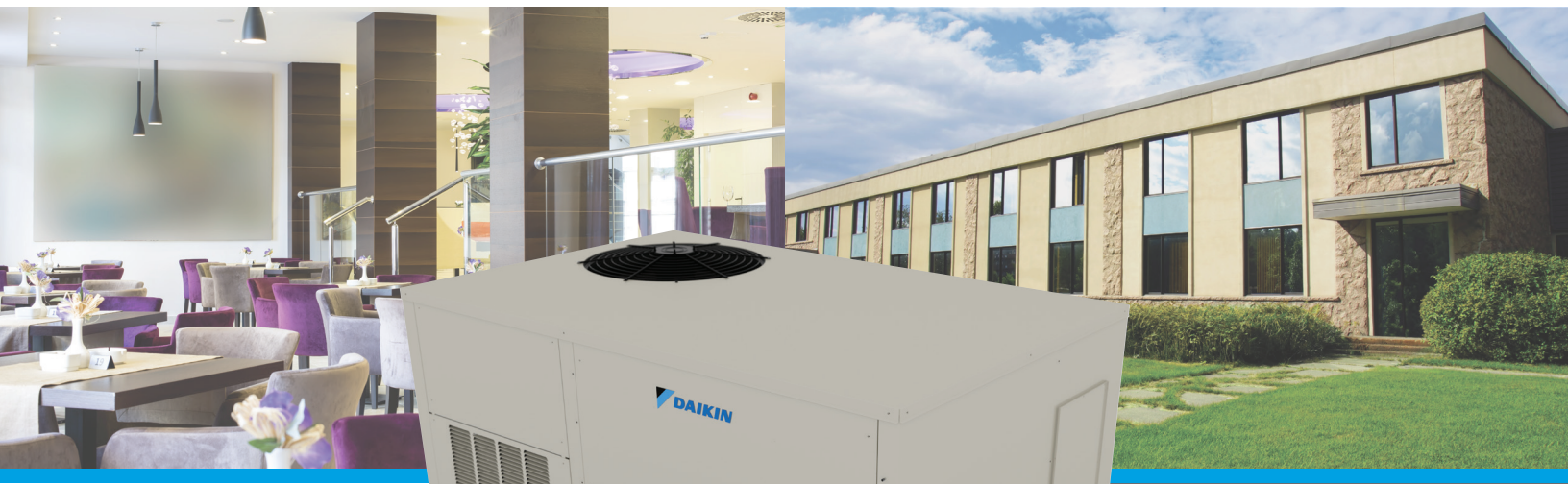




R32 Standard Efficiency Gas/Electric Direct-Drive Packaged Rooftop Unit 3-6 Ton DSG Light Commercial

3-5 TON - Up to 14 SEER2/12 EER2

6 TON - 16.7 IEER/11.8 EER



R32

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

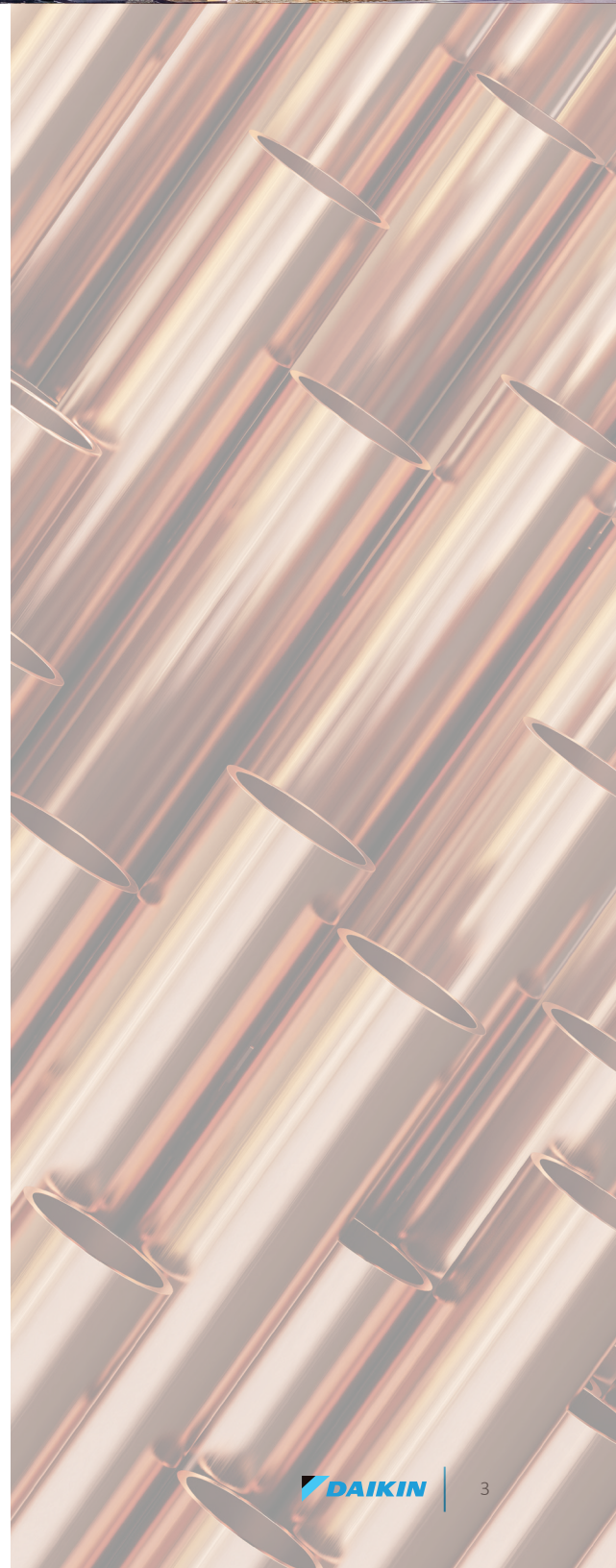
The group philosophy of the company includes:

- » 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	C	A	A	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																				X No Options	
S R32 Standard Efficiency																					
H R 32 High Efficiency																					
Application																				ERW, PE Connection	
C Cooling																				X No Options	
G Gas/Electric																				B Single-point power connection for Power Exhaust	
H Heat Pump																					
Nominal Cooling Capacity																				IAQ	
036 3 Tons 090 7½ Tons 240 20 Tons																				X No Options	
048 4 Tons 102 8½ Tons 300 25 Tons																					
060 5 Tons 120 10 Tons																					
072 6 Tons 150 12½ tons																					
Voltage																				Service Options	
1 208-230/1/60 4 460/3/60																				X No Option	
3 208-230/3/60 7 575/3/60																				A Powered convenience outlet	
Supply Fan/Drive Type/Motor																				B Non-powered convenience outlet	
D Direct Drive - Standard Static																				C Hinge Panels	
L Direct Drive -Medium Static																				D Hinged Panels and Powered convenience outlet	
W Direct Drive - High Static																				E Hinged Panels and non-powered convenience outlet	
Nominal Heating Capacity																				Electrical	
Gas/Electric																				X No Options	
045 45,000 BTU/h XXX No Heat																				A Non-Fused Disconnect	
060 60,000 BTU/h 005 5kW																				B Phase Monitor	
070 70,000 BTU/h 010 10 kW																				C Thru-the-base connections	
080 80,000 BTU/h 015 15 kW																				E Non-Fused Disconnect and Phase Monitor	
090 90,000 BTU/h 020 20 kW																				F Non-Fused Disconnect and Thru-the-base connections	
100 100,000 BTU/h 030 30 kW																				H Phase Monitor and Thru-the-base connections	
115 115,000 BTU/h 045 45kW																				L Non-Fused Disconnect, Thru-the-base connections and Phase Monitor	
125 125,000 BTU/h 060 60kW																					
130 130,000 BTU/h 075 75kW																					
140 140,000 BTU/h																					
150 150,000 BTU/h																				Economizer	
180 180,000 BTU/h S05 5kW S22 20 kW																				X No Options	
210 210,000 BTU/h S10 10 kW S25 25 kW																				A Ultra Low-Leak Downflow Economizer w/ Enthalpy Sensor	
225 225,000 BTU/h S15 15 kW S30 30 kW																				C Low-Leak Downflow Economizer w/ Enthalpy Sensor	
240 240,000 BTU/h S16 15 kW S31 30 kW																				E Ultra Low-Leak Downflow Economizer for DDC controls w/ Enthalpy Sensor	
260 260,000 BTU/h S18 18 kW S45 45 kW																				F Low-Leak Internal Horizontal Economizer w/ Enthalpy Sensor	
350 350,000 BTU/h S20 20 kW S46 45 kW																				G Ultra Low-Leak Downflow Economizer w/ Dry Bulb Sensor	
360 360,000 BTU/h S21 20 kW S60 60 kW																				J Ultra Low-Leak Internal Horizontal Economizer w/ Dry Bulb Sensor	
400 400,000 BTU/h S75 75kW																				L Ultra Low-Leak Internal Horizontal Economizer w/ Dry Bulb Sensor	
480 480,000 BTU/h																				M Ultra Low-Leak Horizontal Economizer for DDC controls w/ Dry Bulb Sensor	
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																					
Heat Exchanger																				Sensors	
X No options																				D R32 Sensor	
A Standard Aluminum Exchanger																				E RA Smoke Detector	
S Stainless Steel Exchanger																				F SA Smoke Detector	
U Ultra Low Nox Stainless Steel Exchanger																				G RA & SA Smoke Detector	
Controls																					
A Electro-Mechanical controls																					
B DDC w/ BACnet interface																					

