



**High-Efficiency Gas/Electric
Packaged Rooftop Unit
DRG Commercial
7.5 - 12.5 Nominal Tons
Up to 17 IEER / 12.2 EER**



* 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 blazer over a white shirt, 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 architectural details of the stairs.

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.

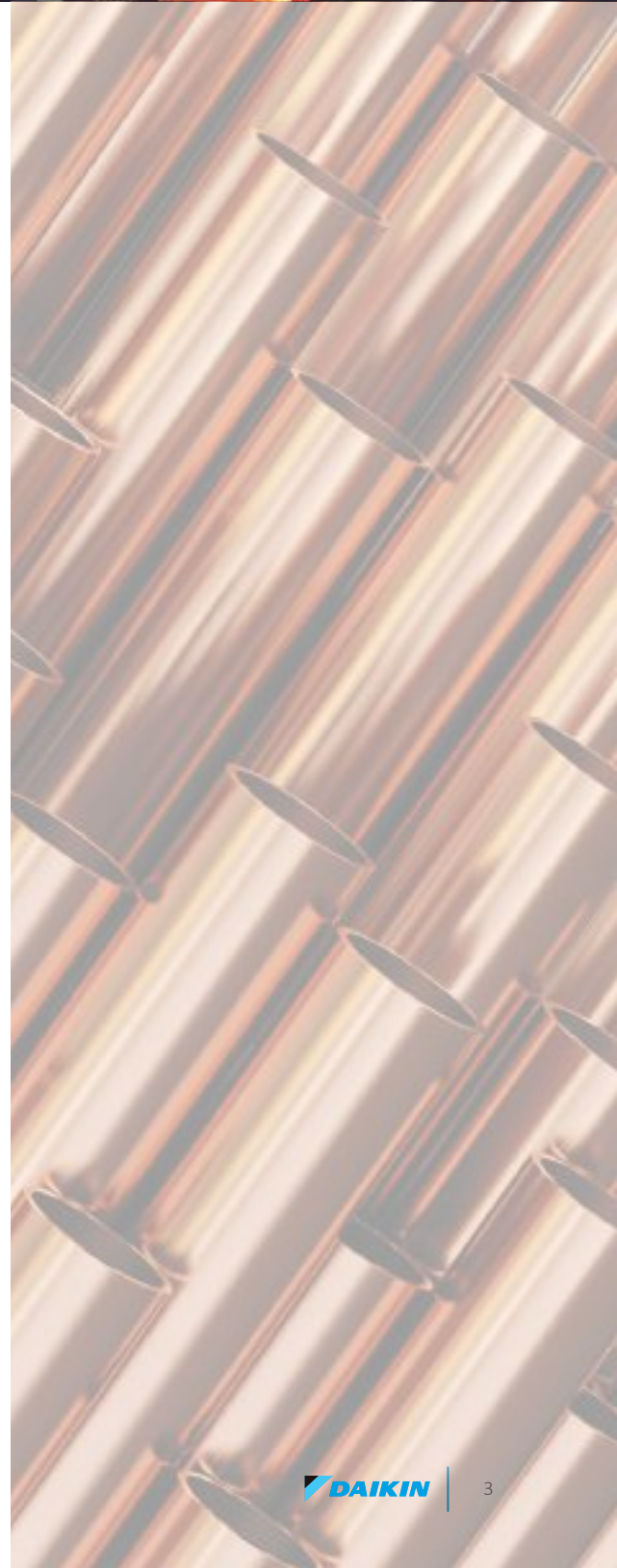
The group philosophy of the company includes:

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

Installation

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

Cabinet Construction

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

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

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

Compressor

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

- » Resiliently factory-mounted on rubber grommets for vibration isolation
- » Refrigeration circuit includes both low- and high-pressure transducer, high pressure safety switch and temperature sensors for the suction and discharge lines.
- » Unit is factory charged with environmentally friendly R-410A refrigerant.
- » Compressor location outside the condenser section to avoid air bypass.
- » Internal overload protection included with compressor.
- » Dual single-stage scroll compressor for partial load applications.

Supply Fan

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

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

Coils

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

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



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

Controls and Wiring

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

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

Filtration

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

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

Heating Section

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

Gas Furnace

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

- » Wrinkle Bend Technology available on all Daikin gas heat exchangers. The Wrinkle Bend Technology reduces the manufacturing stress that leads to defects and pinholes in the tubes at the same time as it increases the gas turbulence to amplify the heat transfer.
- » All 3-Phase models have a minimum 80% T.E. (Thermal Efficiency)
- » User has the flexibility to order heat exchanger tubes with 20 Gauge, G160, aluminized steel or stainless steel to meet your application needs.
- » The furnace has a tubular design with in-shot gas burner manifold and is installed downstream of the supply fan.

- » The module contains an induced draft fan that will maintain a negative pressure in the heat exchanger tubes for the removal of the flue gases to protect indoor air quality.
- » Each burner module provides flame roll-out safety protection switches and a high temperature limit switch for reliable operation.
- » Induced draft fan includes an airflow safety switch to prevent heating operation in the event of no airflow for occupant safety.
- » All burner assemblies are factory tested and adjusted prior to shipment.
- » Heating control is fully integrated into the unit's control system for quick start-up and reliable control.
- » Optional field installed LP kits are available for staged heating modules as well as high altitude kits.

Electrical

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

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

Daikin Modulating Hot Gas Reheat Dehumidification

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



Applications

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

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

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

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

Serviceability

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

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



Model	DRG0903DL000001S	DRG0903DM000001S	DRG0903DH000001S	DRG0904DL00001S	DRG0904DM00001S	DRG0904DH00001S
COOLING CAPACITY						
Total, BTU/h	90,000	90,000	90,000	90,000	90,000	90,000
IEER / EER	16/12.2	16/12.2	16/12.2	16/12.2	16/12.2	16/12.2
AHRI Reference #	206913013	206913013	206913013	206913013	206913013	206913013
HEATING CAPACITY						
Heat Range	LOW	MEDIUM	HIGH	LOW	MEDIUM	HIGH
No. of Burners	5	6	7	5	6	7
High Stage Input / Output (KBTU/H)	130/105.3	180/145.8	225/182.25	130/105.3	180/145.8	225/182.25
Low Stage Input / Output (KBTU/H)	97.5/79	135/109.35	168.75/136.69	97.5/79	135/109.35	168.75/136.69
Thermal Efficiency (T.E.)	81%	81%	81%	81%	81%	81%
Annual Fuel Utilization Efficiency (AFUE)	N/A	N/A	N/A	N/A	N/A	N/A
High Stage Temperature Rise Range (°F)	25 - 55	25 - 55	40 - 70	25 - 55	25 - 55	40 - 70
Low Stage Temperature Rise Range (°F)	25 - 55	25 - 55	40 - 70	25 - 55	25 - 55	40 - 70
EVAPORATOR MOTOR COIL						
Motor Type	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE
External Static Pressure (ESP)	0.8 IN.W.G.	0.8 IN.W.G.	0.8 IN.W.G.	0.8 IN.W.G.	0.8 IN.W.G.	0.8 IN.W.G.
Wheel Dia. X Width	Ø15.12 X 12.62	Ø15.12 X 12.62	Ø15.12 X 12.62	Ø15.12 X 12.62	Ø15.12 X 12.62	Ø15.12 X 12.62
Indoor Nominal CFM	3000	3000	3000	3000	3000	3000
RPM	1300	1300	1300	1300	1300	1300
Indoor Horsepower	2.4	2.4	2.4	2.4	2.4	2.4
Filter Size (in)	16X25X2 (4)	16X25X2 (4)	16X25X2 (4)	16X25X2 (4)	16X25X2 (4)	16X25X2 (4)
Drain Size (NPT)	3/4	3/4	3/4	3/4	3/4	3/4
R-410A Refrigerant Charge (oz.)	133/133	133/133	133/133	133/133	133/133	133/133
Evaporator Coil Face Area (ft²)	12.8	12.8	12.8	12.8	12.8	12.8
Rows Deep/ Fins per Inch	4/16	4/16	4/16	4/16	4/16	4/16
CONDENSER FAN/COIL						
Quantity of Condenser Fan Motors	2	2	2	2	2	2
RPM (High/Low stage)	1122	1122	1122	1050	1050	1050
Outdoor Horsepower	1/3	1/3	1/3	1/3	1/3	1/3
Fan Diameter/ # Fan Blades	22/3	22/3	22/3	22/3	22/3	22/3
Face Area (ft²)	35.3	35.3	35.3	35.3	35.3	35.3
Rows Deep / Fins per Inch	2/28±1	2/28±1	2/28±1	2/28±1	2/28±1	2/28±1
COMPRESSOR						
Quantity / Type / Stages	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1
Compressor RLA / LRA	13.1/83.1	13.1/83.1	13.1/83.1	6.1/41.0	6.1/41.0	6.1/41.0
ELECTRICAL DATA						
Voltage-Phase-Frequency	208/230-3-60	208/230-3-60	208/230-3-60	460-3-60	460-3-60	460-3-60
Indoor Blower FLA	8	8	8	5.4	5.4	5.4
Max External Static (In. W.C.)	0.8	0.8	0.8	0.8	0.8	0.8
Outdoor Fan FLA	2	2	2	0.85	0.85	0.85
Min. Circuit Ampacity ¹	41.6/41.6	41.6/41.6	41.6/41.6	20.8	20.8	20.8
Max. Overcurrent Protection (A) ²	50/50	50/50	50/50	25	25	25
Power Supply Conduit Hole Dia. (in)	1.375	1.375	1.375	1.375	1.375	1.375
Low-Voltage Conduit Hole Dia. (in)	0.375	0.375	0.375	0.375	0.375	0.375
OPERATING WEIGHT (LBS.)						
Operating Weight (lbs)	1162	1172	1181	1162	1172	1181
SHIPPING WEIGHT (LBS.)						
Ship Weight (lbs)	1237	1247	1256	1237	1247	1256

