18	31.15	31.10	-	35.00	34.98	34.93	-	39.28	39.26	39.20	-	44.30	44.27	44.22	-	44.30	44.27	44.22	-
		Hi PR	267	268	270	-	309	310	312	-	353	354	356	-	400	401	403	-	451	452	454	-	505	506	508	-	505	506	508	-
		Lo PR	131	132	136	-	138	140	143	-	145	147	150	-	151	153	156	-	157	158	162	-	164	166	169	-	164	166	169	-
		MBh	102.6	103.9	106.9	-	101.7	103.1	106.0	-	99.1	100.5	103.4	-	94.7	96.0	99.0	-	89.2	90.6	93.6	-	84.3	85.7	88.6	-	84.3	85.7	88.6	-
	3825	S/T	0.67	0.59	0.45	-	0.68	0.60	0.45	-	0.70	0.62	0.47	-	0.73	0.64	0.48	-	0.76	0.67	0.50	-	0.86	0.76	0.58	-	0.86	0.76	0.58	-
		ΔT	16.40	14.66	11.42	-	16.35	14.61	11.37	-	16.60	14.86	11.62	-	16.33	14.60	11.35	-	16.10	14.36	11.12	-	17.19	15.45	12.21	-	17.19	15.45	12.21	-
		kW	6.33	6.33	6.32	-	7.03	7.02	7.01	-	7.80	7.79	7.78	-	8.63	8.63	8.62	-	9.57	9.56	9.55	-	10.67	10.66	10.65	-	10.67	10.66	10.65	-
		Amps	24.68	24.65	24.60	-	27.85	27.82	27.77	-	31.38	31.36	31.31	-	35.21	35.19	35.13	-	39.49	39.46	39.41	-	44.51	44.48	44.43	-	44.51	44.48	44.43	-
		Hi PR	271	272	274	-	312	314	315	-	356	357	359	-	403	404	406	-	454	455	457	-	508	510	511	-	508	510	511	-
		Lo PR	134	136	139	-	142	143	147	-	149	150	154	-	149	156	159	-	160	162	165	-	167	169	172	-	167	169	172	-

		Outdoor Ambient Temperature																																								
		65						75						85						95						105						115										
IDB	Airflow	ID	WB	59	63	67	71	75	79	83	87	91	95	99	103	107	111	115	119	123	127	131	135	139	143	147	151	155	159	163	167	171	175	179	183	187	191	195	199	203		
80	2975	MBh	99.8	101.2	104.1	108.6	98.9	100.3	103.3	107.8	96.3	97.7	100.7	105.2	91.9	93.3	240.0	100.7	86.5	87.9	90.8	95.3	81.5	82.9	85.9	90.4	85.5	87.9	90.8	95.3	81.5	82.9	85.9	90.4	85.5	87.9	90.8	95.3	81.5	82.9	85.9	90.4
		S/T	0.85	0.78	0.66	0.5	0.86	0.79	0.66	0.5	0.89	0.82	0.69	0.6	0.92	0.85	0.29	0.6	0.97	0.89	0.75	0.6	1.00	0.99	0.83	0.7	1.00	0.99	0.83	0.7	1.00	0.99	0.83	0.7	1.00	0.99	0.83	0.7	1.00	0.99	0.83	0.7
		ΔT	25.96	24.22	20.98	17.6	25.91	24.18	20.93	17.6	26.16	24.42	21.18	17.8	25.90	24.16	20.92	17.6	25.66	23.93	20.68	17.3	24.92	25.01	21.77	18.4	24.92	23.93	20.68	17.3	24.92	25.01	21.77	18.4	24.92	23.93	20.68	17.3	24.92	25.01	21.77	18.4
		kW	6.27	6.26	6.25	6.3	6.96	6.95	6.94	7.0	7.73	7.73	7.72	7.8	8.57	8.56	8.55	8.6	9.50	9.50	9.49	9.5	10.60	10.59	10.58	10.6	10.60	10.59	9.49	9.5	10.60	10.59	10.58	10.6	10.60	10.59	9.49	9.5	10.60	10.59	10.58	10.6
		Amps	24.38	24.35	24.30	24.5	27.55	27.52	27.47	27.7	31.09	31.06	31.01	31.2	34.91	34.89	34.83	35.1	39.19	39.16	39.11	39.4	44.21	44.18	44.13	44.4	44.21	39.16	39.11	39.4	44.21	44.18	44.13	44.4	44.21	39.16	39.11	39.4	44.21	44.18	44.13	44.4
		Hi PR	267	268	270	274.3	308	310	311	316.1	352	353	355	359.8	399	401	402	407.0	450	451	453	457.8	504	506	507	512.1	504	451	453	457.8	504	506	507	512.1	504	451	453	457.8	504	506	507	512.1
		Lo PR	128	132	135	140.5	128	140	143	148.4	128	146	150	155.2	151	152	156	161.0	156	151	161	166.7	163	165	168	173.8	163	151	161	166.7	163	165	168	173.8	163	151	161	166.7	163	165	168	173.8
80	3200	MBh	100.6	101.9	104.9	109.4	99.7	101.1	104.0	108.5	97.1	98.5	101.4	105.9	92.7	94.1	97.0	101.5	87.2	88.6	91.6	96.1	82.3	83.7	86.6	91.1	82.3	88.6	91.6	96.1	82.3	83.7	86.6	91.1	82.3	88.6	91.6	96.1	82.3	83.7	86.6	91.1