G/E Stocking Models							
New Daikin 3-6 Ton Direct Drive							
MODEL NUMBER	CODESTRING	MODEL NUMBER	CODESTRING	MODEL NUMBER	CODESTRING	MODEL NUMBER	CODESTRING
DSG0601DL00001S	DSG0601D090AAADXXXXXXXXAA	DSG0361DH00001S	DSG0361D090AAADXXXXXXXXAA	DSG0367DH00001S	DSG0367D090AAADXXXXXXXXAA	DSG0723DL00001S	DSG0723D090CAADXXXXXXXXAA
DSG0601DH00001S	DSG0601D140AAADXXXXXXXXAA	DSG0361DL00001F	DSG0361D100AAADXXXXXXXXAA	DSG0481DL00001S	DSG0481D090AAADXXXXXXXXAA	DSG0723DM00001S	DSG0723D115CAADXXXXXXXXAA
DSG0601D100001F	DSG0601D100AAADXXXXXXXXAA	DSG0361D600001F	DSG0361D060AAADXXXXXXXXAA	DSG0481DH00001S	DSG0481D115AAADXXXXXXXXAA	DSG0723DH00001S	DSG0723D140CAADXXXXXXXXAA
DSG0601D800001F	DSG0601D080AAADXXXXXXXXAA	DSG0361D800001F	DSG0361D080AAADXXXXXXXXAA	DSG0481D100001F	DSG0481D100AAADXXXXXXXXAA	DSG0724DL00001S	DSG0724D090CAADXXXXXXXXAA
DSG0603DL00001S	DSG0603D090AAADXXXXXXXXAA	DSG0363DL00001S	DSG0363D045AAADXXXXXXXXAA	DSG0481D800001F	DSG0481D080AAADXXXXXXXXAA	DSG0724DM00001S	DSG0724D115CAADXXXXXXXXAA
DSG0603DM00001S	DSG0603D115AAADXXXXXXXXAA	DSG0363DM00001S	DSG0363D070AAADXXXXXXXXAA	DSG0483DL00001S	DSG0483D070AAADXXXXXXXXAA	DSG0724DH00001S	DSG0724D140CAADXXXXXXXXAA
DSG0603DH00001S	DSG0603D140AAADXXXXXXXXAA	DSG0363DH00001S	DSG0363D090AAADXXXXXXXXAA	DSG0483DM00001S	DSG0483D090AAADXXXXXXXXAA	DSG0727DL00001S	DSG0727D090CAADXXXXXXXXAA
DSG0603DL00001F	DSG0603D100AAADXXXXXXXXAA	DSG0363DL00001F	DSG0363D100AAADXXXXXXXXAA	DSG0483DH00001S	DSG0483D115AAADXXXXXXXXAA	DSG0727DM00001S	DSG0727D115CAADXXXXXXXXAA
DSG0603D800001F	DSG0603D080AAADXXXXXXXXAA	DSG0363D600001F	DSG0363D060AAADXXXXXXXXAA	DSG0483D100001F	DSG0483D100AAADXXXXXXXXAA	DSG0727DH00001S	DSG0727D140CAADXXXXXXXXAA
DSG0604DL00001S	DSG0604D090AAADXXXXXXXXAA	DSG0363D800001F	DSG0363D080AAADXXXXXXXXAA	DSG0483D800001F	DSG0483D080AAADXXXXXXXXAA	DSG0723WL00001F	DSG0723W090CAADXXXXXXXXAA
DSG0604DM00001S	DSG0604D115AAADXXXXXXXXAA	DSG0364DL00001S	DSG0364D045AAADXXXXXXXXAA	DSG0484DL00001S	DSG0484D070AAADXXXXXXXXAA	DSG0723WM00001F	DSG0723W115CAADXXXXXXXXAA
DSG0604DH00001S	DSG0604D115AAADXXXXXXXXAA	DSG0364DM00001S	DSG0364D070AAADXXXXXXXXAA	DSG0484DM00001S	DSG0484D090AAADXXXXXXXXAA	DSG0723WH00001F	DSG0723W140CAADXXXXXXXXAA
DSG0604D100001F	DSG0604D100AAADXXXXXXXXAA	DSG0364DH00001S	DSG0364D090AAADXXXXXXXXAA	DSG0484DH00001S	DSG0484D115AAADXXXXXXXXAA	DSG0724WL00001F	DSG0724W090CAADXXXXXXXXAA
DSG0604D800001F	DSG0604D080AAADXXXXXXXXAA	DSG0364D100001F	DSG0364D100AAADXXXXXXXXAA	DSG0484D100001F	DSG0484D100AAADXXXXXXXXAA	DSG0724WM00001F	DSG0724W115CAADXXXXXXXXAA
DSG0607DH00001S	DSG0607D140AAADXXXXXXXXAA	DSG0364D600001F	DSG0364D060AAADXXXXXXXXAA	DSG0484D800001F	DSG0484D080AAADXXXXXXXXAA	DSG0724WH00001F	DSG0724W140CAADXXXXXXXXAA
DSG0361DL00001S	DSG0361D045AAADXXXXXXXXAA	DSG0364D800001F	DSG0364D080AAADXXXXXXXXAA	DSG0487DH00001S	DSG0487D115AAADXXXXXXXXAA	DSG0727WL00001F	DSG0727W090CAADXXXXXXXXAA
						DSG0727WM00001F	DSG0727W115CAADXXXXXXXXAA
						DSG0727WH00001F	DSG0727W140CAADXXXXXXXXAA

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 in the field without the need of a curb adapter.

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 (available on small chassis).
- » Unit 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 flanges around the supply and return.
- » The full perimeter base rail is built using heavy gauge galvanized steel for a stronger structural installation. The base rails are a minimum of 3 ½" 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 high and low pressure safety switches.
- » Unit is factory charged with environmentally friendly low gwp R32 refrigerant.
- » Single stage 3-5, 6 ton 2-stage compressor.
- » Compressor location outside the condenser section to avoid air bypass.
- » Internal overload protection included with compressor.

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.

- » Ball bearing Direct-Drive EEM motor removes the need for belts, sheaves, bearings and lubrication.
- » 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 equipped with thermal overload to provide protection and lasting operation.

Coils

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

- » Coils are factory pressure tested to ensure pressure and leak integrity.
- » Copper tube / aluminum fin coils on evaporator
- » All units use large face area outdoor coils
- » Microchannel heat exchanger 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 Terminal strips are provided as standard for easy installation and low voltage power wiring.

- » Terminal strips are provided as standard for easy installation and low voltage power wiring.
- » Units are factory-wired with color-coded wires and complete 24-volt Electromechanical controls package.

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.

Heating Section

Wide range of natural gas selections effectively handle most comfort heating demands 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 single phase 5 ton Gas units have 81% AFUE.
- » All 3-Phase models have a minimum 81% 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 color coded and labeled according to the electrical diagram.
- » A 115 V GFI convenience outlet requiring independent power supply is available as an option.
- » 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.
- » For better serviceability an optional non-fused disconnect switch can be installed 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.
- » Color coded and wire to identify point-to-point component connections.
- » All 3 - 6 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.
- » Screw on style high and low pressure switches allow for ease of replacement without the need for refrigerant recovery.



Model	DSG0361DL00001S	DSG0361DH00001S	DSG0363DL00001S	DSG0363DM00001S	DSG0363DH00001S
COOLING CAPACITY					
Total BTU/H	35,000	35,000	35,000	35,000	35,000
SEER2 / EER2 (IEER / EER for 6T)	14 / 12	14 / 12	14 / 12	14 / 12	14 / 12
AHRI Reference #	215414874	215414874	215414875	215414875	215414875
HEATING CAPACITY					
Heat Range	Low	High	Low	Medium	High
No. of Burners	2	4	2	3	4
High Stage Input / Output (KBTU/H)	45.0/36.5	90.0/72.9	45.0/36.0	70.0/56.0	90.0/72.0
Low Stage Input / Output (KBTU/H)	--	--	33.8/27.0	52.5/42.0	67.5/54.0
Thermal Efficiency (T.E.)	--	--	80	80	80
Annual Fuel Utilization Efficiency (AFUE)	81	81	--	--	--
High Stage Temperature Rise Range (°F)	15-45	25-55	15-45	25-55	25-55
Low Stage Temperature Rise Range (°F)	--	--	10-40	20-50	20-50
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	12 x 11	12 x 11	12 x 11	12 x 11	12 x 11
Indoor Nominal CFM	1160	1160	1160	1160	1160
RPM	1200 MAX	1200 MAX	1200 MAX	1200 MAX	1200 MAX
Indoor Horsepower	3/4	3/4	3/4	3/4	3/4
Filter Size (in)	20 X 25 X 2 (2)	20 X 25 X 2 (2)	20 X 25 X 2 (2)	20 X 25 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.)	46	46	46	46	46
Evaporator Coil Face Area (ft²)	6.41	6.41	6.41	6.41	6.41
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	1	1	1	1	1
RPM (High/Low stage)	810	810	810	810	810
Outdoor Horsepower	1/6	1/6	1/6	1/6	1/6
Fan Diameter / # Fan Blades	22 / 3	22 / 3	22 / 3	22 / 3	22 / 3
Face Area (ft²)	12.3	12.3	12.3	12.3	12.3
Rows Deep / Fins per Inch	1 / 23	1 / 23	1 / 23	1 / 23	1 / 23
COMPRESSOR (ALL SINGLE-STAGE)					
Quantity / Type / Stages	1 / Scroll / 1	1 / Scroll / 1	1 / Scroll / 1	1 / Scroll / 1	1 / Scroll / 1
Compressor RLA / LRA	16.4 / 88	16.4 / 88	10.6 / 97.5	10.6 / 97.5	10.6 / 97.5
ELECTRICAL DATA					
Voltage-Phase-Frequency	208/230-1-60	208/230-1-60	208/230-3-60	208/230-3-60	208/230-3-60
Indoor Blower FLA	5.7	5.7	5.7	5.7	5.7
Max External Static (In. W.C.)	0.8	0.8	0.8	0.8	0.8
Outdoor Fan FLA	0.95	0.95	0.95	0.95	0.95
Min. Circuit Ampacity¹	27.2/27.2	27.2/27.2	19.9/19.9	19.9/19.9	19.9/19.9
Max. Overcurrent Protection (A)²	40/40	40/40	30/30	30/30	30/30
Power Supply Conduit Hole Dia. (in)	1.125	1.125	1.125	1.125	1.125
Low-Voltage Conduit Hole Dia. (in)	0.5	0.5	0.5	0.5	0.5
OPERATING WEIGHT (LBS.)					
Operating Weight (lbs)	500	512	498	504	510
SHIPPING WEIGHT (LBS.)					
Ship Weight (lbs)	570	582	568	574	580