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	DRG0907DL00001S	DRG0907DM00001S	DRG0907DH00001S	DRG1023DL00001S	DRG1023DM00001S	DRG1023DH00001S
COOLING CAPACITY						
Total, BTU/h	90,000	90,000	90,000	102,000	102,000	102,000
IEER / EER	16/12.2	16/12.2	16/12.2	17/12.2	17/12.2	17/12.2
AHRI Reference #	206913013	206913013	206913013	206913015	206913015	206913015
HEATING CAPACITY						
Heat Range	LOW	MEDIUM	HIGH	LOW	MEDIUM	HIGH
No. of Burners	5	6	7	5	6	7
High Stage Input / Output (KBTU/H)	130/105.3	180/145.8	225/182.25	130/105.3	180/145.8	225/182.25
Low Stage Input / Output (KBTU/H)	97.5/79	135/109.35	168.75/136.69	97.5/79	135/109.35	168.75/136.69
Thermal Efficiency (T.E.)	81%	81%	81%	81%	81%	81%
Annual Fuel Utilization Efficiency (AFUE)	N/A	N/A	N/A	N/A	N/A	N/A
High Stage Temperature Rise Range (°F)	25 - 55	25 - 55	40 - 70	25 - 55	25 - 55	40 - 70
Low Stage Temperature Rise Range (°F)	25 - 55	25 - 55	40 - 70	25 - 55	25 - 55	40 - 70
EVAPORATOR MOTOR COIL						
Motor Type	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE
External Static Pressure (ESP)	0.8 IN.W.G.	0.8 IN.W.G.	0.8 IN.W.G.	0.8 IN.W.G.	0.8 IN.W.G.	0.8 IN.W.G.
Wheel Dia. X Width	Ø15.12 X 12.62	Ø15.12 X 12.62	Ø15.12 X 12.62	Ø15.12 X 12.62	Ø15.12 X 12.62	Ø15.12 X 12.62
Indoor Nominal CFM	3000	3000	3000	3100	3100	3100
RPM	1300	1300	1300	1300	1300	1300
Indoor Horsepower	2.4	2.4	2.4	2.4	2.4	2.4
Filter Size (in)	16X25X2 (4)	16X25X2 (4)	16X25X2 (4)	20x25x2(2) + 25x25x2(2)	20x25x2(2) + 25x25x2(2)	20x25x2(2) + 25x25x2(2)
Drain Size (NPT)	3/4	3/4	3/4	3/4	3/4	3/4
R-410A Refrigerant Charge (oz.)	133/133	133/133	133/133	155/155	155/155	155/155
Evaporator Coil Face Area (ft²)	12.8	12.8	12.8	16.6	16.6	16.6
Rows Deep/ Fins per Inch	4/16	4/16	4/16	4/16	4/16	4/16
CONDENSER FAN/COIL						
Quantity of Condenser Fan Motors	2	2	2	2	2	2
RPM (High/Low stage)	1050	1050	1050	1122	1122	1122
Outdoor Horsepower	1/3	1/3	1/3	1/3	1/3	1/3
Fan Diameter/ # Fan Blades	22/3	22/3	22/3	22/3	22/3	22/3
Face Area (ft²)	35.3	35.3	35.3	35.3	35.3	35.3
Rows Deep / Fins per Inch	2/28±1	2/28±1	2/28±1	2/28±1	2/28±1	2/28±1
COMPRESSOR						
Quantity / Type / Stages	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1
Compressor RLA / LRA	4.4/33.0	4.4/33.0	4.4/33.0	14.5/98.0	14.5/98.0	14.5/98.0
ELECTRICAL DATA						
Voltage-Phase-Frequency	575-3-60	575-3-60	575-3-60	208/230-3-60	208/230-3-60	208/230-3-60
Indoor Blower FLA	4	4	4	8	8	8
Max External Static (In. W.C.)	0.8	0.8	0.8	0.8	0.8	0.8
Outdoor Fan FLA	0.67	0.67	0.67	2	2	2
Min. Circuit Ampacity ¹	15.1	15.1	15.1	44.6/44.6	44.6/44.6	44.6/44.6
Max. Overcurrent Protection (A) ²	20	20	20	50/50	50/50	50/50
Power Supply Conduit Hole Dia. (in)	1.375	1.375	1.375	1.375	1.375	1.375
Low-Voltage Conduit Hole Dia. (in)	0.375	0.375	0.375	0.375	0.375	0.375
OPERATING WEIGHT (LBS.)						
Operating Weight (lbs)	1162	1172	1181	1173	1183	1192
SHIPPING WEIGHT (LBS.)						
Ship Weight (lbs)	1237	1247	1256	1248	1258	1267

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	DRG1024DL00001S	DRG1024DM00001S	DRG1024DH00001S	DRG1027DL00001S	DRG1027DM00001S	DRG1027DH00001S
COOLING CAPACITY						
Total, BTU/h	102,000	102,000	102,000	102,000	102,000	102,000
IEER / EER	17/12.2	17/12.2	17/12.2	17/12.2	17/12.2	17/12.2
AHRI Reference #	206913015	206913015	206913015	206913015	206913015	206913015
HEATING CAPACITY						
Heat Range	LOW	MEDIUM	HIGH	LOW	MEDIUM	HIGH
No. of Burners	5	6	7	5	6	7
High Stage Input / Output (KBTU/H)	130/105.3	180/145.8	225/182.25	130/105.3	180/145.8	225/182.25
Low Stage Input / Output (KBTU/H)	97.5/79	135/109.35	168.75/136.69	97.5/79	135/109.35	168.75/136.69
Thermal Efficiency (T.E.)	81%	81%	81%	81%	81%	81%
Annual Fuel Utilization Efficiency (AFUE)	N/A	N/A	N/A	N/A	N/A	N/A
High Stage Temperature Rise Range (°F)	25 - 55	25 - 55	40 - 70	25 - 55	25 - 55	40 - 70
Low Stage Temperature Rise Range (°F)	25 - 55	25 - 55	40 - 70	25 - 55	25 - 55	40 - 70
EVAPORATOR MOTOR COIL						
Motor Type	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE
External Static Pressure (ESP)	0.8 IN.W.G.	0.8 IN.W.G.	0.8 IN.W.G.	0.8 IN.W.G.	0.8 IN.W.G.	0.8 IN.W.G.
Wheel Dia. X Width	Ø15.12 X 12.62	Ø15.12 X 12.62	Ø15.12 X 12.62	Ø15.12 X 12.62	Ø15.12 X 12.62	Ø15.12 X 12.62
Indoor Nominal CFM	3100	3100	3100	3100	3100	3100
RPM	1300	1300	1300	1300	1300	1300
Indoor Horsepower	2.4	2.4	2.4	2.4	2.4	2.4
Filter Size (in)	20x25x2(2) + 25x25x2(2)	20x25x2(2) + 25x25x2(2)	20x25x2(2) + 25x25x2(2)	20x25x2(2) + 25x25x2(2)	20x25x2(2) + 25x25x2(2)	20x25x2(2) + 25x25x2(2)
Drain Size (NPT)	3/4	3/4	3/4	3/4	3/4	3/4
R-410A Refrigerant Charge (oz.)	155/155	155/155	155/155	155/155	155/155	155/155
Evaporator Coil Face Area (ft²)	16.6	16.6	16.6	16.6	16.6	16.6
Rows Deep/ Fins per Inch	4/16	4/16	4/16	4/16	4/16	4/16
CONDENSER FAN/COIL						
Quantity of Condenser Fan Motors	2	2	2	2	2	2
RPM (High/Low stage)	1050	1050	1050	1050	1050	1050
Outdoor Horsepower	1/3	1/3	1/3	1/3	1/3	1/3
Fan Diameter / # Fan Blades	22/3	22/3	22/3	22/3	22/3	22/3
Face Area (ft²)	35.3	35.3	35.3	35.3	35.3	35.3
Rows Deep / Fins per Inch	2/28±1	2/28±1	2/28±1	2/28±1	2/28±1	2/28±1
COMPRESSOR						
Quantity / Type / Stages	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1
Compressor RLA / LRA	6.3/55.0	6.3/55.0	6.3/55.0	6.0/41.0	6.0/41.0	6.0/41.0
ELECTRICAL DATA						
Voltage-Phase-Frequency	460-3-60	460-3-60	460-3-60	575-3-60	575-3-60	575-3-60
Indoor Blower FLA	5.4	5.4	5.4	4	4	4
Max External Static (In. W.C.)	0.8	0.8	0.8	0.8	0.8	0.8
Outdoor Fan FLA	0.85	0.85	0.85	0.67	0.67	0.67
Min. Circuit Ampacity ¹	21.4	21.4	21.4	18.9	18.9	18.9
Max. Overcurrent Protection (A) ²	25	25	25	20	20	20
Power Supply Conduit Hole Dia. (in)	1.375	1.375	1.375	1.375	1.375	1.375
Low-Voltage Conduit Hole Dia. (in)	0.375	0.375	0.375	0.375	0.375	0.375
OPERATING WEIGHT (LBS.)						
Operating Weight (lbs)	1173	1183	1192	1173	1183	1192
SHIPPING WEIGHT (LBS.)						
Ship Weight (lbs)	1248	1258	1267	1248	1258	1267

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	DRG1203DL00001S	DRG1203DM00001S	DRG1203DH00001S	DRG1204DL00001S	DRG1204DM00001S	DRG1204DH00001S
COOLING CAPACITY						
Total, BTU/h	115,000	115,000	115,000	115,000	115,000	115,000
IEER / EER	17/12.2	17/12.2	17/12.2	17/12.2	17/12.2	17/12.2
AHRI Reference #	206913017	206913017	206913017	206913017	206913017	206913017
HEATING CAPACITY						
Heat Range	LOW	MEDIUM	HIGH	LOW	MEDIUM	HIGH
No. of Burners	5	6	7	5	6	7
High Stage Input / Output (KBTU/H)	130/105.3	180/145.8	240/194.4	130/105.3	180/145.8	240/194.4
Low Stage Input / Output (KBTU/H)	97.5/79	135/109.35	180/145.8	97.5/79	135/109.35	180/145.8
Thermal Efficiency (T.E.)	81%	81%	81%	81%	81%	81%
Annual Fuel Utilization Efficiency (AFUE)	N/A	N/A	N/A	N/A	N/A	N/A
High Stage Temperature Rise Range (°F)	25 - 55	25 - 55	30 - 60	25 - 55	25 - 55	30 - 60
Low Stage Temperature Rise Range (°F)	25 - 55	25 - 55	30 - 60	25 - 55	25 - 55	30 - 60
EVAPORATOR MOTOR COIL						
Motor Type	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE
External Static Pressure (ESP)	0.8 IN.W.G.	0.8 IN.W.G.	0.8 IN.W.G.	0.8 IN.W.G.	0.8 IN.W.G.	0.8 IN.W.G.
Wheel Dia. X Width	Ø15.12 X 15.00	Ø15.12 X 15.00	Ø15.12 X 15.00	Ø15.12 X 15.00	Ø15.12 X 15.00	Ø15.12 X 15.00
Indoor Nominal CFM	3550	3550	3550	3550	3550	3550
RPM	1300	1300	1300	1300	1300	1300
Indoor Horsepower	2.4	2.4	2.4	2.4	2.4	2.4
Filter Size (in)	20x25x2(2) + 25x25x2(2)	20x25x2(2) + 25x25x2(2)	20x25x2(2) + 25x25x2(2)	20x25x2(2) + 25x25x2(2)	20x25x2(2) + 25x25x2(2)	20x25x2(2) + 25x25x2(2)
Drain Size (NPT)	3/4	3/4	3/4	3/4	3/4	3/4
R-410A Refrigerant Charge (oz.)	184/180	184/180	184/180	184/180	184/180	184/180
Evaporator Coil Face Area (ft²)	16.6	16.6	16.6	16.6	16.6	16.6
Rows Deep/ Fins per Inch	4/16	4/16	4/16	4/16	4/16	4/16
CONDENSER FAN/COIL						
Quantity of Condenser Fan Motors	2	2	2	2	2	2
RPM (High/Low stage)	1122	1122	1122	1050	1050	1050
Outdoor Horsepower	1/3	1/3	1/3	1/3	1/3	1/3
Fan Diameter/ # Fan Blades	22/3	22/3	22/3	22/3	22/3	22/3
Face Area (ft²)	39.6	39.6	39.6	39.6	39.6	39.6
Rows Deep / Fins per Inch	2/28±1	2/28±1	2/28±1	2/28±1	2/28±1	2/28±1
COMPRESSOR						
Quantity / Type / Stages	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1
Compressor RLA / LRA	15.9/110	15.9/110	15.9/110	7.1/52.0	7.1/52.0	7.1/52.0
ELECTRICAL DATA						
Voltage-Phase-Frequency	208/230-3-60	208/230-3-60	208/230-3-60	460-3-60	460-3-60	460-3-60
Indoor Blower FLA	8	8	8	5.4	5.4	5.4
Max External Static (In. W.C.)	0.8	0.8	0.8	0.8	0.8	0.8
Outdoor Fan FLA	2	2	2	0.85	0.85	0.85
Min. Circuit Ampacity¹	47.8/47.8	47.8/47.8	47.8/47.8	23	23	23
Max. Overcurrent Protection (A)²	60/60	60/60	60/60	30	30	30
Power Supply Conduit Hole Dia. (in)	1.375	1.375	1.375	1.375	1.375	1.375
Low-Voltage Conduit Hole Dia. (in)	0.375	0.375	0.375	0.375	0.375	0.375
OPERATING WEIGHT (LBS.)						
Operating Weight (lbs)	1192	1202	1215	1192	1202	1215
SHIPPING WEIGHT (LBS.)						
Ship Weight (lbs)	1267	1277	1290	1267	1277	1290