		S/T	0.89	0.82	0.69	0.5	0.90	0.82	0.69	0.6	0.93	0.85	0.72	0.6	0.96	0.88	0.74	0.6	1.00	0.93	0.77	0.6	1.00	1.00	0.86	0.7	1.00	0.93	0.77	0.6	1.00	1.00	0.86	0.7	1.00	0.93	0.77	0.6	1.00	1.00	0.86	0.7
		ΔT	25.40	23.66	20.42	17.1	25.35	23.61	20.37	17.0	25.59	23.86	20.61	17.3	25.33	23.59	20.35	17.0	24.78	23.36	20.12	16.8	23.38	23.77	21.21	17.8	23.38	23.36	20.12	16.8	23.38	23.77	21.21	17.8	23.38	23.36	20.12	16.8	23.38	23.77	21.21	17.8
		kW	6.29	6.28	6.27	6.3	6.98	6.97	6.96	7.0	7.75	7.75	7.73	7.8	8.59	8.58	8.57	8.6	9.52	9.52	9.51	9.6	10.62	10.61	10.60	10.7	10.62	9.52	9.51	9.6	10.62	10.61	10.60	10.7	10.62	9.52	9.51	9.6	10.62	10.61	10.60	10.7
		Amps	24.47	24.44	24.39	24.6	27.64	27.61	27.56	27.8	31.17	31.15	31.09	31.3	35.00	34.98	34.92	35.2	39.28	39.25	39.20	39.4	44.30	44.27	44.22	44.5	44.30	39.25	39.20	39.4	44.30	44.27	44.22	44.5	44.30	39.25	39.20	39.4	44.30	44.27	44.22	44.5
		Hi PR	268	269	271	275.5	310	311	313	317.3	353	355	356	361.1	401	402	404	408.2	451	453	454	459.1	506	507	509	513.3	506	453	454	459.1	506	507	509	513.3	506	453	454	459.1	506	507	509	513.3
		Lo PR	127	133	136	141.6	127	141	144	149.4	146	148	151	156.3	152	152	157	162.1	157	153	162	167.8	165	166	169	174.9	165	153	162	167.8	165	166	169	174.9	165	153	162	167.8	165	166	169	174.9
3825		MBh	103.1	104.5	107.5	112.0	102.2	103.6	106.6	111.1	99.7	101.1	104.0	108.5	95.2	96.6	99.6	104.1	89.8	91.2	94.1	98.7	84.9	86.3	89.2	93.7	84.9	86.3	89.2	93.7	84.9	86.3	89.2	93.7	84.9	86.3	89.2	93.7	84.9	86.3	89.2	93.7
		S/T	0.98	0.90	0.75	0.6	0.99	0.90	0.75	0.6	1.00	0.94	0.78	0.6	1.00	0.97	0.80	0.6	1.00	1.00	0.84	0.7	1.00	1.00	0.94	0.7	1.00	1.00	0.84	0.7	1.00	1.00	0.94	0.7	1.00	1.00	0.94	0.7	1.00	1.00	0.94	0.7
		ΔT	24.06	22.33	19.08	15.7	24.02	22.28	19.04	15.7	23.69	22.52	19.28	15.9	22.63	22.26	19.02	15.7	21.34	21.68	18.79	15.4	20.17	20.50	19.87	16.5	20.17	20.50	19.87	16.5	20.17	20.50	19.87	16.5	20.17	20.50	19.87	16.5	20.17	20.50	19.87	16.5
		kW	6.33	6.33	6.32	6.4	7.02	7.02	7.01	7.1	7.80	7.79	7.78	7.8	8.63	8.63	8.62	8.7	9.57	9.56	9.55	9.6	10.66	10.66	10.65	10.7	10.66	9.56	9.55	9.6	10.66	10.66	10.65	10.7	10.66	9.56	9.55	9.6	10.66	10.66	10.65	10.7
		Amps	24.68	24.65	24.60	24.8	27.84	27.82	27.76	28.0	31.38	31.36	31.30	31.5	35.21	35.18	35.13	35.4	39.49	39.46	39.41	39.6	44.50	44.48	44.42	44.7	44.50	39.46	39.41	39.6	44.50	44.48	44.42	44.7	44.50	39.46	39.41	39.6	44.50	44.48	44.42	44.7
		Hi PR	271	272	274	278.9	313	314	316	320.7	357	358	360	364.5	404	405	407	411.7	455	456	458	462.5	509	510	512	516.8	509	456	458	462.5	509	510	512	516.8	509	456	458	462.5	509	510	512	516.8
		Lo PR	128	136	140	145.0	128	144	147	152.8	149	151	154	159.7	155	152	160	165.5	161	162	166	171.2	168	170	171	178.3	168	162	166	171.2	168	170	171	178.3	168	162	166	171.2	168	170	171	178.3

85			Outdoor Ambient Temperature																																																																																															
			65								75								85								95								105								115																																																							