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	DSG0364DL00001S	DSG0364DM00001S	DSG0364DH00001S	DSG0367DH00001S	DSG0361D600001F
COOLING CAPACITY					
Total BTU/H	35,000	35,000	35,000	35,000	35,000
SEER2 / EER2 (IEER / EER for 6T)	14 / 12	14 / 12	14 / 12	14 / 12	14 / 12
AHRI Reference #	215414876	215414876	215414876	215414877	215414874
HEATING CAPACITY					
Heat Range	Low	Medium	High	High	Low
No. of Burners	2	3	4	4	3
High Stage Input / Output (KBTU/H)	45.0/36.0	70.0/56.0	90.0/72.0	90.0/72.0	60.0/48.6
Low Stage Input / Output (KBTU/H)	33.8/27.0	52.5/42.0	67.5/54.0	67.5/54.0	--
Thermal Efficiency (T.E.)	80	80	80	80	--
Annual Fuel Utilization Efficiency (AFUE)	--	--	--	--	81
High Stage Temperature Rise Range (°F)	15-45	25-55	25-55	25-55	30-60
Low Stage Temperature Rise Range (°F)	10-40	20-50	20-50	20-50	--
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	12 x 11	12 x 11	12 x 11	12 x 11	12 x 11
Indoor Nominal CFM	1160	1160	1160	1160	1160
RPM	1500 MAX	1500 MAX	1500 MAX	1500 MAX	1200 MAX
Indoor Horsepower	1.2	1.2	1.2	1.2	3/4
Filter Size (in)	20 X 25 X 2 (2)	20 X 25 X 2 (2)	20 X 25 X 2 (2)	20 X 25 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.)	46	46	46	46	46
Evaporator Coil Face Area (ft ²)	6.41	6.41	6.41	6.41	6.41
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	1	1	1	1	1
RPM (High/Low stage)	810	810	810	810	810
Outdoor Horsepower	1/6	1/6	1/6	1/6	1/6
Fan Diameter / # Fan Blades	22 / 3	22 / 3	22 / 3	22 / 3	22 / 3
Face Area (ft ²)	12.3	12.3	12.3	12.3	12.3
Rows Deep / Fins per Inch	1 / 23	1 / 23	1 / 23	1 / 23	1 / 23
COMPRESSOR (ALL SINGLE-STAGE)					
Quantity / Type / Stages	1 / Scroll / 1	1 / Scroll / 1	1 / Scroll / 1	1 / Scroll / 1	1 / Scroll / 1
Compressor RLA / LRA	4.9 / 44.3	4.9 / 44.3	4.9 / 44.3	3.8 / 27.1	16.4 / 88
ELECTRICAL DATA					
Voltage-Phase-Frequency	460-3-60	460-3-60	575-3-60	575-3-60	208/230-1-60
Indoor Blower FLA	2.5	2.5	2.5	2	5.7
Max External Static (In. W.C.)	0.8	0.8	0.8	0.8	0.8
Outdoor Fan FLA	0.48	0.48	0.48	0.39	0.95
Min. Circuit Ampacity ¹	9.1	9.1	9.1	7.2	27.2/27.2
Max. Overcurrent Protection (A) ²	15	15	15	15	40/40
Power Supply Conduit Hole Dia. (in)	1.125	1.125	1.125	1.125	1.125
Low-Voltage Conduit Hole Dia. (in)	0.5	0.5	0.5	0.5	0.5
OPERATING WEIGHT (LBS.)					
Operating Weight (lbs)	506	511	516	516	506
SHIPPING WEIGHT (LBS.)					
Ship Weight (lbs)	576	581	586	586	576

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	DSG0361D800001F	DSG0361D100001F	DSG0363D600001F	DSG0363D800001F	DSG0363D100001F
COOLING CAPACITY					
Total BTU/H	35,000	35,000	35,000	35,000	35,000
SEER2 / EER2 (IEER / EER for 6T)	14 / 12	14 / 12	14 / 12	14 / 12	14 / 12
AHRI Reference #	215414874	215414874	215414875	215414875	215414875
HEATING CAPACITY					
Heat Range	Medium	High	Low	Medium	High
No. of Burners	4	5	3	4	5
High Stage Input / Output (KBTU/H)	80.0/64.8	100.0/81.0	60.0/48.0	80.0/64.0	100.0/80.0
Low Stage Input / Output (KBTU/H)	--	--	--	--	--
Thermal Efficiency (T.E.)	--	--	80	80	80
Annual Fuel Utilization Efficiency (AFUE)	81	81	--	--	--
High Stage Temperature Rise Range (°F)	30-60	40-70	30-60	30-60	40-70
Low Stage Temperature Rise Range (°F)	--	--	--	--	--
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	12 x 11	12 x 11	12 x 11	12 x 11	12 x 11
Indoor Nominal CFM	1160	1160	1160	1160	1160
RPM	1200 MAX	1200 MAX	1200 MAX	1200 MAX	1200 MAX
Indoor Horsepower	3/4	3/4	3/4	3/4	3/4
Filter Size (in)	20 X 25 X 2 (2)	20 X 25 X 2 (2)	20 X 25 X 2 (2)	20 X 25 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.)	46	46	46	46	46
Evaporator Coil Face Area (ft ²)	6.41	6.41	6.41	6.41	6.41
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	1	1	1	1	1
RPM (High/Low stage)	810	810	810	810	810
Outdoor Horsepower	1/6	1/6	1/6	1/6	1/6
Fan Diameter / # Fan Blades	22 / 3	22 / 3	22 / 3	22 / 3	22 / 3
Face Area (ft ²)	12.3	12.3	12.3	12.3	12.3
Rows Deep / Fins per Inch	1 / 23	1 / 23	1 / 23	1 / 23	1 / 23
COMPRESSOR (ALL SINGLE-STAGE)					
Quantity / Type / Stages	1 / Scroll / 1	1 / Scroll / 1	1 / Scroll / 1	1 / Scroll / 1	1 / Scroll / 1
Compressor RLA / LRA	16.4 / 88	16.4 / 88	10.6 / 97.5	10.6 / 97.5	10.6 / 97.5
ELECTRICAL DATA					
Voltage-Phase-Frequency	208/230-1-60	208/230-1-60	208/230-3-60	208/230-3-60	208/230-3-60
Indoor Blower FLA	5.7	5.7	5.7	5.7	5.7
Max External Static (In. W.C.)	0.8	0.8	0.8	0.8	0.8
Outdoor Fan FLA	0.95	0.95	0.95	0.95	0.95
Min. Circuit Ampacity ¹	27.2/27.3	27.2/27.4	19.9/19.9	19.9/19.9	19.9/19.9
Max. Overcurrent Protection (A) ²	40/40	40/40	30/30	30/30	30/30
Power Supply Conduit Hole Dia. (in)	1.125	1.125	1.125	1.125	1.125
Low-Voltage Conduit Hole Dia. (in)	0.5	0.5	0.5	0.5	0.5
OPERATING WEIGHT (LBS.)					
Operating Weight (lbs)	512	519	504	510	517
SHIPPING WEIGHT (LBS.)					
Ship Weight (lbs)	582	589	574	580	587

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	DSG0364D600001F	DSG0364D800001F	DSG0364D100001F
COOLING CAPACITY			
Total BTU/H	35,000	35,000	35,000
SEER2 / EER2 (IEER / EER for 6T)	14 / 12	14 / 12	14 / 12
AHRI Reference #	215414876	215414876	215414876
HEATING CAPACITY			
Heat Range	Low	Medium	High
No. of Burners	3	4	5
High Stage Input / Output (KBTU/H)	60.0/48.0	80.0/64.0	100.0/80.0
Low Stage Input / Output (KBTU/H)	--	--	--
Thermal Efficiency (T.E.)	80	80	80
Annual Fuel Utilization Efficiency (AFUE)	--	--	--
High Stage Temperature Rise Range (°F)	30-60	30-60	40-70
Low Stage Temperature Rise Range (°F)	--	--	--
EVAPORATOR MOTOR / RTPF (ROUND TUBE PLATE FIN)			
Motor Type	Direct Drive	Direct Drive	Direct Drive
External Static Pressure (ESP)	Standard	Standard	Standard
Wheel Dia. X Width	12 x 11	12 x 11	12 x 11
Indoor Nominal CFM	1160	1160	1160
RPM	1500 MAX	1500 MAX	1500 MAX
Indoor Horsepower	1.2	1.2	1.2
Filter Size (in)	20 X 25 X 2 (2)	20 X 25 X 2 (2)	20 X 25 X 2 (2)
Drain Size (NPT)	3/4	3/4	3/4
R-32 Refrigerant Charge (oz.)	46	46	46
Evaporator Coil Face Area (ft ²)	6.41	6.41	6.41
Rows Deep / Fins per Inch	2 / 16	2 / 16	2 / 16
CONDENSER FAN / MCHX (MICROCHANNEL HEAT EXCHANGER)			
Quantity of Condenser Fan Motors	1	1	1
RPM (High/Low stage)	810	810	810
Outdoor Horsepower	1/6	1/6	1/6
Fan Diameter / # Fan Blades	22 / 3	22 / 3	22 / 3
Face Area (ft ²)	12.3	12.3	12.3
Rows Deep / Fins per Inch	1 / 23	1 / 23	1 / 23
COMPRESSOR (ALL SINGLE-STAGE)			
Quantity / Type / Stages	1 / Scroll / 1	1 / Scroll / 1	1 / Scroll / 1
Compressor RLA / LRA	4.9 / 44.3	4.9 / 44.3	4.9 / 44.3
ELECTRICAL DATA			
Voltage-Phase-Frequency	460-3-60	460-3-60	460-3-60
Indoor Blower FLA	2.5	2.5	2.5
Max External Static (In. W.C.)	0.8	0.8	0.8
Outdoor Fan FLA	0.48	0.48	0.48
Min. Circuit Ampacity ¹	9.1	9.1	9.1
Max. Overcurrent Protection (A) ²	15	15	15
Power Supply Conduit Hole Dia. (in)	1.125	1.125	1.125
Low-Voltage Conduit Hole Dia. (in)	0.5	0.5	0.5
OPERATING WEIGHT (LBS.)			
Operating Weight (lbs)	511	516	520
SHIPPING WEIGHT (LBS.)			
Ship Weight (lbs)	581	586	590