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	DRG1207DL00001S	DRG1207DM00001S	DRG1207DH00001S	DRG1503DL00001S	DRG1503DM00001S	DRG1503DH00001S
COOLING CAPACITY						
Total, BTU/h	115,000	115,000	115,000	137,000	137,000	137,000
IEER / EER	17/12.2	17/12.2	17/12.2	15.5/11.5	15.5/11.5	15.5/11.5
AHRI Reference #	206913017	206913017	206913017	206913019	206913019	206913019
HEATING CAPACITY						
Heat Range	LOW	MEDIUM	HIGH	LOW	MEDIUM	HIGH
No. of Burners	5	6	7	5	6	7
High Stage Input / Output (KBTU/H)	130/105.3	180/145.8	240/194.4	130/105.3	180/145.8	240/194.4
Low Stage Input / Output (KBTU/H)	97.5/79	135/109.35	180/145.8	97.5/79	135/109.35	180/145.8
Thermal Efficiency (T.E.)	81%	81%	81%	81%	81%	81%
Annual Fuel Utilization Efficiency (AFUE)	N/A	N/A	N/A	N/A	N/A	N/A
High Stage Temperature Rise Range (°F)	25 - 55	25 - 55	30 - 60	25 - 55	25 - 55	35 - 65
Low Stage Temperature Rise Range (°F)	25 - 55	25 - 55	30 - 60	25 - 55	25 - 55	35 - 65
EVAPORATOR MOTOR COIL						
Motor Type	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE
External Static Pressure (ESP)	0.8 IN.W.G.	0.8 IN.W.G.	0.8 IN.W.G.	0.8 IN.W.G.	0.8 IN.W.G.	0.8 IN.W.G.
Wheel Dia. X Width	Ø15.12 X 15.00	Ø15.12 X 15.00	Ø15.12 X 15.00	Ø15.12 X 15.00	Ø15.12 X 15.00	Ø15.12 X 15.00
Indoor Nominal CFM	3550	3550	3550	3800	3800	3800
RPM	1300	1300	1300	1300	1300	1300
Indoor Horsepower	2.4	2.4	2.4	3.5	3.5	3.5
Filter Size (in)	20x25x2(2) + 25x25x2(2)	20x25x2(2) + 25x25x2(2)	20x25x2(2) + 25x25x2(2)	25x25x2(4)	25x25x2(4)	25x25x2(4)
Drain Size (NPT)	3/4	3/4	3/4	3/4	3/4	3/4
R-410A Refrigerant Charge (oz.)	184/180	184/180	184/180	190/188	190/188	190/188
Evaporator Coil Face Area (ft²)	16.6	16.6	16.6	19.1	19.1	19.1
Rows Deep/ Fins per Inch	4/16	4/16	4/16	4/16	4/16	4/16
CONDENSER FAN/COIL						
Quantity of Condenser Fan Motors	2	2	2	2	2	2
RPM (High/Low stage)	1050	1050	1050	1122	1122	1122
Outdoor Horsepower	1/3	1/3	1/3	1/3	1/3	1/3
Fan Diameter / # Fan Blades	22/3	22/3	22/3	22/3	22/3	22/3
Face Area (ft²)	39.6	39.6	39.6	43.8	43.8	43.8
Rows Deep / Fins per Inch	2/28±1	2/28±1	2/28±1	2/28±1	2/28±1	2/28±1
COMPRESSOR						
Quantity / Type / Stages	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1
Compressor RLA / LRA	5.1/39.5	5.1/39.5	5.1/39.5	19/123.0	19/123.0	19/123.0
ELECTRICAL DATA						
Voltage-Phase-Frequency	575-3-60	575-3-60	575-3-60	208/230-3-60	208/230-3-60	208/230-3-60
Indoor Blower FLA	4	4	4	10.9	10.9	10.9
Max External Static (In. W.C.)	0.8	0.8	0.8	0.8	0.8	0.8
Outdoor Fan FLA	0.67	0.67	0.67	2	2	2
Min. Circuit Ampacity ¹	16.9	16.9	16.9	60.7/60.7	60.7/60.7	60.7/60.7
Max. Overcurrent Protection (A) ²	20	20	20	70/70	70/70	70/70
Power Supply Conduit Hole Dia. (in)	1.375	1.375	1.375	1.375	1.375	1.375
Low-Voltage Conduit Hole Dia. (in)	0.375	0.375	0.375	0.375	0.375	0.375
OPERATING WEIGHT (LBS.)						
Operating Weight (lbs)	1192	1202	1215	1270	1280	1293
SHIPPING WEIGHT (LBS.)						
Ship Weight (lbs)	1267	1277	1290	1345	1355	1368

¹ Wire size should be determined in accordance with National Electrical Codes. Extensive wire runs will require larger wire sizes.

² May use fuses or HACR-type circuit breakers of the same size as noted.

Note: Always check the S&R plate for electrical data on the unit being installed.

Model	DRG1504DL00001S	DRG1504DM00001S	DRG1504DH00001S	DRG1507DL00001S	DRG1507DM00001S	DRG1507DH00001S
COOLING CAPACITY						
Total, BTU/h	137,000	137,000	137,000	137,000	137,000	137,000
IEER / EER	15.5/11.5	15.5/11.5	15.5/11.5	15.5/11.5	15.5/11.5	15.5/11.5
AHRI Reference #	206913019	206913019	206913019	206913019	206913019	206913019
HEATING CAPACITY						
Heat Range	LOW	MEDIUM	HIGH	LOW	MEDIUM	HIGH
No. of Burners	5	6	7	5	6	7
High Stage Input / Output (KBTU/H)	130/105.3	180/145.8	240/194.4	130/105.3	180/145.8	240/194.4
Low Stage Input / Output (KBTU/H)	97.5/79	135/109.35	180/145.8	97.5/79	135/109.35	180/145.8
Thermal Efficiency (T.E.)	81%	81%	81%	81%	81%	81%
Annual Fuel Utilization Efficiency (AFUE)	N/A	N/A	N/A	N/A	N/A	N/A
High Stage Temperature Rise Range (°F)	25 - 55	25 - 55	35 - 65	25 - 55	25 - 55	35 - 65
Low Stage Temperature Rise Range (°F)	25 - 55	25 - 55	35 - 65	25 - 55	25 - 55	35 - 65
EVAPORATOR MOTOR COIL						
Motor Type	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE
External Static Pressure (ESP)	0.8 IN.W.G.	0.8 IN.W.G.	0.8 IN.W.G.	0.8 IN.W.G.	0.8 IN.W.G.	0.8 IN.W.G.
Wheel Dia. X Width	Ø15.12 X 15.00	Ø15.12 X 15.00	Ø15.12 X 15.00	Ø15.12 X 15.00	Ø15.12 X 15.00	Ø15.12 X 15.00
Indoor Nominal CFM	3800	3800	3800	3800	3800	3800
RPM	1300	1300	1300	1300	1300	1300
Indoor Horsepower	3.5	3.5	3.5	3.5	3.5	3.5
Filter Size (in)	25x25x2(4)	25x25x2(4)	25x25x2(4)	25x25x2(4)	25x25x2(4)	25x25x2(4)
Drain Size (NPT)	3/4	3/4	3/4	3/4	3/4	3/4
R-410A Refrigerant Charge (oz.)	190/188	190/188	190/188	190/188	190/188	190/188
Evaporator Coil Face Area (ft²)	19.1	19.1	19.1	19.1	19.1	19.1
Rows Deep/ Fins per Inch	4/16	4/16	4/16	4/16	4/16	4/16
CONDENSER FAN/COIL						
Quantity of Condenser Fan Motors	2	2	2	2	2	2
RPM (High/Low stage)	1050	1050	1050	1050	1050	1050
Outdoor Horsepower	1/3	1/3	1/3	1/3	1/3	1/3
Fan Diameter/ # Fan Blades	22/3	22/3	22/3	22/3	22/3	22/3
Face Area (ft²)	43.8	43.8	43.8	43.8	43.8	43.8
Rows Deep / Fins per Inch	2/28±1	2/28±1	2/28±1	2/28±1	2/28±1	2/28±1
COMPRESSOR						
Quantity / Type / Stages	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1
Compressor RLA / LRA	9.7/62.0	9.7/62.0	9.7/62.0	7.4/50.0	7.4/50.0	7.4/50.0
ELECTRICAL DATA						
Voltage-Phase-Frequency	460-3-60	460-3-60	460-3-60	575-3-60	575-3-60	575-3-60
Indoor Blower FLA	7.2	7.2	7.2	5	5	5
Max External Static (In. W.C.)	0.8	0.8	0.8	0.8	0.8	0.8
Outdoor Fan FLA	0.85	0.85	0.85	0.67	0.67	0.67
Min. Circuit Ampacity ¹	32.3	32.3	32.3	28.7	28.7	28.7
Max. Overcurrent Protection (A) ²	40	40	40	35	35	35
Power Supply Conduit Hole Dia. (in)	1.375	1.375	1.375	1.375	1.375	1.375
Low-Voltage Conduit Hole Dia. (in)	0.375	0.375	0.375	0.375	0.375	0.375
OPERATING WEIGHT (LBS.)						
Operating Weight (lbs)	1270	1280	1293	1270	1280	1293
SHIPPING WEIGHT (LBS.)						
Ship Weight (lbs)	1345	1355	1368	1345	1355	1368

¹ Wire size should be determined in accordance with National Electrical Codes. Extensive wire runs will require larger wire sizes.

² May use fuses or HACR-type circuit breakers of the same size as noted.

Note: Always check the S&R plate for electrical data on the unit being installed.