	IDB	Airflow	59	63	67	71	75	79	83	87	91	95	99	103	107	111	115	119	123	127	131	135	139	143	147	151	155	159	163	167	171	175	179	183	187	191	195	199	203	207	211	215	219																																																							
	2975	MBh	101.5	102.9	105.8	110.3	100.6	102.0	104.9	109.4	98.0	99.4	102.3	106.8	93.6	95.0	97.9	102.4	88.1	89.5	92.5	97.0	83.2	84.6	87.5	92.0	83.2	89.5	92.5	97.0	83.2	84.6	87.5	92.0	83.2	89.5	92.5	97.0	83.2	84.6	87.5	92.0																																																								
		S/T	0.95	0.88	0.75	0.6	0.95	0.89	0.76	0.6	0.99	0.92	0.79	0.7	1.00	0.95	0.81	0.7	1.00	1.00	0.85	0.7	1.00	1.00	0.94	0.8	1.00	1.00	0.85	0.7	1.00	1.00	0.94	0.8	1.00	1.00	0.94	0.8																																																												
		ΔT	29.37	27.63	24.39	21.0	29.32	27.59	24.34	21.0	29.57	27.83	24.59	21.2	28.59	27.57	24.33	21.0	26.93	27.34	24.09	20.7	25.42	25.85	25.18	21.8	25.42	27.34	24.09	20.7	25.42	25.85	25.18	21.8	25.42	27.34	24.09	20.7	25.42	25.85	25.18	21.8																																																								
		kW	6.28	6.28	6.26	6.3	6.97	6.97	6.96	7.0	7.75	7.74	7.73	7.8	8.58	8.58	8.57	8.6	9.52	9.51	9.50	9.6	10.61	10.61	10.60	10.6	10.61	9.51	9.50	9.6	10.61	10.61	10.60	10.6	10.61	9.51	9.50	9.6	10.61	10.61	10.60	10.6																																																								
	Amps	24.44	24.41	24.36	24.6	27.61	27.58	27.53	27.8	31.15	31.12	31.07	31.3	34.97	34.95	34.89	35.1	39.25	39.23	39.17	39.4	44.27	44.24	44.19	44.4	44.27	39.23	39.17	39.4	44.27	44.24	44.19	44.4	44.27	39.23	39.17	39.4	44.27	44.24	44.19	44.4																																																									
	Hi PR	268	269	271	275.5	310	311	313	317.3	353	355	356	361.1	401	402	404	408.2	451	453	454	459.1	506	507	509	513.3	506	453	454	459.1	506	507	509	513.3	506	453	454	459.1	506	507	509	513.3																																																									
	Lo PR	132	134	137	142.5	140	142	145	150.3	147	142	152	157.2	153	141	157	163.0	158	142	163	168.6	165	167	170	175.8	165	142	163	168.6	165	167	170	175.8	165	142	163	168.6	165	167	170	175.8																																																									
3200			Outdoor Ambient Temperature																																																																																															
			65								75								85								95								105								115																																																							
	MBh	102.2	103.6	106.6	111.1	101.3	102.7	105.7	110.2	98.8	100.1	103.1	107.6	94.3	95.7	98.7	103.2	88.9	90.3	93.2	97.7	84.0	85.3	88.3	92.8	84.0	90.3	93.2	97.7	84.0	85.3	88.3	92.8	84.0	90.3	93.2	97.7	84.0	85.3	88.3	92.8																																																									
	S/T	0.99	0.92	0.79	0.6	1.00	0.93	0.79	0.7	1.00	0.96	0.82	0.7	1.00	0.99	0.85	0.7	1.00	1.00	0.89	0.7	1.00	1.00	0.98	0.8	1.00	1.00	0.89	0.7	1.00	1.00	0.98	0.8	1.00	1.00	0.98	0.8																																																													
	ΔT	28.81	27.07	23.83	20.5	28.76	27.02	23.78	20.4	28.06	27.27	24.02	20.7	26.80	27.00	23.76	20.4	25.26	25.65	23.53	20.2	23.85	24.25	24.62	21.3	23.85	25.65	23.53	20.2	23.85	24.25	24.62	21.3	23.85	25.65	23.53	20.2	23.85	24.25	24.62	21.3																																																									