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	DSG0481DL00001S	DSG0481DH00001S	DSG0483DL00001S	DSG0483DM00001S	DSG0483DH00001S
COOLING CAPACITY					
Total BTU/H	46,000	46,000	46,000	46,000	46,000
SEER2 / EER2 (IEER / EER for 6T)	13.7 / 11.8	13.7 / 11.8	13.7 / 11.8	13.7 / 11.8	13.7 / 11.8
AHRI Reference #	215414878	215414878	215414879	215414879	215414879
HEATING CAPACITY					
Heat Range	Low	High	Low	Medium	High
No. of Burners	4	5	3	4	5
High Stage Input / Output (KBTU/H)	90.0/72.9	115.0/93.2	70.0/56.0	90.0/72.0	115.0/92.0
Low Stage Input / Output (KBTU/H)	--	--	52.5/42.0	67.5/54.0	86.3/69.0
Thermal Efficiency (T.E.)	--	--	80	80	80
Annual Fuel Utilization Efficiency (AFUE)	81	81	--	--	--
High Stage Temperature Rise Range (°F)	25-55	30-60	25-55	25-55	30-60
Low Stage Temperature Rise Range (°F)	--	--	20-50	20-50	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	12 x 11	12 x 11	12 x 11	12 x 11	12 x 11
Indoor Nominal CFM	1600	1600	1600	1600	1600
RPM	1200 MAX	1200 MAX	1200 MAX	1200 MAX	1200 MAX
Indoor Horsepower	1.0	1.0	1.0	1.0	1.0
Filter Size (in)	20 X 25 X 2 (2)	20 X 25 X 2 (2)	20 X 25 X 2 (2)	20 X 25 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.)	59	59	59	59	59
Evaporator Coil Face Area (ft²)	6.41	6.41	6.41	6.41	6.41
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	1	1	1	1	1
RPM (High/Low stage)	1122	1122	1122	1122	1122
Outdoor Horsepower	1/3	1/3	1/3	1/3	1/3
Fan Diameter / # Fan Blades	22 / 4	22 / 4	22 / 4	22 / 4	22 / 4
Face Area (ft²)	12.3	12.3	12.3	12.3	12.3
Rows Deep / Fins per Inch	1 / 23	1 / 23	1 / 23	1 / 23	1 / 23
COMPRESSOR (ALL SINGLE-STAGE)					
Quantity / Type / Stages	1 / Scroll / 1	1 / Scroll / 1	1 / Scroll / 1	1 / Scroll / 1	1 / Scroll / 1
Compressor RLA / LRA	19.4 / 127.7	19.4 / 127.7	12.2 / 120.4	12.2 / 120.4	12.2 / 120.4
ELECTRICAL DATA					
Voltage-Phase-Frequency	208/230-1-60	208/230-1-60	208/230-3-60	208/230-3-60	208/230-3-60
Indoor Blower FLA	6.9	6.9	6.9	6.9	6.9
Max External Static (In. W.C.)	0.8	0.8	0.8	0.8	0.8
Outdoor Fan FLA	2	2	2	2	2
Min. Circuit Ampacity ¹	33.1 / 33.1	33.1 / 33.1	24.1 / 24.1	24.1 / 24.1	24.1 / 24.1
Max. Overcurrent Protection (A) ²	50 / 50	50 / 50	35/35	35/35	35/35
Power Supply Conduit Hole Dia. (in)	1.125	1.125	1.125	1.125	1.125
Low-Voltage Conduit Hole Dia. (in)	0.5	0.5	0.5	0.5	0.5
OPERATING WEIGHT (LBS.)					
Operating Weight (lbs)	537	553	532	540	548
SHIPPING WEIGHT (LBS.)					
Ship Weight (lbs)	607	623	602	610	618

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	DSG0484DL00001S	DSG0484DM00001S	DSG0484DH00001S	DSG0487DH00001S	DSG0481D800001F
COOLING CAPACITY					
Total BTU/H	46,000	46,000	46,000	46,000	46,000
SEER2 / EER2 (IEER / EER for 6T)	13.7 / 11.8	13.7 / 11.8	13.7 / 11.8	13.7 / 11.8	13.7 / 11.8
AHRI Reference #	215414880	215414880	215414880	215414881	215414878
HEATING CAPACITY					
Heat Range	Low	Medium	High	High	Medium
No. of Burners	3	4	5	5	4
High Stage Input / Output (KBTU/H)	70.0/56.0	90.0/72.0	115.0/92.0	115.0/92.0	80.0/64.8
Low Stage Input / Output (KBTU/H)	52.5/42.0	67.5/54.0	86.3/69.0	86.3/69.0	--
Thermal Efficiency (T.E.)	80	80	80	80	--
Annual Fuel Utilization Efficiency (AFUE)	--	--	--	--	81
High Stage Temperature Rise Range (°F)	25-55	25-55	30-60	30-60	25-55
Low Stage Temperature Rise Range (°F)	20-50	20-50	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	12 x 11	12 x 11	12 x 11	12 x 11	12 x 11
Indoor Nominal CFM	1600	1600	1600	1600	1600
RPM	1500 MAX	1500 MAX	1500 MAX	1500 MAX	1500 MAX
Indoor Horsepower	1.2	1.2	1.2	1.2	1.0
Filter Size (in)	20 X 25 X 2 (2)	20 X 25 X 2 (2)	20 X 25 X 2 (2)	20 X 25 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.)	59	59	59	59	59
Evaporator Coil Face Area (ft²)	6.41	6.41	6.41	6.41	6.41
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	1	1	1	1	1
RPM (High/Low stage)	1050	1050	1050	1050	1122
Outdoor Horsepower	1/3	1/3	1/3	1/3	1/3
Fan Diameter/ # Fan Blades	22 / 4	22 / 4	22 / 4	22 / 4	22 / 4
Face Area (ft²)	12.3	12.3	12.3	12.3	12.3
Rows Deep / Fins per Inch	1 / 23	1 / 23	1 / 23	1 / 23	1 / 23
COMPRESSOR (ALL SINGLE-STAGE)					
Quantity / Type / Stages	1 / Scroll / 1	1 / Scroll / 1	1 / Scroll / 1	1 / Scroll / 1	1 / Scroll / 1
Compressor RLA / LRA	5.8 / 55.1	5.8 / 55.1	5.8 / 55.1	5.8 / 41	19.4 / 127.7
ELECTRICAL DATA					
Voltage-Phase-Frequency	460-3-60	460-3-60	460-3-60	575-3-60	208/230-1-60
Indoor Blower FLA	2.5	2.5	2.5	2	6.9
Max External Static (In. W.C.)	0.8	0.8	0.8	0.8	0.8
Outdoor Fan FLA	0.85	0.85	0.85	0.67	2
Min. Circuit Ampacity ¹	10.6	10.6	10.6	9.9	33.1/33.1
Max. Overcurrent Protection (A) ²	15	15	15	15	50/50
Power Supply Conduit Hole Dia. (in)	1.125	1.125	1.125	1.125	1.125
Low-Voltage Conduit Hole Dia. (in)	0.5	0.5	0.5	0.5	0.5
OPERATING WEIGHT (LBS.)					
Operating Weight (lbs)	536	544	552	552	537
SHIPPING WEIGHT (LBS.)					
Ship Weight (lbs)	606	614	622	622	607

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	DSG0481D100001F	DSG0483D800001F	DSG0483D100001F	DSG0484D800001F	DSG0484D100001F
COOLING CAPACITY					
Total BTU/H	46,000	46,000	46,000	46,000	47,000
SEER2 / EER2 (IEER / EER for 6T)	13.7 / 11.8	13.7 / 11.8	13.7 / 11.8	13.7 / 11.8	14.0 / 11.5
AHRI Reference #	215414878	215414879	215414879	215414880	215414880
HEATING CAPACITY					
Heat Range	High	Medium	High	Medium	High
No. of Burners	5	4	5	4	5
High Stage Input / Output (KBTU/H)	100.0/81.0	80.0/64.0	100.0/80.0	80.0/64.0	100.0/80.0
Low Stage Input / Output (KBTU/H)	--	--	--	--	--
Thermal Efficiency (T.E.)	--	80	80	80	80
Annual Fuel Utilization Efficiency (AFUE)	81	--	--	--	--
High Stage Temperature Rise Range (°F)	35-65	25-55	35-65	25-55	35-65
Low Stage Temperature Rise Range (°F)	--	--	--	--	--
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	12 x 11	12 x 11	12 x 11	12 x 11	12 x 11
Indoor Nominal CFM	1600	1600	1600	1600	1600
RPM	1200 MAX	1200 MAX	1200 MAX	1500 MAX	1500 MAX
Indoor Horsepower	1.0	1.0	1.0	1.2	1.2
Filter Size (in)	20 X 25 X 2 (2)	20 X 25 X 2 (2)	20 X 25 X 2 (2)	20 X 25 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.)	59	59	59	59	59
Evaporator Coil Face Area (ft²)	6.41	6.41	6.41	6.41	6.41
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	1	1	1	1	1
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 / 4	22 / 4	22 / 4	22 / 4	22 / 4
Face Area (ft²)	12.3	12.3	12.3	12.3	12.3
Rows Deep / Fins per Inch	1 / 23	1 / 23	1 / 23	1 / 23	1 / 23
COMPRESSOR (ALL SINGLE-STAGE)					
Quantity / Type / Stages	1 / Scroll / 1	1 / Scroll / 1	1 / Scroll / 1	1 / Scroll / 1	1 / Scroll / 1
Compressor RLA / LRA	19.4 / 127.7	12.2 / 120.4	12.2 / 120.4	5.8 / 55.1	5.8 / 55.1
ELECTRICAL DATA					
Voltage-Phase-Frequency	208/230-1-60	208/230-3-60	208/230-3-60	460-3-60	460-3-60
Indoor Blower FLA	6.9	6.9	6.9	2.5	2.5
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	33.1/33.1	24.1/24.1	24.1/24.1	10.6	10.6
Max. Overcurrent Protection (A) ²	50/50	35/35	35/35	15	15
Power Supply Conduit Hole Dia. (in)	1.125	1.125	1.125	1.125	1.125
Low-Voltage Conduit Hole Dia. (in)	0.5	0.5	0.5	0.5	0.5
OPERATING WEIGHT (LBS.)					
Operating Weight (lbs)	553	540	548	544	552
SHIPPING WEIGHT (LBS.)					
Ship Weight (lbs)	623	610	618	614	622