Model	DRG0903LL000001	DRG0903LM000001	DRG0903LH000001	DRG0904LL000001	DRG0904LM000001	DRG0904LH000001
COOLING CAPACITY						
Total, BTU/h	90,000	90,000	90,000	90,000	90,000	90,000
IEER / EER	16/12.2	16/12.2	16/12.2	16/12.2	16/12.2	16/12.2
AHRI Reference #	206913013	206913013	206913013	206913013	206913013	206913013
HEATING CAPACITY						
Heat Range	LOW	MEDIUM	HIGH	LOW	MEDIUM	HIGH
No. of Burners	5	6	7	5	6	7
High Stage Input / Output (KBTU/H)	130/105.3	180/145.8	225/182.25	130/105.3	180/145.8	225/182.25
Low Stage Input / Output (KBTU/H)	97.5/79	135/109.35	168.75/136.69	97.5/79	135/109.35	168.75/136.69
Thermal Efficiency (T.E.)	81%	81%	81%	81%	81%	81%
Annual Fuel Utilization Efficiency (AFUE)	N/A	N/A	N/A	N/A	N/A	N/A
High Stage Temperature Rise Range (°F)	25 - 55	25 - 55	40 - 70	25 - 55	25 - 55	40 - 70
Low Stage Temperature Rise Range (°F)	25 - 55	25 - 55	40 - 70	25 - 55	25 - 55	40 - 70
EVAPORATOR MOTOR COIL						
Motor Type	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE
External Static Pressure (ESP)	1.4 IN.W.G.	1.4 IN.W.G.	1.4 IN.W.G.	1.4 IN.W.G.	1.4 IN.W.G.	1.4 IN.W.G.
Wheel Dia. X Width	Ø15.12 X 12.62	Ø15.12 X 12.62	Ø15.12 X 12.62	Ø15.12 X 12.62	Ø15.12 X 12.62	Ø15.12 X 12.62
Indoor Nominal CFM	3000	3000	3000	3000	3000	3000
RPM	1300	1300	1300	1300	1300	1300
Indoor Horsepower	2.4	2.4	2.4	2.4	2.4	2.4
Filter Size (in)	16X25X2 (4)	16X25X2 (4)	16X25X2 (4)	16X25X2 (4)	16X25X2 (4)	16X25X2 (4)
Drain Size (NPT)	3/4	3/4	3/4	3/4	3/4	3/4
R-410A Refrigerant Charge (oz.)	133/133	133/133	133/133	133/133	133/133	133/133
Evaporator Coil Face Area (ft²)	12.8	12.8	12.8	12.8	12.8	12.8
Rows Deep/ Fins per Inch	4/16	4/16	4/16	4/16	4/16	4/16
CONDENSER FAN/COIL						
Quantity of Condenser Fan Motors	2	2	2	2	2	2
RPM (High/Low stage)	1122	1122	1122	1050	1050	1050
Outdoor Horsepower	1/3	1/3	1/3	1/3	1/3	1/3
Fan Diameter/ # Fan Blades	22/3	22/3	22/3	22/3	22/3	22/3
Face Area (ft²)	35.3	35.3	35.3	35.3	35.3	35.3
Rows Deep / Fins per Inch	2/28±1	2/28±1	2/28±1	2/28±1	2/28±1	2/28±1
COMPRESSOR						
Quantity / Type / Stages	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1
Compressor RLA / LRA	13.1/83.1	13.1/83.1	13.1/83.1	6.1/41.0	6.1/41.0	6.1/41.0
ELECTRICAL DATA						
Voltage-Phase-Frequency	208/230-3-60	208/230-3-60	208/230-3-60	460-3-60	460-3-60	460-3-60
Indoor Blower FLA	8	8	8	5.4	5.4	5.4
Max External Static (In. W.C.)	1.4	1.4	1.4	1.4	1.4	1.4
Outdoor Fan FLA	2	2	2	0.85	0.85	0.85
Min. Circuit Ampacity ¹	41.6/41.6	41.6/41.6	41.6/41.6	20.8	20.8	20.8
Max. Overcurrent Protection (A) ²	50/50	50/50	50/50	25	25	25
Power Supply Conduit Hole Dia. (in)	1.375	1.375	1.375	1.375	1.375	1.375
Low-Voltage Conduit Hole Dia. (in)	0.375	0.375	0.375	0.375	0.375	0.375
OPERATING WEIGHT (LBS.)						
Operating Weight (lbs)	1162	1172	1181	1162	1172	1181
SHIPPING WEIGHT (LBS.)						
Ship Weight (lbs)	1237	1247	1256	1237	1247	1256

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	DRG0907LL00001	DRG0907LM00001	DRG0907LH00001	DRG1023LL00001	DRG1023LM00001	DRG1023LH00001
COOLING CAPACITY						
Total, BTU/h	90,000	90,000	90,000	102,000	102,000	102,000
IEER / EER	16/12.2	16/12.2	16/12.2	17/12.2	17/12.2	17/12.2
AHRI Reference #	206913013	206913013	206913013	206913015	206913015	206913015
HEATING CAPACITY						
Heat Range	LOW	MEDIUM	HIGH	LOW	MEDIUM	HIGH
No. of Burners	5	6	7	5	6	7
High Stage Input / Output (KBTU/H)	130/105.3	180/145.8	225/182.25	130/105.3	180/145.8	225/182.25
Low Stage Input / Output (KBTU/H)	97.5/79	135/109.35	168.75/136.69	97.5/79	135/109.35	168.75/136.69
Thermal Efficiency (T.E.)	81%	81%	81%	81%	81%	81%
Annual Fuel Utilization Efficiency (AFUE)	N/A	N/A	N/A	N/A	N/A	N/A
High Stage Temperature Rise Range (°F)	25 - 55	25 - 55	40 - 70	25 - 55	25 - 55	40 - 70
Low Stage Temperature Rise Range (°F)	25 - 55	25 - 55	40 - 70	25 - 55	25 - 55	40 - 70
EVAPORATOR MOTOR COIL						
Motor Type	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE
External Static Pressure (ESP)	1.4 IN.W.G.	1.4 IN.W.G.	1.4 IN.W.G.	1.4 IN.W.G.	1.4 IN.W.G.	1.4 IN.W.G.
Wheel Dia. X Width	Ø15.12 X 12.62	Ø15.12 X 12.62	Ø15.12 X 12.62	Ø15.12 X 12.62	Ø15.12 X 12.62	Ø15.12 X 12.62
Indoor Nominal CFM	3000	3000	3000	3100	3100	3100
RPM	1300	1300	1300	1300	1300	1300
Indoor Horsepower	2.4	2.4	2.4	3.5	3.5	3.5
Filter Size (in)	16X25X2 (4)	16X25X2 (4)	16X25X2 (4)	20x25x2(2) + 25x25x2(2)	20x25x2(2) + 25x25x2(2)	20x25x2(2) + 25x25x2(2)
Drain Size (NPT)	3/4	3/4	3/4	3/4	3/4	3/4
R-410A Refrigerant Charge (oz.)	133/133	133/133	133/133	155/155	155/155	155/155
Evaporator Coil Face Area (ft²)	12.8	12.8	12.8	16.6	16.6	16.6
Rows Deep/ Fins per Inch	4/16	4/16	4/16	4/16	4/16	4/16
CONDENSER FAN/COIL						
Quantity of Condenser Fan Motors	2	2	2	2	2	2
RPM (High/Low stage)	1050	1050	1050	1122	1122	1122
Outdoor Horsepower	1/3	1/3	1/3	1/3	1/3	1/3
Fan Diameter/ # Fan Blades	22/3	22/3	22/3	22/3	22/3	22/3
Face Area (ft²)	35.3	35.3	35.3	35.3	35.3	35.3
Rows Deep / Fins per Inch	2/28±1	2/28±1	2/28±1	2/28±1	2/28±1	2/28±1
COMPRESSOR						
Quantity / Type / Stages	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1
Compressor RLA / LRA	4.4/33.0	4.4/33.0	4.4/33.0	14.5/98.0	14.5/98.0	14.5/98.0
ELECTRICAL DATA						
Voltage-Phase-Frequency	575-3-60	575-3-60	575-3-60	208/230-3-60	208/230-3-60	208/230-3-60
Indoor Blower FLA	4	4	4	10.9	10.9	10.9
Max External Static (In. W.C.)	1.4	1.4	1.4	1.4	1.4	1.4
Outdoor Fan FLA	0.67	0.67	0.67	2	2	2
Min. Circuit Ampacity ¹	15.1	15.1	15.1	47.5/47.5	47.5/47.5	47.5/47.5
Max. Overcurrent Protection (A) ²	20	20	20	60/60	60/60	60/60
Power Supply Conduit Hole Dia. (in)	1.375	1.375	1.375	1.375	1.375	1.375
Low-Voltage Conduit Hole Dia. (in)	0.375	0.375	0.375	0.375	0.375	0.375
OPERATING WEIGHT (LBS.)						
Operating Weight (lbs)	1162	1172	1181	1173	1183	1192
SHIPPING WEIGHT (LBS.)						
Ship Weight (lbs)	1237	1247	1256	1248	1258	1267

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	DRG1024LL00001	DRG1024LM00001	DRG1024LH00001	DRG1027LL00001	DRG1027LM00001	DRG1027LH00001
COOLING CAPACITY						
Total, BTU/h	102,000	102,000	102,000	102,000	102,000	102,000
IEER / EER	17/12.2	17/12.2	17/12.2	17/12.2	17/12.2	17/12.2
AHRI Reference #	206913015	206913015	206913015	206913015	206913015	206913015
HEATING CAPACITY						
Heat Range	LOW	MEDIUM	HIGH	LOW	MEDIUM	HIGH
No. of Burners	5	6	7	5	6	7
High Stage Input / Output (KBTU/H)	130/105.3	180/145.8	225/182.25	130/105.3	180/145.8	225/182.25
Low Stage Input / Output (KBTU/H)	97.5/79	135/109.35	168.75/136.69	97.5/79	135/109.35	168.75/136.69
Thermal Efficiency (T.E.)	81%	81%	81%	81%	81%	81%
Annual Fuel Utilization Efficiency (AFUE)	N/A	N/A	N/A	N/A	N/A	N/A
High Stage Temperature Rise Range (°F)	25 - 55	25 - 55	40 - 70	25 - 55	25 - 55	40 - 70
Low Stage Temperature Rise Range (°F)	25 - 55	25 - 55	40 - 70	25 - 55	25 - 55	40 - 70
EVAPORATOR MOTOR COIL						
Motor Type	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE
External Static Pressure (ESP)	1.4 IN.W.G.	1.4 IN.W.G.	1.4 IN.W.G.	1.4 IN.W.G.	1.4 IN.W.G.	1.4 IN.W.G.
Wheel Dia. X Width	Ø15.12 X 12.62	Ø15.12 X 12.62	Ø15.12 X 12.62	Ø15.12 X 12.62	Ø15.12 X 12.62	Ø15.12 X 12.62
Indoor Nominal CFM	3100	3100	3100	3100	3100	3100
RPM	1300	1300	1300	1300	1300	1300
Indoor Horsepower	3.5	3.5	3.5	3.5	3.5	3.5
Filter Size (in)	20x25x2(2) + 25x25x2(2)	20x25x2(2) + 25x25x2(2)	20x25x2(2) + 25x25x2(2)	20x25x2(2) + 25x25x2(2)	20x25x2(2) + 25x25x2(2)	20x25x2(2) + 25x25x2(2)
Drain Size (NPT)	3/4	3/4	3/4	3/4	3/4	3/4
R-410A Refrigerant Charge (oz.)	155/155	155/155	155/155	155/155	155/155	155/155
Evaporator Coil Face Area (ft²)	16.6	16.6	16.6	16.6	16.6	16.6
Rows Deep/ Fins per Inch	4/16	4/16	4/16	4/16	4/16	4/16
CONDENSER FAN/COIL						
Quantity of Condenser Fan Motors	2	2	2	2	2	2
RPM (High/Low stage)	1050	1050	1050	1050	1050	1050
Outdoor Horsepower	1/3	1/3	1/3	1/3	1/3	1/3
Fan Diameter/ # Fan Blades	22/3	22/3	22/3	22/3	22/3	22/3
Face Area (ft²)	35.3	35.3	35.3	35.3	35.3	35.3
Rows Deep / Fins per Inch	2/28±1	2/28±1	2/28±1	2/28±1	2/28±1	2/28±1
COMPRESSOR						
Quantity / Type / Stages	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1
Compressor RLA / LRA	6.3/55.0	6.3/55.0	6.3/55.0	6.0/41.0	6.0/41.0	6.0/41.0
ELECTRICAL DATA						
Voltage-Phase-Frequency	460-3-60	460-3-60	460-3-60	575-3-60	575-3-60	575-3-60
Indoor Blower FLA	7.2	7.2	7.2	5	5	5
Max External Static (In. W.C.)	1.4	1.4	1.4	1.4	1.4	1.4
Outdoor Fan FLA	0.85	0.85	0.85	0.67	0.67	0.67
Min. Circuit Ampacity ¹	23.2	23.2	23.2	19.9	19.9	19.9
Max. Overcurrent Protection (A) ²	25	25	25	25	25	25
Power Supply Conduit Hole Dia. (in)	1.375	1.375	1.375	1.375	1.375	1.375
Low-Voltage Conduit Hole Dia. (in)	0.375	0.375	0.375	0.375	0.375	0.375
OPERATING WEIGHT (LBS.)						
Operating Weight (lbs)	1173	1183	1192	1173	1183	1192
SHIPPING WEIGHT (LBS.)						
Ship Weight (lbs)	1248	1258	1267	1248	1258	1267