	kW	6.30	6.29	6.28	6.3	6.99	6.99	6.98	7.0	7.77	7.76	7.75	7.8	8.60	8.60	8.58	8.6	9.54	9.53	9.52	9.6	10.63	10.63	10.62	10.7	10.63	9.53	9.52	9.6	10.63	10.63	10.62	10.7	10.63	9.53	9.52	9.6	10.63	10.63	10.62	10.7																																																									
	Amps	24.53	24.50	24.45	24.7	27.70	27.67	27.62	27.9	31.23	31.21	31.15	31.4	35.06	35.04	34.98	35.2	39.34	39.31	39.26	39.5	44.36	44.33	44.28	44.5	44.36	39.31	39.26	39.5	44.36	44.33	44.28	44.5	44.36	39.31	39.26	39.5	44.36	44.33	44.28	44.5																																																									
	Hi PR	269	270	272	276.7	311	312	314	318.5	355	356	358	362.3	402	403	405	409.5	453	454	456	460.3	507	508	510	514.6	507	453	454	456	460.3	507	508	510	514.6	507	453	454	456	460.3	507	508	510	514.6																																																							
	Lo PR	133	135	138	143.5	115	141	146	151.4	148	142	153	158.2	154	142	159	164.0	159	161	164	169.7	167	168	166	176.9	167	142	164	169.7	167	168	166	176.9	167	142	164	169.7	167	168	166	176.9																																																									
	3825			Outdoor Ambient Temperature																																																																																														
65								75								85								95								105								115																																																										
MBh		104.8	106.2	109.1	113.6	103.9	105.3	108.2	112.7	101.3	102.7	105.7	110.2	96.9	98.3	101.2	105.7	91.5	92.9	95.8	100.3	86.5	87.9	90.9	95.4	86.5	92.9	95.8	100.3	86.5	87.9	90.9	95.4	86.5	92.9	95.8	100.3	86.5	87.9	90.9	95.4																																																									
S/T		1.00	1.00	0.87	0.7	1.00	1.00	0.87	0.7	1.00	1.00	0.90	0.7	1.00	1.00	0.93	0.8	1.00	1.00	0.97	0.8	1.00	1.00	0.99	0.9	1.00	1.00	0.97	0.8	1.00	1.00	0.99	0.9	1.00	1.00	0.99	0.9																																																													
ΔT		24.90	25.23	22.49	19.1	24.69	25.02	22.45	19.1	24.08	24.41	22.69	19.3	23.03	23.36	22.43	19.1	21.74	22.07	22.20	18.8	20.56	20.90	21.60	19.9	20.56	22.07	22.20	18.8	20.56	20.90	21.60	19.9	20.56	22.07	22.20	18.8	20.56	20.90	21.60	19.9																																																									
kW		6.35	6.34	6.33	6.4	7.04	7.03	7.02	7.1	7.81	7.81	7.79	7.8	8.65	8.64	8.63	8.7	9.58	9.58	9.56	9.6	10.68	10.67	10.66	10.7	10.68	9.58	9.56	9.6	10.68	10.67	10.66	10.7	10.68	9.58	9.56	9.6	10.68	10.67	10.66	10.7																																																									
Amps		24.74	24.71	24.66	24.9	27.90	27.88	27.83	28.1	31.44	31.42	31.36	31.6	35.27	35.24	35.19	35.4	39.55	39.52	39.47	39.7	44.56	44.54	44.48	44.7	44.56	39.52	39.47	39.7	44.56	44.54	44.48	44.7	44.56	39.52	39.47	39.7	44.56	44.54	44.48	44.7																																																									
Hi PR		273	274	276	280.2	314	315	317	322.0	358	359	361	365.8	405	406	408	412.9	456	457	459	463.8	510	512	513	518.0	510	457	459	463.8	510	512	513	518.0	510	457	459	463.8	510	512	513	518.0																																																									
Lo PR		137	138	141	146.9	144	146	149	154.8	151	153	156	161.6	157	159	162	167.4	163	164	165	173.1	170	171	176	180.3	170	146	165	173.1	170	171	176	180.3	170	146	165	173.1	170	171	176	180.3																																																									