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	DSG0601DL00001S	DSG0601DH00001S	DSG0603DL00001S	DSG0603DM00001S	DSG0603DH00001S
COOLING CAPACITY					
Total BTU/H	57,500	57,500	57,500	57,500	57,500
SEER2 / EER2 (IEER / EER for 6T)	13.7 / 11.8	13.7 / 11.8	13.7 / 11.8	13.7 / 11.8	13.7 / 11.8
AHRI Reference #	215414882	215414882	215414883	215414883	215414883
HEATING CAPACITY					
Heat Range	Low	High	Low	Medium	High
No. of Burners	4	6	4	5	6
High Stage Input / Output (KBTU/H)	90.0/72.9	140.0/113.4	90.0/72.0	115.0/92.0	140.0/112.0
Low Stage Input / Output (KBTU/H)	--	--	67.5/54.0	86.3/69.0	105.0/84.0
Thermal Efficiency (T.E.)	--	--	80	80	80
Annual Fuel Utilization Efficiency (AFUE)	81	81	--	--	--
High Stage Temperature Rise Range (°F)	30-60	35-65	30-60	45-75	35-65
Low Stage Temperature Rise Range (°F)	--	--	25-55	40-70	35-65
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	12 x 11	12 x 11	12 x 11	12 x 11	12 x 11
Indoor Nominal CFM	1860	1860	1860	1860	1860
RPM	1200 MAX	1200 MAX	1200 MAX	1200 MAX	1200 MAX
Indoor Horsepower	1.0	1.0	1.0	1.0	1.0
Filter Size (in)	20 X 25 X 2 (2)	20 X 25 X 2 (2)	20 X 25 X 2 (2)	20 X 25 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.)	63	63	63	63	63
Evaporator Coil Face Area (ft²)	6.41	6.41	6.41	6.41	6.41
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	1	1	1	1	1
RPM (High/Low stage)	1122	1122	1122	1122	1122
Outdoor Horsepower	1/3	1/3	1/3	1/3	1/3
Fan Diameter / # Fan Blades	22 / 4	22 / 4	22 / 4	22 / 4	22 / 4
Face Area (ft²)	17.6	17.6	17.6	17.6	17.6
Rows Deep / Fins per Inch	1 / 23	1 / 23	1 / 23	1 / 23	1 / 23
COMPRESSOR (ALL SINGLE-STAGE)					
Quantity / Type / Stages	1 / Scroll / 1	1 / Scroll / 1	1 / Scroll / 1	1 / Scroll / 1	1 / Scroll / 1
Compressor RLA / LRA	23.9 / 148.0	23.9 / 148.0	15.4 / 156.4	15.4 / 156.4	15.4 / 156.4
ELECTRICAL DATA					
Voltage-Phase-Frequency	208/230-1-60	208/230-1-60	208/230-3-60	208/230-3-60	208/230-3-60
Indoor Blower FLA	6.9	6.9	6.9	6.9	6.9
Max External Static (In. W.C.)	0.8	0.8	0.8	0.8	0.8
Outdoor Fan FLA	2.0	2.0	2.0	2.0	2.0
Min. Circuit Ampacity ¹	38.7 / 38.7	38.7 / 38.7	28.1 / 28.1	28.1 / 28.1	28.1 / 28.1
Max. Overcurrent Protection (A) ²	60 / 60	60 / 60	40 / 40	40 / 40	40 / 40
Power Supply Conduit Hole Dia. (in)	1.125	1.125	1.125	1.125	1.125
Low-Voltage Conduit Hole Dia. (in)	0.5	0.5	0.5	0.5	0.5
OPERATING WEIGHT (LBS.)					
Operating Weight (lbs)	541	558	537	550	554
SHIPPING WEIGHT (LBS.)					
Ship Weight (lbs)	611	628	607	620	624

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	DSG0604DL00001S	DSG0604DM00001S	DSG0604DH00001S	DSG0607DH00001S	DSG0601D1000001F
COOLING CAPACITY					
Total BTU/H	57,500	57,500	57,500	57,500	57,500
SEER2 / EER2 (IEER / EER for 6T)	13.7 / 11.8	13.7 / 11.8	13.7 / 11.8	13.7 / 11.8	13.7 / 11.8
AHRI Reference #	215414884	215414884	215414884	215414885	215414882
HEATING CAPACITY					
Heat Range	Low	Medium	High	High	High
No. of Burners	4	5	6	6	5
High Stage Input / Output (KBTU/H)	90.0/72.0	115.0/92.0	140.0/112.0	140.0/112.0	100.0/81.0
Low Stage Input / Output (KBTU/H)	67.5/54.0	86.3/69.0	105.0/84.0	105.0/84.0	--
Thermal Efficiency (T.E.)	80	80	80	80	--
Annual Fuel Utilization Efficiency (AFUE)	--	--	--	--	81
High Stage Temperature Rise Range (°F)	30-60	45-75	35-65	35-65	30-60
Low Stage Temperature Rise Range (°F)	25-55	40-70	35-65	35-65	--
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	12 x 11	12 x 11	12 x 11	12 x 11	12 x 11
Indoor Nominal CFM	1860	1860	1860	1860	1860
RPM	1500 MAX	1500 MAX	1500 MAX	1500 MAX	1200 MAX
Indoor Horsepower	1.2	1.2	1.2	1.2	1.0
Filter Size (in)	20 X 25 X 2 (2)	20 X 25 X 2 (2)	20 X 25 X 2 (2)	20 X 25 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.)	63	63	63	63	63
Evaporator Coil Face Area (ft²)	6.41	6.41	6.41	6.41	6.41
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	1	1	1	1	1
RPM (High/Low stage)	1050	1050	1050	1050	1122
Outdoor Horsepower	1/3	1/3	1/3	1/3	1/3
Fan Diameter/ # Fan Blades	22 / 4	22 / 4	22 / 4	22 / 4	22 / 4
Face Area (ft²)	17.6	17.6	17.6	17.6	17.6
Rows Deep / Fins per Inch	1 / 23	1 / 23	1 / 23	1 / 23	1 / 23
COMPRESSOR (ALL SINGLE-STAGE)					
Quantity / Type / Stages	1 / Scroll / 1	1 / Scroll / 1	1 / Scroll / 1	1 / Scroll / 1	1 / Scroll / 1
Compressor RLA / LRA	7.7 / 69.0	7.7 / 69.0	7.7 / 69.0	6.4 / 47.8	23.9 / 148.0
ELECTRICAL DATA					
Voltage-Phase-Frequency	460-3-60	460-3-60	460-3-60	575-3-60	208/230-1-60
Indoor Blower FLA	2.5	2.5	2.5	2	6.9
Max External Static (In. W.C.)	0.8	0.8	0.8	0.8	0.8
Outdoor Fan FLA	0.85	0.85	0.85	0.67	2
Min. Circuit Ampacity¹	13	13	13	10.7	38.7 / 38.7
Max. Overcurrent Protection (A)²	20	20	20	15	60/60
Power Supply Conduit Hole Dia. (in)	1.125	1.125	1.125	1.125	1.125
Low-Voltage Conduit Hole Dia. (in)	0.5	0.5	0.5	0.5	0.5
OPERATING WEIGHT (LBS.)					
Operating Weight (lbs)	541	554	558	558	554
SHIPPING WEIGHT (LBS.)					
Ship Weight (lbs)	611	624	628	628	624

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	DSG0601D8000001F	DSG0603D1000001F	DSG0603D8000001F	DSG0604D1000001F	DSG0604D8000001F
COOLING CAPACITY					
Total BTU/H	57,500	57,500	57,500	57,500	57,500
SEER2 / EER2 (IEER / EER for 6T)	13.7 / 11.8	13.7 / 11.8	13.7 / 11.8	13.7 / 11.8	13.7 / 11.8
AHRI Reference #	215414882	215414883	215414883	215414884	215414884
HEATING CAPACITY					
Heat Range	Medium	High	Medium	High	Medium
No. of Burners	4	5	4	5	4
High Stage Input / Output (KBTU/H)	80.0/64.8	100.0/80.0	80.0/64.0	100.0/80.0	80.0/64.0
Low Stage Input / Output (KBTU/H)	--	--	--	--	--
Thermal Efficiency (T.E.)	--	80	80	80	80
Annual Fuel Utilization Efficiency (AFUE)	81	--	--	--	--
High Stage Temperature Rise Range (°F)	20-50	30-60	20-50	30-60	20-50
Low Stage Temperature Rise Range (°F)	--	--	--	--	--
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	12 x 11	12 x 11	12 x 11	12 x 11	12 x 11
Indoor Nominal CFM	1860	1860	1860	1860	1860
RPM	1200 MAX	1200 MAX	1200 MAX	1500 MAX	1500 MAX
Indoor Horsepower	1.0	1.0	1.0	1.2	1.2
Filter Size (in)	20 X 25 X 2 (2)	20 X 25 X 2 (2)	20 X 25 X 2 (2)	20 X 25 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.)	63	63	63	63	63
Evaporator Coil Face Area (ft ²)	6.41	6.41	6.41	6.41	6.41
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	1	1	1	1	1
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 / 4	22 / 4	22 / 4	22 / 4	22 / 4
Face Area (ft ²)	17.6	17.6	17.6	17.6	17.6
Rows Deep / Fins per Inch	1 / 23	1 / 23	1 / 23	1 / 23	1 / 23
COMPRESSOR (ALL SINGLE-STAGE)					
Quantity / Type / Stages	1 / Scroll / 1	1 / Scroll / 1	1 / Scroll / 1	1 / Scroll / 1	1 / Scroll / 1
Compressor RLA / LRA	23.9 / 148.0	15.4 / 156.4	15.4 / 156.4	7.7 / 69.0	7.7 / 69.0
ELECTRICAL DATA					
Voltage-Phase-Frequency	208/230-1-60	208/230-3-60	208/230-3-60	460-3-60	460-3-60
Indoor Blower FLA	6.9	6.9	6.9	2.5	2.5
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	38.7 / 38.7	28.1/28.1	28.1/28.1	13	13
Max. Overcurrent Protection (A) ²	60/60	40/40	40/40	20	20
Power Supply Conduit Hole Dia. (in)	1.125	1.125	1.125	1.125	1.125
Low-Voltage Conduit Hole Dia. (in)	0.5	0.5	0.5	0.5	0.5
OPERATING WEIGHT (LBS.)					
Operating Weight (lbs)	541	550	537	554	541
SHIPPING WEIGHT (LBS.)					
Ship Weight (lbs)	611	620	607	624	611