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	DRG1203LL00001	DRG1203LM00001	DRG1203LH00001	DRG1204LL00001	DRG1204LM00001	DRG1204LH00001
COOLING CAPACITY						
Total, BTU/h	115,000	115,000	115,000	115,000	115,000	115,000
IEER / EER	17/12.2	17/12.2	17/12.2	17/12.2	17/12.2	17/12.2
AHRI Reference #	206913017	206913017	206913017	206913017	206913017	206913017
HEATING CAPACITY						
Heat Range	LOW	MEDIUM	HIGH	LOW	MEDIUM	HIGH
No. of Burners	5	6	7	5	6	7
High Stage Input / Output (KBTU/H)	130/105.3	180/145.8	240/194.4	130/105.3	180/145.8	240/194.4
Low Stage Input / Output (KBTU/H)	97.5/79	135/109.35	180/145.8	97.5/79	135/109.35	180/145.8
Thermal Efficiency (T.E.)	81%	81%	81%	81%	81%	81%
Annual Fuel Utilization Efficiency (AFUE)	N/A	N/A	N/A	N/A	N/A	N/A
High Stage Temperature Rise Range (°F)	25 - 55	25 - 55	30 - 60	25 - 55	25 - 55	30 - 60
Low Stage Temperature Rise Range (°F)	25 - 55	25 - 55	30 - 60	25 - 55	25 - 55	30 - 60
EVAPORATOR MOTOR COIL						
Motor Type	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE
External Static Pressure (ESP)	1.4 IN.W.G.	1.4 IN.W.G.	1.4 IN.W.G.	1.4 IN.W.G.	1.4 IN.W.G.	1.4 IN.W.G.
Wheel Dia. X Width	Ø15.12 X 15.00	Ø15.12 X 15.00	Ø15.12 X 15.00	Ø15.12 X 15.00	Ø15.12 X 15.00	Ø15.12 X 15.00
Indoor Nominal CFM	3550	3550	3550	3550	3550	3550
RPM	1300	1300	1300	1300	1300	1300
Indoor Horsepower	3.5	3.5	3.5	3.5	3.5	3.5
Filter Size (in)	20x25x2(2) + 25x25x2(2)	20x25x2(2) + 25x25x2(2)	20x25x2(2) + 25x25x2(2)	20x25x2(2) + 25x25x2(2)	20x25x2(2) + 25x25x2(2)	20x25x2(2) + 25x25x2(2)
Drain Size (NPT)	3/4	3/4	3/4	3/4	3/4	3/4
R-410A Refrigerant Charge (oz.)	184/180	184/180	184/180	184/180	184/180	184/180
Evaporator Coil Face Area (ft²)	16.6	16.6	16.6	16.6	16.6	16.6
Rows Deep/ Fins per Inch	4/16	4/16	4/16	4/16	4/16	4/16
CONDENSER FAN/COIL						
Quantity of Condenser Fan Motors	2	2	2	2	2	2
RPM (High/Low stage)	1122	1122	1122	1050	1050	1050
Outdoor Horsepower	1/3	1/3	1/3	1/3	1/3	1/3
Fan Diameter/ # Fan Blades	22/3	22/3	22/3	22/3	22/3	22/3
Face Area (ft²)	39.6	39.6	39.6	39.6	39.6	39.6
Rows Deep / Fins per Inch	2/28±1	2/28±1	2/28±1	2/28±1	2/28±1	2/28±1
COMPRESSOR						
Quantity / Type / Stages	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1
Compressor RLA / LRA	15.9/110	15.9/110	15.9/110	7.1/52.0	7.1/52.0	7.1/52.0
ELECTRICAL DATA						
Voltage-Phase-Frequency	208/230-3-60	208/230-3-60	208/230-3-60	460-3-60	460-3-60	460-3-60
Indoor Blower FLA	10.9	10.9	10.9	7.2	7.2	7.2
Max External Static (In. W.C.)	1.4	1.4	1.4	1.4	1.4	1.4
Outdoor Fan FLA	2	2	2	0.85	0.85	0.85
Min. Circuit Ampacity ¹	50.7/50.7	50.7/50.7	50.7/50.7	24.8	24.8	24.8
Max. Overcurrent Protection (A) ²	60/60	60/60	60/60	30	30	30
Power Supply Conduit Hole Dia. (in)	1.375	1.375	1.375	1.375	1.375	1.375
Low-Voltage Conduit Hole Dia. (in)	0.375	0.375	0.375	0.375	0.375	0.375
OPERATING WEIGHT (LBS.)						
Operating Weight (lbs)	1192	1202	1215	1192	1202	1215
SHIPPING WEIGHT (LBS.)						
Ship Weight (lbs)	1267	1277	1290	1267	1277	1290

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	DRG1207LL00001	DRG1207LM00001	DRG1207LH00001	DRG1503LL00001	DRG1503LM00001	DRG1503LH00001
COOLING CAPACITY						
Total, BTU/h	115,000	115,000	115,000	137,000	137,000	137,000
IEER / EER	17/12.2	17/12.2	17/12.2	15.5/11.5	15.5/11.5	15.5/11.5
AHRI Reference #	206913017	206913017	206913017	206913019	206913019	206913019
HEATING CAPACITY						
Heat Range	LOW	MEDIUM	HIGH	LOW	MEDIUM	HIGH
No. of Burners	5	6	7	5	6	7
High Stage Input / Output (KBTU/H)	130/105.3	180/145.8	240/194.4	130/105.3	180/145.8	240/194.4
Low Stage Input / Output (KBTU/H)	97.5/79	135/109.35	180/145.8	97.5/79	135/109.35	180/145.8
Thermal Efficiency (T.E.)	81%	81%	81%	81%	81%	81%
Annual Fuel Utilization Efficiency (AFUE)	N/A	N/A	N/A	N/A	N/A	N/A
High Stage Temperature Rise Range (°F)	25 - 55	25 - 55	30 - 60	25 - 55	25 - 55	35 - 65
Low Stage Temperature Rise Range (°F)	25 - 55	25 - 55	30 - 60	25 - 55	25 - 55	35 - 65
EVAPORATOR MOTOR COIL						
Motor Type	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE
External Static Pressure (ESP)	1.4 IN.W.G.	1.4 IN.W.G.	1.4 IN.W.G.	1.4 IN.W.G.	1.4 IN.W.G.	1.4 IN.W.G.
Wheel Dia. X Width	Ø15.12 X 15.00	Ø15.12 X 15.00	Ø15.12 X 15.00	Ø15.12 X 15.00	Ø15.12 X 15.00	Ø15.12 X 15.00
Indoor Nominal CFM	3550	3550	3550	3800	3800	3800
RPM	1300	1300	1300	1300	1300	1300
Indoor Horsepower	3.5	3.5	3.5	3.5	3.5	3.5
Filter Size (in)	20x25x2(2) + 25x25x2(2)	20x25x2(2) + 25x25x2(2)	20x25x2(2) + 25x25x2(2)	25x25x2(4)	25x25x2(4)	25x25x2(4)
Drain Size (NPT)	3/4	3/4	3/4	3/4	3/4	3/4
R-410A Refrigerant Charge (oz.)	184/180	184/180	184/180	190/188	190/188	190/188
Evaporator Coil Face Area (ft²)	16.6	16.6	16.6	19.1	19.1	19.1
Rows Deep/ Fins per Inch	4/16	4/16	4/16	4/16	4/16	4/16
CONDENSER FAN/COIL						
Quantity of Condenser Fan Motors	2	2	2	2	2	2
RPM (High/Low stage)	1050	1050	1050	1122	1122	1122
Outdoor Horsepower	1/3	1/3	1/3	1/3	1/3	1/3
Fan Diameter/ # Fan Blades	22/3	22/3	22/3	22/3	22/3	22/3
Face Area (ft²)	39.6	39.6	39.6	43.8	43.8	43.8
Rows Deep / Fins per Inch	2/28±1	2/28±1	2/28±1	2/28±1	2/28±1	2/28±1
COMPRESSOR						
Quantity / Type / Stages	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1
Compressor RLA / LRA	5.1/39.5	5.1/39.5	5.1/39.5	19/123.0	19/123.0	19/123.0
ELECTRICAL DATA						
Voltage-Phase-Frequency	575-3-60	575-3-60	575-3-60	208/230-3-60	208/230-3-60	208/230-3-60
Indoor Blower FLA	5	5	5	10.9	10.9	10.9
Max External Static (In. W.C.)	1.4	1.4	1.4	1.4	1.4	1.4
Outdoor Fan FLA	0.67	0.67	0.67	2	2	2
Min. Circuit Ampacity ¹	17.9	17.9	17.9	60.7/60.7	60.7/60.7	60.7/60.7
Max. Overcurrent Protection (A) ²	20	20	20	70/70	70/70	70/70
Power Supply Conduit Hole Dia. (in)	1.375	1.375	1.375	1.375	1.375	1.375
Low-Voltage Conduit Hole Dia. (in)	0.375	0.375	0.375	0.375	0.375	0.375
OPERATING WEIGHT (LBS.)						
Operating Weight (lbs)	1192	1202	1215	1270	1280	1293
SHIPPING WEIGHT (LBS.)						
Ship Weight (lbs)	1267	1277	1290	1345	1355	1368

¹ Wire size should be determined in accordance with National Electrical Codes. Extensive wire runs will require larger wire sizes.

² May use fuses or HACR-type circuit breakers of the same size as noted.

Note: Always check the S&R plate for electrical data on the unit being installed.

Model	DRG1504LL00001	DRG1504LM00001	DRG1504LH00001	DRG1507LL00001	DRG1507LM00001	DRG1507LH00001
COOLING CAPACITY						
Total, BTU/h	137,000	137,000	137,000	137,000	137,000	137,000
IEER / EER	15.5/11.5	15.5/11.5	15.5/11.5	15.5/11.5	15.5/11.5	15.5/11.5
AHRI Reference #	206913019	206913019	206913019	206913019	206913019	206913019
HEATING CAPACITY						
Heat Range	LOW	MEDIUM	HIGH	LOW	MEDIUM	HIGH
No. of Burners	5	6	7	5	6	7
High Stage Input / Output (KBTU/H)	130/105.3	180/145.8	240/194.4	130/105.3	180/145.8	240/194.4
Low Stage Input / Output (KBTU/H)	97.5/79	135/109.35	180/145.8	97.5/79	135/109.35	180/145.8
Thermal Efficiency (T.E.)	81%	81%	81%	81%	81%	81%
Annual Fuel Utilization Efficiency (AFUE)	N/A	N/A	N/A	N/A	N/A	N/A
High Stage Temperature Rise Range (°F)	25 - 55	25 - 55	35 - 65	25 - 55	25 - 55	35 - 65
Low Stage Temperature Rise Range (°F)	25 - 55	25 - 55	35 - 65	25 - 55	25 - 55	35 - 65
EVAPORATOR MOTOR COIL						
Motor Type	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE
External Static Pressure (ESP)	1.4 IN.W.G.	1.4 IN.W.G.	1.4 IN.W.G.	1.4 IN.W.G.	1.4 IN.W.G.	1.4 IN.W.G.
Wheel Dia. X Width	Ø15.12 X 15.00	Ø15.12 X 15.00	Ø15.12 X 15.00	Ø15.12 X 15.00	Ø15.12 X 15.00	Ø15.12 X 15.00
Indoor Nominal CFM	3800	3800	3800	3800	3800	3800
RPM	1300	1300	1300	1300	1300	1300
Indoor Horsepower	3.5	3.5	3.5	3.5	3.5	3.5
Filter Size (in)	25x25x2(4)	25x25x2(4)	25x25x2(4)	25x25x2(4)	25x25x2(4)	25x25x2(4)
Drain Size (NPT)	3/4	3/4	3/4	3/4	3/4	3/4
R-410A Refrigerant Charge (oz.)	190/188	190/188	190/188	190/188	190/188	190/188
Evaporator Coil Face Area (ft²)	19.1	19.1	19.1	19.1	19.1	19.1
Rows Deep/ Fins per Inch	4/16	4/16	4/16	4/16	4/16	4/16
CONDENSER FAN/COIL						
Quantity of Condenser Fan Motors	2	2	2	2	2	2
RPM (High/Low stage)	1050	1050	1050	1050	1050	1050
Outdoor Horsepower	1/3	1/3	1/3	1/3	1/3	1/3
Fan Diameter/ # Fan Blades	22/3	22/3	22/3	22/3	22/3	22/3
Face Area (ft²)	43.8	43.8	43.8	43.8	43.8	43.8
Rows Deep / Fins per Inch	2/28±1	2/28±1	2/28±1	2/28±1	2/28±1	2/28±1
COMPRESSOR						
Quantity / Type / Stages	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1
Compressor RLA / LRA	9.7/62.0	9.7/62.0	9.7/62.0	7.4/50.0	7.4/50.0	7.4/50.0
ELECTRICAL DATA						
Voltage-Phase-Frequency	460-3-60	460-3-60	460-3-60	575-3-60	575-3-60	575-3-60
Indoor Blower FLA	7.2	7.2	7.2	5	5	5
Max External Static (In. W.C.)	1.4	1.4	1.4	1.4	1.4	1.4
Outdoor Fan FLA	0.85	0.85	0.85	0.67	0.67	0.67
Min. Circuit Ampacity ¹	32.3	32.3	32.3	28.7	28.7	28.7
Max. Overcurrent Protection (A) ²	40	40	40	35	35	35
Power Supply Conduit Hole Dia. (in)	1.375	1.375	1.375	1.375	1.375	1.375
Low-Voltage Conduit Hole Dia. (in)	0.375	0.375	0.375	0.375	0.375	0.375
OPERATING WEIGHT (LBS.)						
Operating Weight (lbs)	1270	1280	1293	1270	1280	1293
SHIPPING WEIGHT (LBS.)						
Ship Weight (lbs)	1345	1355	1368	1345	1355	1368