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	DSG0723DL00001S	DSG0723DM00001S	DSG0723DH00001S	DSG0724DL00001S	DSG0724DM00001S
COOLING CAPACITY					
Total BTU/H	69,000	69,000	69,000	69,000	69,000
SEER2 / EER2 (IEER / EER for 6T)	16.7 / 11.8	16.7 / 11.8	16.7 / 11.8	16.7 / 11.8	16.7 / 11.8
AHRI Reference #	215415677	215415677	215415677	215415678	215415678
HEATING CAPACITY					
Heat Range	Low	Medium	High	Low	Medium
No. of Burners	4	5	6	4	5
High Stage Input / Output (KBTU/H)	90.0/72.0	115.0/92.0	140.0/112.0	90.0/72.0	115.0/92.0
Low Stage Input / Output (KBTU/H)	67.5/54.0	86.3/69.0	105.0/84.0	67.5/54.0	86.3/69.0
Thermal Efficiency (T.E.)	80	80	80	80	80
Annual Fuel Utilization Efficiency (AFUE)	--	--	--	--	--
High Stage Temperature Rise Range (°F)	25-55	25-55	35-65	25-55	25-55
Low Stage Temperature Rise Range (°F)	20-50	20-50	30-60	20-50	20-50
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	12 x 11	12 x 11	12 x 11	12 x 11	12 x 11
Indoor Nominal CFM	2100	2100	2100	2100	2100
RPM	1500 MAX	1500 MAX	1500 MAX	1500 MAX	1500 MAX
Indoor Horsepower	1.2	1.2	1.2	1.2	1.2
Filter Size (in)	14 X 20 X 2, 20 X 20 X 2	14 X 20 X 2, 20 X 20 X 2	14 X 20 X 2, 20 X 20 X 2	14 X 20 X 2, 20 X 20 X 2	14 X 20 X 2, 20 X 20 X 2
Drain Size (NPT)	3/4	3/4	3/4	3/4	3/4
R-32 Refrigerant Charge (oz.)	83	83	83	83	83
Evaporator Coil Face Area (ft²)	9.16	9.16	9.16	9.16	9.16
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	1	1	1	1	1
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 / 4	22 / 4	22 / 4	22 / 4	22 / 4
Face Area (ft²)	17.2	17.2	17.2	17.2	17.2
Rows Deep / Fins per Inch	1 / 23	1 / 23	1 / 23	1 / 23	1 / 23
COMPRESSOR (ALL SINGLE-STAGE)					
Quantity / Type / Stages	1 / Scroll / 2	1 / Scroll / 2	1 / Scroll / 2	1 / Scroll / 2	1 / Scroll / 2
Compressor RLA / LRA	16.1 / 155	16.1 / 155	16.1 / 155	7.0 / 70.8	7.0 / 70.8
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	5	5	5	2.5	2.5
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 Ampacity¹	27.2 / 27.2	27.2 / 27.2	27.2 / 27.2	12.2	12.2
Max. Overcurrent Protection (A)²	40 / 40	40 / 40	40 / 40	20	20
Power Supply Conduit Hole Dia. (in)	1.125	1.125	1.125	1.125	1.125
Low-Voltage Conduit Hole Dia. (in)	0.5	0.5	0.5	0.5	0.5
OPERATING WEIGHT (LBS.)					
Operating Weight (lbs)	610	618	626	610	618
SHIPPING WEIGHT (LBS.)					
Ship Weight (lbs)	680	688	696	680	688

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	DSG0724DH00001S	DSG0727DL00001S	DSG0727DM00001S	DSG0727DH00001S	DSG0723WL00001F
COOLING CAPACITY					
Total BTU/H	69,000	69,000	69,000	69,000	69,000
SEER2 / EER2 (IEER/EER for 6T)	16.7 / 11.8	16.7 / 11.8	16.7 / 11.8	16.7 / 11.8	16.7 / 11.8
AHRI Reference #	215415678	215415679	215415679	215415679	215415677
HEATING CAPACITY					
Heat Range	High	Low	Medium	High	Low
No. of Burners	6	4	5	6	4
High Stage Input / Output (KBTU/H)	140.0/112.0	90.0/72.0	115.0/92.0	140.0/112.0	90.0/72.0
Low Stage Input / Output (KBTU/H)	105.0/84.0	67.5/54.0	86.3/69.0	105.0/84.0	67.5/54.0
Thermal Efficiency (T.E.)	80	80	80	80	80
Annual Fuel Utilization Efficiency (AFUE)	--	--	--	--	--
High Stage Temperature Rise Range (°F)	35-65	25-55	25-55	35-65	25-55
Low Stage Temperature Rise Range (°F)	30-60	20-50	20-50	30-60	20-50
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	High
Wheel Dia. X Width	12 x 11	12 x 11	12 x 11	12 x 11	12 x 11
Indoor Nominal CFM	2100	2100	2100	2100	2100
RPM	1500 MAX	1500 MAX	1500 MAX	1500 MAX	1500 MAX
Indoor Horsepower	1.2	1.2	1.2	1.2	2.3
Filter Size (in)	14 X 20 X 2, 20 X 20 X 2	14 X 20 X 2, 20 X 20 X 2	14 X 20 X 2, 20 X 20 X 2	14 X 20 X 2, 20 X 20 X 2	14 X 20 X 2, 20 X 20 X 2
Drain Size (NPT)	3/4	3/4	3/4	3/4	3/4
R-32 Refrigerant Charge (oz.)	83	83	83	83	83
Evaporator Coil Face Area (ft ²)	9.16	9.16	9.16	9.16	9.16
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	1	1	1	1	1
RPM (High/Low stage)	1050	1050	1050	1050	1122
Outdoor Horsepower	1/3	1/3	1/3	1/3	1/3
Fan Diameter/ # Fan Blades	22 / 4	22 / 4	22 / 4	22 / 4	22 / 4
Face Area (ft ²)	17.2	17.2	17.2	17.2	17.2
Rows Deep / Fins per Inch	1 / 23	1 / 23	1 / 23	1 / 23	1 / 23
COMPRESSOR (ALL SINGLE-STAGE)					
Quantity / Type / Stages	1 / Scroll / 2	1 / Scroll / 2	1 / Scroll / 2	1 / Scroll / 2	1 / Scroll / 2
Compressor RLA / LRA	7.0 / 70.8	6.0 / 58.2	6.0 / 58.2	6.0 / 58.2	16.1 / 155
ELECTRICAL DATA					
Voltage-Phase-Frequency	460-3-60	575-3-60	575-3-60	575-3-60	208/230-3-60
Indoor Blower FLA	2.5	2	2	2	7.7
Max External Static (In. W.C.)	0.8	0.8	0.8	0.8	1.8
Outdoor Fan FLA	0.85	0.67	0.67	0.67	2
Min. Circuit Ampacity ¹	12.2	10.2	10.2	10.2	29.9 / 29.9
Max. Overcurrent Protection (A) ²	20	15	15	15	40 / 40
Power Supply Conduit Hole Dia. (in)	1.125	1.125	1.125	1.125	1.125
Low-Voltage Conduit Hole Dia. (in)	0.5	0.5	0.5	0.5	0.5
OPERATING WEIGHT (LBS.)					
Operating Weight (lbs)	626	610	618	626	614
SHIPPING WEIGHT (LBS.)					
Ship Weight (lbs)	696	680	688	696	684

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	DSG0723WM00001F	DSG0723WH00001F	DSG0724WL00001F	DSG0724WM00001F	DSG0724WH00001F
COOLING CAPACITY					
Total BTU/H	69,000	69,000	69,000	69,000	69,000
SEER2 / EER2 (IEER / EER for 6T)	16.7 / 11.8	16.7 / 11.8	16.7 / 11.8	16.7 / 11.8	15.5 / 11.2
AHRI Reference #	215415677	215415677	215415678	215415678	215415678
HEATING CAPACITY					
Heat Range	Medium	High	Low	Medium	High
No. of Burners	5	6	4	5	6
High Stage Input / Output (KBTU/H)	115.0/92.0	140.0/112.0	90.0/72.0	115.0/92.0	140.0/112.0
Low Stage Input / Output (KBTU/H)	86.3/69.0	105.0/84.0	67.5/54.0	86.3/69.0	105.0/84.0
Thermal Efficiency (T.E.)	80	80	80	80	80
Annual Fuel Utilization Efficiency (AFUE)	--	--	--	--	--
High Stage Temperature Rise Range (°F)	25-55	35-65	25-55	25-55	35-65
Low Stage Temperature Rise Range (°F)	20-50	30-60	20-50	20-50	30-60
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	12 x 11	12 x 11	12 x 11	12 x 11	12 x 11
Indoor Nominal CFM	2100	2100	2100	2100	2100
RPM	1500 MAX	1500 MAX	1500 MAX	1500 MAX	1500 MAX
Indoor Horsepower	2.3	2.3	2.3	2.3	2.3
Filter Size (in)	14 X 20 X 2, 20 X 20 X 2	14 X 20 X 2, 20 X 20 X 2	14 X 20 X 2, 20 X 20 X 2	14 X 20 X 2, 20 X 20 X 2	14 X 20 X 2, 20 X 20 X 2
Drain Size (NPT)	3/4	3/4	3/4	3/4	3/4
R-32 Refrigerant Charge (oz.)	83	83	83	83	83
Evaporator Coil Face Area (ft²)	9.16	9.16	9.16	9.16	9.16
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	1	1	1	1	1
RPM (High/Low stage)	1122	1122	1050	1050	1050
Outdoor Horsepower	1/3	1/3	1/3	1/3	1/3
Fan Diameter/ # Fan Blades	22 / 4	22 / 4	22 / 4	22 / 4	22 / 4
Face Area (ft²)	17.2	17.2	17.2	17.2	17.2
Rows Deep / Fins per Inch	1 / 23	1 / 23	1 / 23	1 / 23	1 / 23
COMPRESSOR (ALL SINGLE-STAGE)					
Quantity / Type / Stages	1 / Scroll / 2	1 / Scroll / 2	1 / Scroll / 2	1 / Scroll / 2	1 / Scroll / 2
Compressor RLA / LRA	16.1 / 155	16.1 / 155	7 / 70.8	7 / 70.8	7 / 70.8
ELECTRICAL DATA					
Voltage-Phase-Frequency	208/230-3-60	208/230-3-60	460-3-60	460-3-60	460-3-60
Indoor Blower FLA	7.7	7.7	4.5	4.5	4.5
Max External Static (In. W.C.)	1.8	1.8	1.8	1.8	1.8
Outdoor Fan FLA	2	2	0.85	0.85	0.85
Min. Circuit Ampacity ¹	29.9 / 29.9	29.9 / 29.9	14.2	14.2	14.2
Max. Overcurrent Protection (A) ²	40 / 40	40 / 40	20	20	20
Power Supply Conduit Hole Dia. (in)	1.125	1.125	1.125	1.125	1.125
Low-Voltage Conduit Hole Dia. (in)	0.5	0.5	0.5	0.5	0.5
OPERATING WEIGHT (LBS.)					
Operating Weight (lbs)	622	630	614	622	630
SHIPPING WEIGHT (LBS.)					
Ship Weight (lbs)	692	700	684	692	700