¹ Wire size should be determined in accordance with National Electrical Codes. Extensive wire runs will require larger wire sizes.

² May use fuses or HACR-type circuit breakers of the same size as noted.

Note: Always check the S&R plate for electrical data on the unit being installed.

Model	DRG0903WL000001	DRG0903WM000001	DRG0903WH000001	DRG0904WL000001	DRG0904WM000001	DRG0904WH000001
COOLING CAPACITY						
Total, BTU/h	90,000	90,000	90,000	90,000	90,000	90,000
IEER / EER	16/12.2	16/12.2	16/12.2	16/12.2	16/12.2	16/12.2
AHRI Reference #	206913013	206913013	206913013	206913013	206913013	206913013
HEATING CAPACITY						
Heat Range	LOW	MEDIUM	HIGH	LOW	MEDIUM	HIGH
No. of Burners	5	6	7	5	6	7
High Stage Input / Output (KBTU/H)	130/105.3	180/145.8	225/182.25	130/105.3	180/145.8	225/182.25
Low Stage Input / Output (KBTU/H)	97.5/79	135/109.35	168.75/136.69	97.5/79	135/109.35	168.75/136.69
Thermal Efficiency (T.E.)	81%	81%	81%	81%	81%	81%
Annual Fuel Utilization Efficiency (AFUE)	N/A	N/A	N/A	N/A	N/A	N/A
High Stage Temperature Rise Range (°F)	25 - 55	25 - 55	40 - 70	25 - 55	25 - 55	40 - 70
Low Stage Temperature Rise Range (°F)	25 - 55	25 - 55	40 - 70	25 - 55	25 - 55	40 - 70
EVAPORATOR MOTOR COIL						
Motor Type	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE
External Static Pressure (ESP)	2.0 IN.W.G.	2.0 IN.W.G.	2.0 IN.W.G.	2.0 IN.W.G.	2.0 IN.W.G.	2.0 IN.W.G.
Wheel Dia. X Width	Ø15.12 X 12.62	Ø15.12 X 12.62	Ø15.12 X 12.62	Ø15.12 X 12.62	Ø15.12 X 12.62	Ø15.12 X 12.62
Indoor Nominal CFM	3000	3000	3000	3000	3000	3000
RPM	1300	1300	1300	1300	1300	1300
Indoor Horsepower	3.5	3.5	3.5	3.5	3.5	3.5
Filter Size (in)	16X25X2 (4)	16X25X2 (4)	16X25X2 (4)	16X25X2 (4)	16X25X2 (4)	16X25X2 (4)
Drain Size (NPT)	3/4	3/4	3/4	3/4	3/4	3/4
R-410A Refrigerant Charge (oz.)	133/133	133/133	133/133	133/133	133/133	133/133
Evaporator Coil Face Area (ft²)	12.8	12.8	12.8	12.8	12.8	12.8
Rows Deep/ Fins per Inch	4/16	4/16	4/16	4/16	4/16	4/16
CONDENSER FAN/COIL						
Quantity of Condenser Fan Motors	2	2	2	2	2	2
RPM (High/Low stage)	1122	1122	1122	1050	1050	1050
Outdoor Horsepower	1/3	1/3	1/3	1/3	1/3	1/3
Fan Diameter/ # Fan Blades	22/3	22/3	22/3	22/3	22/3	22/3
Face Area (ft²)	35.3	35.3	35.3	35.3	35.3	35.3
Rows Deep / Fins per Inch	2/28±1	2/28±1	2/28±1	2/28±1	2/28±1	2/28±1
COMPRESSOR						
Quantity / Type / Stages	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1
Compressor RLA / LRA	13.1/83.1	13.1/83.1	13.1/83.1	6.1/41.0	6.1/41.0	6.1/41.0
ELECTRICAL DATA						
Voltage-Phase-Frequency	208/230-3-60	208/230-3-60	208/230-3-60	460-3-60	460-3-60	460-3-60
Indoor Blower FLA	10.9	10.9	10.9	7.2	7.2	7.2
Max External Static (In. W.C.)	2	2	2	2	2	2
Outdoor Fan FLA	2	2	2	0.85	0.85	0.85
Min. Circuit Ampacity ¹	44.5/44.5	44.5/44.5	44.5/44.5	22.6	22.6	22.6
Max. Overcurrent Protection (A) ²	50/50	50/50	50/50	25	25	25
Power Supply Conduit Hole Dia. (in)	1.375	1.375	1.375	1.375	1.375	1.375
Low-Voltage Conduit Hole Dia. (in)	0.375	0.375	0.375	0.375	0.375	0.375
OPERATING WEIGHT (LBS.)						
Operating Weight (lbs)	1162	1172	1181	1162	1172	1181
SHIPPING WEIGHT (LBS.)						
Ship Weight (lbs)	1237	1247	1256	1237	1247	1256

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	DRG0907WL00001	DRG0907WM00001	DRG0907WH00001	DRG1023WL00001	DRG1023WM00001	DRG1023WH00001
COOLING CAPACITY						
Total, BTU/h	90,000	90,000	90,000	102,000	102,000	102,000
IEER / EER	16/12.2	16/12.2	16/12.2	17/12.2	17/12.2	17/12.2
AHRI Reference #	206913013	206913013	206913013	206913015	206913015	206913015
HEATING CAPACITY						
Heat Range	LOW	MEDIUM	HIGH	LOW	MEDIUM	HIGH
No. of Burners	5	6	7	5	6	7
High Stage Input / Output (KBTU/H)	130/105.3	180/145.8	225/182.25	130/105.3	180/145.8	225/182.25
Low Stage Input / Output (KBTU/H)	97.5/79	135/109.35	168.75/136.69	97.5/79	135/109.35	168.75/136.69
Thermal Efficiency (T.E.)	81%	81%	81%	81%	81%	81%
Annual Fuel Utilization Efficiency (AFUE)	N/A	N/A	N/A	N/A	N/A	N/A
High Stage Temperature Rise Range (°F)	25 - 55	25 - 55	40 - 70	25 - 55	25 - 55	40 - 70
Low Stage Temperature Rise Range (°F)	25 - 55	25 - 55	40 - 70	25 - 55	25 - 55	40 - 70
EVAPORATOR MOTOR COIL						
Motor Type	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE
External Static Pressure (ESP)	2.0 IN.W.G.	2.0 IN.W.G.	2.0 IN.W.G.	2.0 IN.W.G.	2.0 IN.W.G.	2.0 IN.W.G.
Wheel Dia. X Width	Ø15.12 X 12.62	Ø15.12 X 12.62	Ø15.12 X 12.62	Ø15.12 X 12.62	Ø15.12 X 12.62	Ø15.12 X 12.62
Indoor Nominal CFM	3000	3000	3000	3100	3100	3100
RPM	1300	1300	1300	1300	1300	1300
Indoor Horsepower	3.5	3.5	3.5	3.5	3.5	3.5
Filter Size (in)	16X25X2 (4)	16X25X2 (4)	16X25X2 (4)	20x25x2(2) + 25x25x2(2)	20x25x2(2) + 25x25x2(2)	20x25x2(2) + 25x25x2(2)
Drain Size (NPT)	3/4	3/4	3/4	3/4	3/4	3/4
R-410A Refrigerant Charge (oz.)	133/133	133/133	133/133	155/155	155/155	155/155
Evaporator Coil Face Area (ft²)	12.8	12.8	12.8	16.6	16.6	16.6
Rows Deep/ Fins per Inch	4/16	4/16	4/16	4/16	4/16	4/16
CONDENSER FAN/COIL						
Quantity of Condenser Fan Motors	2	2	2	2	2	2
RPM (High/Low stage)	1050	1050	1050	1122	1122	1122
Outdoor Horsepower	1/3	1/3	1/3	1/3	1/3	1/3
Fan Diameter/ # Fan Blades	22/3	22/3	22/3	22/3	22/3	22/3
Face Area (ft²)	35.3	35.3	35.3	35.3	35.3	35.3
Rows Deep / Fins per Inch	2/28±1	2/28±1	2/28±1	2/28±1	2/28±1	2/28±1
COMPRESSOR						
Quantity / Type / Stages	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1
Compressor RLA / LRA	4.4/33.0	4.4/33.0	4.4/33.0	14.5/98.0	14.5/98.0	14.5/98.0
ELECTRICAL DATA						
Voltage-Phase-Frequency	575-3-60	575-3-60	575-3-60	208/230-3-60	208/230-3-60	208/230-3-60
Indoor Blower FLA	5	5	5	10.9	10.9	10.9
Max External Static (In. W.C.)	2	2	2	2	2	2
Outdoor Fan FLA	0.67	0.67	0.67	2	2	2
Min. Circuit Ampacity ¹	16.1	16.1	16.1	47.5/47.5	47.5/47.5	47.5/47.5
Max. Overcurrent Protection (A) ²	20	20	20	60/60	60/60	60/60
Power Supply Conduit Hole Dia. (in)	1.375	1.375	1.375	1.375	1.375	1.375
Low-Voltage Conduit Hole Dia. (in)	0.375	0.375	0.375	0.375	0.375	0.375
OPERATING WEIGHT (LBS.)						
Operating Weight (lbs)	1162	1172	1181	1173	1183	1192
SHIPPING WEIGHT (LBS.)						
Ship Weight (lbs)	1237	1247	1256	1248	1258	1267

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	DRG1024WL00001	DRG1024WM00001	DRG1024WH00001	DRG1027WL00001	DRG1027WM00001	DRG1027WH00001
COOLING CAPACITY						
Total, BTU/h	102,000	102,000	102,000	102,000	102,000	102,000
IEER / EER	17/12.2	17/12.2	17/12.2	17/12.2	17/12.2	17/12.2
AHRI Reference #	206913015	206913015	206913015	206913015	206913015	206913015
HEATING CAPACITY						
Heat Range	LOW	MEDIUM	HIGH	LOW	MEDIUM	HIGH
No. of Burners	5	6	7	5	6	7
High Stage Input / Output (KBTU/H)	130/105.3	180/145.8	225/182.25	130/105.3	180/145.8	225/182.25
Low Stage Input / Output (KBTU/H)	97.5/79	135/109.35	168.75/136.69	97.5/79	135/109.35	168.75/136.69
Thermal Efficiency (T.E.)	81%	81%	81%	81%	81%	81%
Annual Fuel Utilization Efficiency (AFUE)	N/A	N/A	N/A	N/A	N/A	N/A
High Stage Temperature Rise Range (°F)	25 - 55	25 - 55	40 - 70	25 - 55	25 - 55	40 - 70
Low Stage Temperature Rise Range (°F)	25 - 55	25 - 55	40 - 70	25 - 55	25 - 55	40 - 70
EVAPORATOR MOTOR COIL						
Motor Type	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE
External Static Pressure (ESP)	2.0 IN.W.G.	2.0 IN.W.G.	2.0 IN.W.G.	2.0 IN.W.G.	2.0 IN.W.G.	2.0 IN.W.G.
Wheel Dia. X Width	Ø15.12 X 12.62	Ø15.12 X 12.62	Ø15.12 X 12.62	Ø15.12 X 12.62	Ø15.12 X 12.62	Ø15.12 X 12.62
Indoor Nominal CFM	3100	3100	3100	3100	3100	3100
RPM	1300	1300	1300	1300	1300	1300
Indoor Horsepower	3.5	3.5	3.5	3.5	3.5	3.5
Filter Size (in)	20x25x2(2) + 25x25x2(2)	20x25x2(2) + 25x25x2(2)	20x25x2(2) + 25x25x2(2)	20x25x2(2) + 25x25x2(2)	20x25x2(2) + 25x25x2(2)	20x25x2(2) + 25x25x2(2)
Drain Size (NPT)	3/4	3/4	3/4	3/4	3/4	3/4
R-410A Refrigerant Charge (oz.)	155/155	155/155	155/155	155/155	155/155	155/155
Evaporator Coil Face Area (ft²)	16.6	16.6	16.6	16.6	16.6	16.6
Rows Deep/ Fins per Inch	4/16	4/16	4/16	4/16	4/16	4/16
CONDENSER FAN/COIL						
Quantity of Condenser Fan Motors	2	2	2	2	2	2
RPM (High/Low stage)	1050	1050	1050	1050	1050	1050
Outdoor Horsepower	1/3	1/3	1/3	1/3	1/3	1/3
Fan Diameter/ # Fan Blades	22/3	22/3	22/3	22/3	22/3	22/3
Face Area (ft²)	35.3	35.3	35.3	35.3	35.3	35.3
Rows Deep / Fins per Inch	2/28±1	2/28±1	2/28±1	2/28±1	2/28±1	2/28±1
COMPRESSOR						
Quantity / Type / Stages	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1
Compressor RLA / LRA	6.3/55.0	6.3/55.0	6.3/55.0	6.0/41.0	6.0/41.0	6.0/41.0
ELECTRICAL DATA						
Voltage-Phase-Frequency	460-3-60	460-3-60	460-3-60	575-3-60	575-3-60	575-3-60
Indoor Blower FLA	7.2	7.2	7.2	5	5	5
Max External Static (In. W.C.)	2	2	2	2	2	2
Outdoor Fan FLA	0.85	0.85	0.85	0.67	0.67	0.67
Min. Circuit Ampacity ¹	23.2	23.2	23.2	19.9	19.9	19.9
Max. Overcurrent Protection (A) ²	25	25	25	25	25	25
Power Supply Conduit Hole Dia. (in)	1.375	1.375	1.375	1.375	1.375	1.375
Low-Voltage Conduit Hole Dia. (in)	0.375	0.375	0.375	0.375	0.375	0.375
OPERATING WEIGHT (LBS.)						
Operating Weight (lbs)	1173	1183	1192	1173	1183	1192
SHIPPING WEIGHT (LBS.)						
Ship Weight (lbs)	1248	1258	1267	1248	1258	1267

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	DRG1203WL00001	DRG1203WM00001	DRG1203WH00001	DRG1204WL00001	DRG1204WM00001	DRG1204WH00001
COOLING CAPACITY						
Total, BTU/h	115,000	115,000	115,000	115,000	115,000	115,000
IEER / EER	17/12.2	17/12.2	17/12.2	17/12.2	17/12.2	17/12.2
AHRI Reference #	206913017	206913017	206913017	206913017	206913017	206913017
HEATING CAPACITY						
Heat Range	LOW	MEDIUM	HIGH	LOW	MEDIUM	HIGH
No. of Burners	5	6	7	5	6	7
High Stage Input / Output (KBTU/H)	130/105.3	180/145.8	240/194.4	130/105.3	180/145.8	240/194.4
Low Stage Input / Output (KBTU/H)	97.5/79	135/109.35	180/145.8	97.5/79	135/109.35	180/145.8
Thermal Efficiency (T.E.)	81%	81%	81%	81%	81%	81%
Annual Fuel Utilization Efficiency (AFUE)	N/A	N/A	N/A	N/A	N/A	N/A
High Stage Temperature Rise Range (°F)	25 - 55	25 - 55	30 - 60	25 - 55	25 - 55	30 - 60
Low Stage Temperature Rise Range (°F)	25 - 55	25 - 55	30 - 60	25 - 55	25 - 55	30 - 60
EVAPORATOR MOTOR COIL						
Motor Type	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE
External Static Pressure (ESP)	2.0 IN.W.G.	2.0 IN.W.G.	2.0 IN.W.G.	2.0 IN.W.G.	2.0 IN.W.G.	2.0 IN.W.G.
Wheel Dia. X Width	Ø15.12 X 15.00	Ø15.12 X 15.00	Ø15.12 X 15.00	Ø15.12 X 15.00	Ø15.12 X 15.00	Ø15.12 X 15.00
Indoor Nominal CFM	3550	3550	3550	3550	3550	3550
RPM	1300	1300	1300	1300	1300	1300
Indoor Horsepower	5	5	5	5	5	5
Filter Size (in)	20x25x2(2) + 25x25x2(2)	20x25x2(2) + 25x25x2(2)	20x25x2(2) + 25x25x2(2)	20x25x2(2) + 25x25x2(2)	20x25x2(2) + 25x25x2(2)	20x25x2(2) + 25x25x2(2)
Drain Size (NPT)	3/4	3/4	3/4	3/4	3/4	3/4
R-410A Refrigerant Charge (oz.)	184/180	184/180	184/180	184/180	184/180	184/180
Evaporator Coil Face Area (ft²)	16.6	16.6	16.6	16.6	16.6	16.6
Rows Deep/ Fins per Inch	4/16	4/16	4/16	4/16	4/16	4/16
CONDENSER FAN/COIL						
Quantity of Condenser Fan Motors	2	2	2	2	2	2
RPM (High/Low stage)	1122	1122	1122	1050	1050	1050
Outdoor Horsepower	1/3	1/3	1/3	1/3	1/3	1/3
Fan Diameter/ # Fan Blades	22/3	22/3	22/3	22/3	22/3	22/3
Face Area (ft²)	39.6	39.6	39.6	39.6	39.6	39.6
Rows Deep / Fins per Inch	2/28±1	2/28±1	2/28±1	2/28±1	2/28±1	2/28±1
COMPRESSOR						
Quantity / Type / Stages	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1
Compressor RLA / LRA	15.9/110	15.9/110	15.9/110	7.1/52.0	7.1/52.0	7.1/52.0
ELECTRICAL DATA						
Voltage-Phase-Frequency	208/230-3-60	208/230-3-60	208/230-3-60	460-3-60	460-3-60	460-3-60
Indoor Blower FLA	14.5	14.5	14.5	10.6	10.6	10.6
Max External Static (In. W.C.)	2	2	2	2	2	2
Outdoor Fan FLA	2	2	2	0.85	0.85	0.85
Min. Circuit Ampacity ¹	54.3/54.3	54.3/54.3	54.3/54.3	28.2	28.2	28.2
Max. Overcurrent Protection (A) ²	70/70	70/70	70/70	35	35	35
Power Supply Conduit Hole Dia. (in)	1.375	1.375	1.375	1.375	1.375	1.375
Low-Voltage Conduit Hole Dia. (in)	0.375	0.375	0.375	0.375	0.375	0.375
OPERATING WEIGHT (LBS.)						
Operating Weight (lbs)	1199	1208	1222	1199	1208	1222
SHIPPING WEIGHT (LBS.)						
Ship Weight (lbs)	1274	1283	1297	1274	1283	1297

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	DRG1207WL00001	DRG1207WM00001	DRG1207WH00001	DRG1503WL00001	DRG1503WM00001	DRG1503WH00001
COOLING CAPACITY						
Total, BTU/h	115,000	115,000	115,000	137,000	137,000	137,000
IEER / EER	17/12.2	17/12.2	17/12.2	15.5/11.5	15.5/11.5	15.5/11.5
AHRI Reference #	206913017	206913017	206913017	206913019	206913019	206913019
HEATING CAPACITY						
Heat Range	LOW	MEDIUM	HIGH	LOW	MEDIUM	HIGH
No. of Burners	5	6	7	5	6	7
High Stage Input / Output (KBTU/H)	130/105.3	180/145.8	240/194.4	130/105.3	180/145.8	240/194.4
Low Stage Input / Output (KBTU/H)	97.5/79	135/109.35	180/145.8	97.5/79	135/109.35	180/145.8
Thermal Efficiency (T.E.)	81%	81%	81%	81%	81%	81%
Annual Fuel Utilization Efficiency (AFUE)	N/A	N/A	N/A	N/A	N/A	N/A
High Stage Temperature Rise Range (°F)	25 - 55	25 - 55	30 - 60	25 - 55	25 - 55	35 - 65
Low Stage Temperature Rise Range (°F)	25 - 55	25 - 55	30 - 60	25 - 55	25 - 55	35 - 65
EVAPORATOR MOTOR COIL						
Motor Type	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE
External Static Pressure (ESP)	2.0 IN.W.G.	2.0 IN.W.G.	2.0 IN.W.G.	2.0 IN.W.G.	2.0 IN.W.G.	2.0 IN.W.G.
Wheel Dia. X Width	Ø15.12 X 15.00	Ø15.12 X 15.00	Ø15.12 X 15.00	Ø15.12 X 15.00	Ø15.12 X 15.00	Ø15.12 X 15.00
Indoor Nominal CFM	3550	3550	3550	3800	3800	3800
RPM	1300	1300	1300	1300	1300	1300
Indoor Horsepower	5	5	5	5	5	5
Filter Size (in)	20x25x2(2) + 25x25x2(2)	20x25x2(2) + 25x25x2(2)	20x25x2(2) + 25x25x2(2)	25x25x2(4)	25x25x2(4)	25x25x2(4)
Drain Size (NPT)	3/4	3/4	3/4	3/4	3/4	3/4
R-410A Refrigerant Charge (oz.)	184/180	184/180	184/180	190/188	190/188	190/188
Evaporator Coil Face Area (ft²)	16.6	16.6	16.6	19.1	19.1	19.1
Rows Deep/ Fins per Inch	4/16	4/16	4/16	4/16	4/16	4/16
CONDENSER FAN/COIL						
Quantity of Condenser Fan Motors	2	2	2	2	2	2
RPM (High/Low stage)	1050	1050	1050	1122	1122	1122
Outdoor Horsepower	1/3	1/3	1/3	1/3	1/3	1/3
Fan Diameter/ # Fan Blades	22/3	22/3	22/3	22/3	22/3	22/3
Face Area (ft²)	39.6	39.6	39.6	43.8	43.8	43.8
Rows Deep / Fins per Inch	2/28±1	2/28±1	2/28±1	2/28±1	2/28±1	2/28±1
COMPRESSOR						
Quantity / Type / Stages	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1
Compressor RLA / LRA	5.1/39.5	5.1/39.5	5.1/39.5	19/123.0	19/123.0	19/123.0
ELECTRICAL DATA						
Voltage-Phase-Frequency	575-3-60	575-3-60	575-3-60	208/230-3-60	208/230-3-60	208/230-3-60
Indoor Blower FLA	7.2	7.2	7.2	14.5	14.5	14.5
Max External Static (In. W.C.)	2	2	2	2	2	2
Outdoor Fan FLA	0.67	0.67	0.67	2	2	2
Min. Circuit Ampacity ¹	20.1	20.1	20.1	64.3/64.3	64.3/64.3	64.3/64.3
Max. Overcurrent Protection (A) ²	25	25	25	80/80	80/80	80/80
Power Supply Conduit Hole Dia. (in)	1.375	1.375	1.375	1.375	1.375	1.375
Low-Voltage Conduit Hole Dia. (in)	0.375	0.375	0.375	0.375	0.375	0.375
OPERATING WEIGHT (LBS.)						
Operating Weight (lbs)	1199	1208	1222	1277	1286	1300
SHIPPING WEIGHT (LBS.)						
Ship Weight (lbs)	1274	1283	1297	1352	1361	1375