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	DSG0727WL00001F	DSG0727WM00001F	DSG0727WH00001F
COOLING CAPACITY			
Total BTU/H	69,000	69,000	69,000
SEER2 / EER2 (IEER / EER for 6T)	16.7 / 11.8	16.7 / 11.8	16.7 / 11.8
AHRI Reference #	215415679	215415679	215415679
HEATING CAPACITY			
Heat Range	Low	Medium	High
No. of Burners	4	5	6
High Stage Input / Output (KBTU/H)	90.0/72.0	115.0/92.0	140.0/112.0
Low Stage Input / Output (KBTU/H)	67.5/54.0	86.3/69.0	105.0/84.0
Thermal Efficiency (T.E.)	80	80	80
Annual Fuel Utilization Efficiency (AFUE)	--	--	--
High Stage Temperature Rise Range (°F)	25-55	25-55	35-65
Low Stage Temperature Rise Range (°F)	20-50	20-50	30-60
EVAPORATOR MOTOR / RTPF (ROUND TUBE PLATE FIN)			
Motor Type	Direct Drive	Direct Drive	Direct Drive
External Static Pressure (ESP)	High	High	High
Wheel Dia. X Width	12 x 11	12 x 11	12 x 11
Indoor Nominal CFM	2100	2100	2100
RPM	1500 MAX	1500 MAX	1500 MAX
Indoor Horsepower	2.3	2.3	2.3
Filter Size (in)	14 X 20 X 2, 20 X 20 X 2	14 X 20 X 2, 20 X 20 X 2	14 X 20 X 2, 20 X 20 X 2
Drain Size (NPT)	3/4	3/4	3/4
R-32 Refrigerant Charge (oz.)	83	83	83
Evaporator Coil Face Area (ft²)	9.16	9.16	9.16
Rows Deep / Fins per Inch	3 / 16	3 / 16	3 / 16
CONDENSER FAN / MCHX (MICROCHANNEL HEAT EXCHANGER)			
Quantity of Condenser Fan Motors	1	1	1
RPM (High/Low stage)	1050	1050	1050
Outdoor Horsepower	1/3	1/3	1/3
Fan Diameter / # Fan Blades	22 / 4	22 / 4	22 / 4
Face Area (ft²)	17.2	17.2	17.2
Rows Deep / Fins per Inch	1 / 23	1 / 23	1 / 23
COMPRESSOR (ALL SINGLE-STAGE)			
Quantity / Type / Stages	1 / Scroll / 2	1 / Scroll / 2	1 / Scroll / 2
Compressor RLA / LRA	6 / 58.2	6 / 58.2	6 / 58.2
ELECTRICAL DATA			
Voltage-Phase-Frequency	575-3-60	575-3-60	575-3-60
Indoor Blower FLA	3.8	3.8	3.8
Max External Static (In. W.C.)	1.8	1.8	1.8
Outdoor Fan FLA	0.67	0.67	0.67
Min. Circuit Ampacity¹	12	12	12
Max. Overcurrent Protection (A)²	15	15	15
Power Supply Conduit Hole Dia. (in)	1.125	1.125	1.125
Low-Voltage Conduit Hole Dia. (in)	0.5	0.5	0.5
OPERATING WEIGHT (LBS.)			
Operating Weight (lbs)	614	622	630
SHIPPING WEIGHT (LBS.)			
Ship Weight (lbs)	684	692	700

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

Model	Tons	Fin height in.	Fin length in.
DSG	3	24.248	38.068
DSG	4	24.248	38.068
DSG	5	24.248	38.068
DSG	6	34.640	38.068

AHRI Ratings

MODEL	CAPACITY	EER2	SEER2	EER	IEER
DSG036	35,000	12.0	14.0	N/A	N/A
DSG048	46,000	11.8	13.7	N/A	N/A
DSG060	57,500	11.8	13.7	N/A	N/A
DSG072	69,000	N/A	N/A	11.8	16.7

Sound Data

Static Pressure	3 TON SOUND (DB) AT 60 HZ										
	INDOOR CFM	COMPONENT	A-WEIGHTED	63	125	250	500	1000	2000	4000	8000
0.8	1,160	Discharge	67	83.1	78.4	65.6	60.2	58.3	55.4	54.8	48.2
		Inlet	62	82.4	75.9	59.4	54.9	52.3	47.3	45.7	40.8
1.8		Discharge	77	87.3	86.5	76.4	71.3	70.6	65.1	65.5	62.1
		Inlet	69	83.7	81.6	69.5	64.5	62.0	57.6	57.8	55.8
N/A	N/A	Outdoor	72	N/A	60.2	63.4	65.4	66.0	65.2	62.0	57.0

Static Pressure	4 TON SOUND (DB) AT 60 HZ										
	INDOOR CFM	COMPONENT	A-WEIGHTED	63	125	250	500	1000	2000	4000	8000
0.8	1,570	Discharge	73	98.0	85.8	70.3	64.4	62.4	58.0	57.8	52.5
		Inlet	70	90.2	82.4	67.8	60.7	56.9	51.3	49.7	45.8
1.8		Discharge	77	97.9	84.5	76.6	72.1	69.0	65.3	65.6	61.8
		Inlet	70	89.1	80.2	71.5	64.5	62.2	57.7	57.7	54.8
N/A	N/A	Outdoor	76	N/A	63.0	66.6	69.5	71.9	67.3	61.7	52.6

Static Pressure	5 TON SOUND (DB) AT 60 HZ										
	INDOOR CFM	COMPONET	A-WEIGHTED	63	125	250	500	1000	2000	4000	8000
0.8	1,820	Discharge	75	98.4	83.2	76.1	69.8	67.2	63.2	63.4	59.4
		Inlet	68	84.1	78.6	74.1	62.2	60.0	55.2	55.2	51.9
1.8		Discharge	80	92.8	87.1	81.9	76.0	72.4	68.2	68.2	65.6
		Inlet	73	87.9	83.9	73.3	67.3	64.8	61.2	60.8	58.0
N/A	N/A	Outdoor	77	N/A	66.6	65.1	70.4	72.0	69.7	66.6	57.4

Static Pressure	6 TON SOUND (DB) AT 60 HZ										
	INDOOR CFM	COMPONENT	A-WEIGHTED	63	125	250	500	1000	2000	4000	8000
0.8	2,100	Discharge	64	82.1	74.4	63.4	60.3	55.7	53.4	52.6	47.4
		Inlet	60	75.7	72.8	59.6	56.5	53.5	49.6	43.6	40.5
1.8		Discharge	76	92.9	86.7	76.9	70.7	67.0	63.5	63.8	59.7
		Inlet	70	85.5	83.4	69.5	63.8	61.6	56.0	55.0	52.1
N/A	N/A	Outdoor	79	N/A	62.9	67.5	71.8	74.9	71.8	66.9	58.6

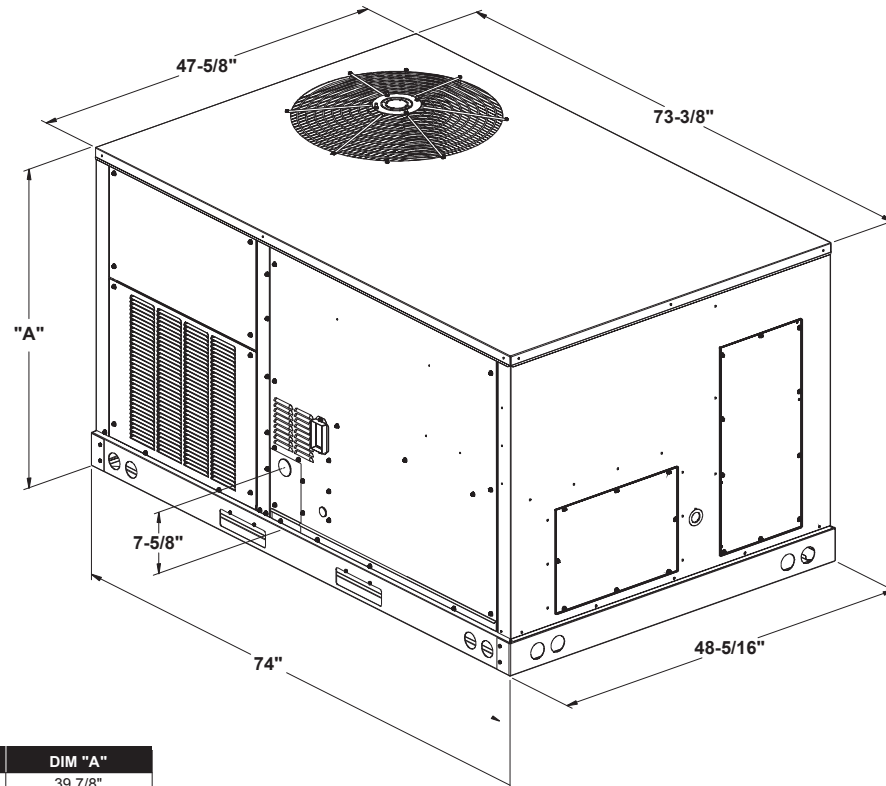
Notes:

¹ Outdoor sound data is measured in accordance with AHRI standard 270.

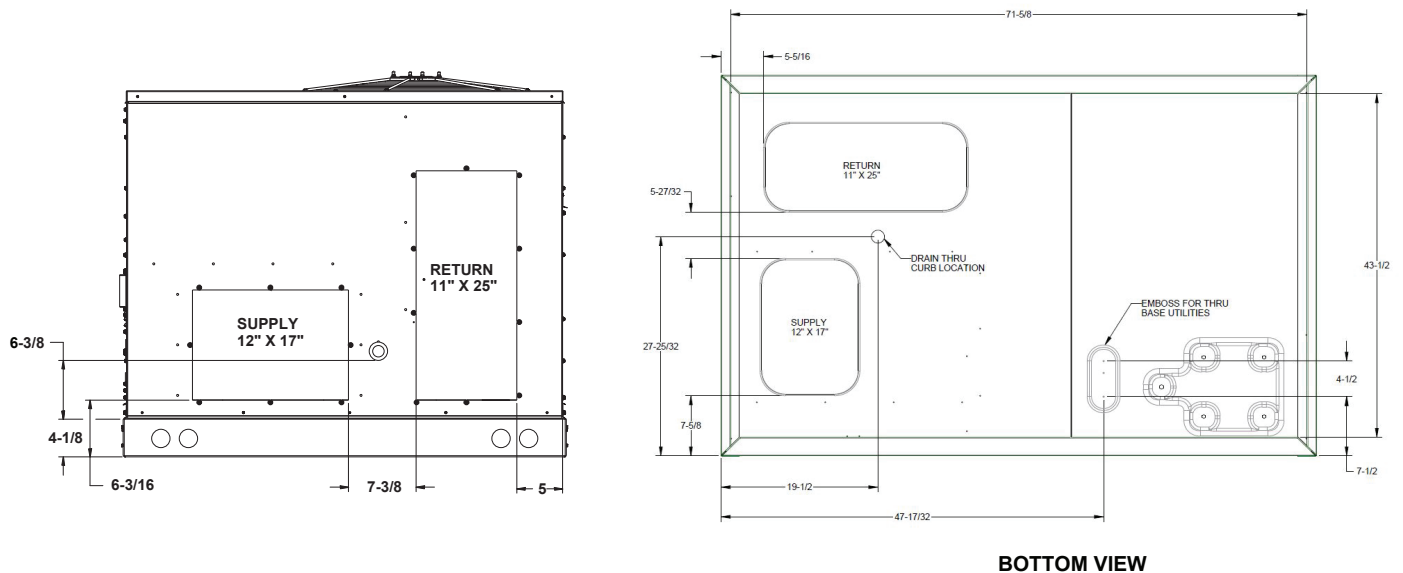
² Discharge and Inlet sound data measured in accordance with AHRI standard 260.

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 standard 270.



MODEL SIZE	DIM "A"
3 ton Gas	39 7/8"
4 ton Gas	39 7/8"
5 ton Gas	39 7/8"
6 ton Gas	43 1/2"



		Outdoor Ambient Temperature																																			
		65						75						85						95						105						115					
IDB	Airflow	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	59	63	67	71				
Entering Indoor Wet Bulb Temperature																																					
900	Capacity	35,290	35,793	36,856	-	34,971	35,474	36,538	-	34,041	34,544	35,608	-	32,441	32,944	34,008	-	30,486	30,989	32,053	-	28,701	29,204	30,268	-												
	S/T	0.52	0.45	0.32	-	0.53	0.45	0.32	-	0.55	0.48	0.35	-	0.57	0.50	0.37	-	0.59	0.52	0.39	-	1.00	0.57	0.44	-												
	Evap dT	19.80	18.06	14.82	-	19.75	18.02	14.77	-	20.00	18.26	15.02	-	19.73	18.00	14.75	-	19.50	17.77	14.52	-	20.59	18.85	15.61	-												
	Pr Suc	118	119	122	-	125	126	129	-	131	133	136	-	137	138	141	-	142	143	146	-	148	150	153	-												
	Pr Dis	258	259	261	-	299	300	302	-	342	343	345	-	388	389	391	-	438	439	441	-	491	493	494	-												
	ODamps	746	745	743	-	855	854	852	-	976	976	974	-	1108	1107	1105	-	1255	1254	1252	-	1428	1427	1425	-												
	TotalPower	1,994	1,992	1,988	-	2,245	2,243	2,238	-	2,525	2,523	2,518	-	2,828	2,826	2,821	-	3,166	3,164	3,160	-	3,563	3,561	3,557	-												
1160	Capacity	36,076	36,579	37,643	-	35,758	36,260	37,324	-	34,828	35,331	36,394	-	33,228	33,731	34,795	-	31,273	31,776	32,839	-	29,488	29,991	31,055	-												
	S/T	0.65	0.57	0.44	-	0.66	0.58	0.45	-	0.68	0.61	0.47	-	0.70	0.62	0.49	-	1.00	0.65	0.51	-	1.00	0.70	0.56	-												
	Evap dT	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	-												
	Pr Suc	121	122	125	-	128	129	132	-	134	136	139	-	140	141	144	-	145	146	149	-	152	153	156	-												
	Pr Dis	262	263	265	-	303	304	306	-	346	347	349	-	392	394	395	-	442	443	445	-	496	497	499	-												
	ODamps	757	756	754	-	866	865	863	-	988	987	985	-	1119	1118	1116	-	1266	1265	1264	-	1439	1438	1436	-												
	TotalPower	2,020	2,018	2,013	-	2,270	2,268	2,264	-	2,550	2,548	2,544	-	2,853	2,851	2,847	-	3,192	3,190	3,185	-	3,589	3,587	3,582	-												
1350	Capacity	36,835	37,337	38,401	-	36,516	37,019	38,082	-	35,586	36,089	37,153	-	33,986	34,489	35,553	-	32,031	32,534	33,598	-	30,246	30,749	31,813	-												
	S/T	0.69	0.61	0.48	-	0.69	0.62	0.49	-	0.72	0.64	0.51	-	0.74	0.66	0.53	-	1.00	0.68	0.55	-	1.00	0.73	0.60	-												
	Evap dT	16.60	14.86	11.62	-	16.55	14.81	11.57	-	16.79	15.06	11.81	-	16.53	14.80	11.55	-	16.30	14.56	11.32	-	17.39	15.65	12.41	-												
	Pr Suc	123	125	128	-	131	132	135	-	137	138	141	-	142	144	147	-	148	149	152	-	154	156	159	-												
	Pr Dis	265	266	268	-	306	307	309	-	349	350	352	-	395	396	398	-	445	446	448	-	498	499	501	-												
	ODamps	763	762	760	-	872	871	869	-	994	993	991	-	1125	1124	1123	-	1272	1272	1270	-	1445	1444	1442	-												
	TotalPower	2,034	2,032	2,027	-	2,284	2,282	2,278	-	2,564	2,562	2,558	-	2,867	2,865	2,861	-	3,206	3,204	3,199	-	3,603	3,601	3,596	-												
900	Capacity	35,311	35,813	36,877	38,502	34,992	35,495	36,558	38,183	34,062	34,565	35,629	37,253	32,462	32,965	34,029	35,654	30,507	31,010	32,074	33,699	28,722	29,225	30,289	31,914												
	S/T	0.65	0.57	0.44	0.30	0.65	0.58	0.45	0.31	0.68	0.60	0.47	0.33	1.00	0.62	0.49	0.35	1.00	0.64	0.51	0.37	1.00	0.69	0.56	0.42												
	Evap dT	23.62	21.88	18.64	15.28	23.57	21.83	18.59	15.23	23.82	22.08	18.84	15.48	23.55	21.82	18.57	15.21	23.32	21.58	18.34	14.98	24.41	22.67	19.43	16.07												
	Pr Suc	118	119	122	127	125	126	129	134	131	133	136	141	137	138	141	146	142	143	146	151	148	150	153	158												
	Pr Dis	258	259	261	266	299	300	302	307	342	343	345	350	389	390	391	396	438	440	441	446	492	493	495	499												
	ODamps	745	744	742	751	854	853	851	860	976	975	973	981	1107	1106	1105	1113	1254	1254	1252	1260	1427	1426	1424	1433												
	TotalPower	1,992	1,990	1,986	2,005	2,243	2,241	2,237	2,256	2,523	2,521	2,517	2,536	2,826	2,824	2,820	2,839	3,164	3,162	3,158	3,177	3,561	3,559	3,555	3,574												
1160	Capacity	36,097	36,600	37,664	39,289	35,778	36,281	37,345	38,970	34,848	35,351	36,415	38,040	33,249	33,752	34,815	36,440	31,294	31,796	32,860	34,485	29,509	30,012	31,075	32,700												
	S/T	0.77	0.70	0.57	0.43	0.78	0.71	0.57	0.44	1.00	0.73	0.60	0.46	1.00	0.75	0.62	0.48	1.00	0.77	0.64	0.50	1.00	0.82	0.69	0.55												
	Evap dT	21.55	19.81	16.57	13.21	21.50	19.77	16.52	13.16	21.75	20.01	16.77	13.41	21.49	19.75	16.51	13.15	21.25	19.52	16.27	12.91	22.34	20.60	17.36	14.00												
	Pr Suc	121	122	125	130	128	129	132	138	134	136	139	144	140	141	144	149	145	146	149	155	152	153	156	161												
	Pr Dis	262	264	265	270	303	305	306	311	346	348	349	354	393	394	396	400	443	444	445	450	496	497	499	503												
	ODamps	756	755	753	762	865	864	862	871	987	986	984	992	1119	1118	1116	1124	1266	1265	1263	1271	1438	1437	1436	1444												
	TotalPower	2,018	2,016	2,012	2,031	2,269	2,267	2,263	2,282	2,549	2,547	2,542	2,562	2,852	2,850	2,845	2,864	3,190	3,188	3,184	3,203	3,587	3,585	3,581	3,600												
1350	Capacity	36,855	37,358	38,422	40,047	36,537	37,040	38,103	39,728	35,607	36,110	37,173	38,798	34,007	34,510	35,574	37,198	32,052	32,555	33,619	35,243	30,267	30,770	31,834	33,458												
	S/T	0.81	0.74	0.61	0.47	0.82	0.75	0.61	0.47	1.00	0.77	0.64	0.50	1.00	0.79	0.66	0.52	1.00	0.81	0.68	0.54	1.00	1.00	0.73	0.59												
	Evap dT	20.42	18.68	15.44	12.08	20.37	18.63	15.39	12.03	20.61	18.88	15.63	12.27	20.35	18.61	15.37	12.01	20.12	18.38	15.14	11.78	21.21	19.47	16.23	12.87												
	Pr Suc	123	125	128	133	131	132	135	140	137	138	141	146	142	144	147	152	148	149	152	157	154	156	159	164												
	Pr Dis	265	266	268	273	306	307	309	314	349	350	352	357	395	397	398	403	445	446	448	453	499	500	502	506												
	ODamps	762	761	759	768	871	870	868	877	993	992	990	999	1125	1124	1122	1130	1272	1271	1269	12.77	1444	1443	1442	1450												
	TotalPower	2,032	2,030	2,026	2,045	2,283	2,281	2,277	2,296	2,563	2,561	2,556	2,576	2,866	2,864	2,859	2,878	3,204	3,202	3,198	3,217	3,601	3,599	3,595	3,614												