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	DRG1504WL00001	DRG1504WM00001	DRG1504WH00001	DRG1507WL00001	DRG1507WM00001	DRG1507WH00001
COOLING CAPACITY						
Total, BTU/h	137,000	137,000	137,000	137,000	137,000	137,000
IEER / EER	15.5/11.5	15.5/11.5	15.5/11.5	15.5/11.5	15.5/11.5	15.5/11.5
AHRI Reference #	206913019	206913019	206913019	206913019	206913019	206913019
HEATING CAPACITY						
Heat Range	LOW	MEDIUM	HIGH	LOW	MEDIUM	HIGH
No. of Burners	5	6	7	5	6	7
High Stage Input / Output (KBTU/H)	130/105.3	180/145.8	240/194.4	130/105.3	180/145.8	240/194.4
Low Stage Input / Output (KBTU/H)	97.5/79	135/109.35	180/145.8	97.5/79	135/109.35	180/145.8
Thermal Efficiency (T.E.)	81%	81%	81%	81%	81%	81%
Annual Fuel Utilization Efficiency (AFUE)	N/A	N/A	N/A	N/A	N/A	N/A
High Stage Temperature Rise Range (°F)	25 - 55	25 - 55	35 - 65	25 - 55	25 - 55	35 - 65
Low Stage Temperature Rise Range (°F)	25 - 55	25 - 55	35 - 65	25 - 55	25 - 55	35 - 65
EVAPORATOR MOTOR COIL						
Motor Type	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE
External Static Pressure (ESP)	2.0 IN.W.G.	2.0 IN.W.G.	2.0 IN.W.G.	2.0 IN.W.G.	2.0 IN.W.G.	2.0 IN.W.G.
Wheel Dia. X Width	Ø15.12 X 15.00	Ø15.12 X 15.00	Ø15.12 X 15.00	Ø15.12 X 15.00	Ø15.12 X 15.00	Ø15.12 X 15.00
Indoor Nominal CFM	3800	3800	3800	3800	3800	3800
RPM	1300	1300	1300	1300	1300	1300
Indoor Horsepower	5	5	5	5	5	5
Filter Size (in)	25x25x2(4)	25x25x2(4)	25x25x2(4)	25x25x2(4)	25x25x2(4)	25x25x2(4)
Drain Size (NPT)	3/4	3/4	3/4	3/4	3/4	3/4
R-410A Refrigerant Charge (oz.)	190/188	190/188	190/188	190/188	190/188	190/188
Evaporator Coil Face Area (ft²)	19.1	19.1	19.1	19.1	19.1	19.1
Rows Deep/ Fins per Inch	4/16	4/16	4/16	4/16	4/16	4/16
CONDENSER FAN/COIL						
Quantity of Condenser Fan Motors	2	2	2	2	2	2
RPM (High/Low stage)	1050	1050	1050	1050	1050	1050
Outdoor Horsepower	1/3	1/3	1/3	1/3	1/3	1/3
Fan Diameter/ # Fan Blades	22/3	22/3	22/3	22/3	22/3	22/3
Face Area (ft²)	43.8	43.8	43.8	43.8	43.8	43.8
Rows Deep / Fins per Inch	2/28±1	2/28±1	2/28±1	2/28±1	2/28±1	2/28±1
COMPRESSOR						
Quantity / Type / Stages	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1
Compressor RLA / LRA	9.7/62.0	9.7/62.0	9.7/62.0	7.4/50.0	7.4/50.0	7.4/50.0
ELECTRICAL DATA						
Voltage-Phase-Frequency	460-3-60	460-3-60	460-3-60	575-3-60	575-3-60	575-3-60
Indoor Blower FLA	10.6	10.6	10.6	7.2	7.2	7.2
Max External Static (In. W.C.)	2	2	2	2	2	2
Outdoor Fan FLA	0.85	0.85	0.85	0.67	0.67	0.67
Min. Circuit Ampacity ¹	35.7	35.7	35.7	30.9	30.9	30.9
Max. Overcurrent Protection (A) ²	45	45	45	35	35	35
Power Supply Conduit Hole Dia. (in)	1.375	1.375	1.375	1.375	1.375	1.375
Low-Voltage Conduit Hole Dia. (in)	0.375	0.375	0.375	0.375	0.375	0.375
OPERATING WEIGHT (LBS.)						
Operating Weight (lbs)	1277	1286	1300	1277	1286	1300
SHIPPING WEIGHT (LBS.)						
Ship Weight (lbs)	1352	1361	1375	1352	1361	1375

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.
DRG	7.5	34.6	53.1
	8.5	45.0	53.1
	10	45.0	53.1
	12.5	52.0	53.1

AHRI Ratings

MODEL	CAPACITY	EER	IEER
DRG090	90,000	12.2	16
DRG102	102,000	12.2	17
DRG120	115,000	12.2	17
DRG150	137,000	11.5	15.5

Sound Data

Model	OUTDOOR SOUND (dB) AT 60 Hz								
	A-Weighted	63	125	250	500	1000	2000	4000	8000
090	82.9	91.5	84.1	82	79.7	77.6	75.2	71.7	69
102	80.2	89.1	81.1	78.7	77.1	76.1	70.8	66.5	64.1
120	81.8	91.9	82.8	81.9	79.1	76.9	72.9	68.3	66
150	80.5	90.9	84.2	78.5	77.6	75.9	71.3	67.7	64.7

Notes:

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

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

³ A-weighted sound ratings filter out high and very low frequencies, to better approximate the response of "average" human ear. A-weighted measurements for Daikin units are taken in accordance with AHRI standard 270.

kw = Total system power
Amps: Unit amps (comp.+ evaporator + condenser fan motors)
suction access fitting connection.

Shaded area reflects ACCA (TVA) conditions

DB: Entering Indoor Dry Bulb Temperature

Design Subcooling, 16 - 19 °F @ the liquid access fitting co

kW = Total system power

85	2625	MBh	121.2	122.8	126.3	131.7	120.1	121.8	125.3	130.6	117.1	118.7	122.2	127.6	111.8	113.5	117.0	122.3	105.4	107.1	110.5	115.9	99.5	101.2	104.7	110.0	
		S/T	1.00	0.89	0.76	0.6	1.00	1.00	1.00	0.77	0.6	1.00	1.00	0.79	0.7	1.00	1.00	0.81	0.7	1.00	1.00	0.83	0.7	1.00	1.00	1.00	0.7
		ΔT	29.99	28.18	24.80	21.3	29.94	28.13	24.75	21.3	30.19	28.38	25.01	21.5	29.92	28.11	24.73	21.2	29.68	27.87	24.49	21.0	30.81	29.00	25.63	22.1	
		kW	6.82	6.81	6.80	6.9	7.63	7.63	7.61	7.7	8.55	8.54	8.53	8.6	9.54	9.53	9.52	9.6	10.64	10.63	10.62	10.7	11.94	11.93	11.92	12.0	
		Amps	26.75	26.72	26.66	26.9	30.49	30.46	30.40	30.7	34.67	34.64	34.58	34.9	39.20	39.17	39.10	39.4	44.25	44.22	44.15	44.4	50.18	50.15	50.08	50.4	
		Hi PR	265	266	268	272	306	307	309	313.3	349	350	352	356.4	395	396	398	402.8	445	446	448	452.8	499	500	502	506.2	
		Lo PR	128	129	132	137.5	135	137	140	145.0	142	143	146	151.6	147	149	152	157.2	153	154	157	162.6	160	161	164	169.4	
	3000	MBh	123.1	124.7	128.2	133.5	122.0	123.7	127.2	132.5	119.0	120.6	124.1	129.4	113.7	115.4	118.8	124.2	107.3	108.9	112.4	117.8	101.4	103.1	106.6	111.9	
		S/T	1.00	0.93	0.80	0.7	1.00	1.00	1.00	0.80	0.7	1.00	1.00	0.83	0.7	1.00	1.00	0.85	0.7	1.00	1.00	1.00	0.7	1.00	1.00	1.00	0.8
		ΔT	29.05	27.25	23.87	20.4	29.01	27.20	23.82	20.3	29.26	27.45	24.08	20.6	28.99	27.18	23.80	20.3	28.75	26.94	23.56	20.1	29.88	28.07	24.69	21.2	
kW		6.85	6.85	6.83	6.9	7.67	7.66	7.65	7.7	8.58	8.58	8.56	8.6	9.57	9.57	9.55	9.6	10.68	10.67	10.66	10.7	11.97	11.97	11.95	12.0		
Amps		26.91	26.88	26.82	27.1	30.66	30.63	30.56	30.9	34.84	34.81	34.74	35.0	39.36	39.33	39.27	39.6	44.41	44.38	44.32	44.6	50.34	50.31	50.25	50.5		
Hi PR		267	268	270	274.4	308	309	311	315.5	351	352	354	358.6	397	399	400	405.0	447	449	450	455.0	501	502	504	508.3		
Lo PR		130	131	134	139.6	137	139	142	147.1	144	145	148	153.6	149	151	154	159.2	155	156	159	164.6	162	163	166	171.5		
3375	MBh	125.6	127.2	130.7	136.1	124.5	126.2	129.7	135.0	121.5	123.1	126.6	132.0	116.2	117.9	121.4	126.7	109.8	111.5	115.0	120.3	103.9	105.6	109.1	114.4		
	S/T	1.00	0.94	0.81	0.7	1.00	1.00	1.00	0.81	0.7	1.00	1.00	0.84	0.7	1.00	1.00	0.86	0.7	1.00	1.00	1.00	0.7	1.00	1.00	1.00	0.8	
	ΔT	28.14	26.33	22.96	19.5	28.09	26.28	22.91	19.4	28.35	26.54	23.16	19.7	28.07	26.27	22.89	19.4	27.83	26.02	22.65	19.2	28.96	27.16	23.78	20.3		
	kW	6.89	6.88	6.87	6.9	7.71	7.70	7.69	7.7	8.62	8.61	8.60	8.7	9.61	9.60	9.59	9.6	10.71	10.70	10.69	10.8	12.01	12.00	11.99	12.0		
	Amps	27.07	27.05	26.98	27.3	30.82	30.79	30.73	31.0	35.00	34.97	34.90	35.2	39.52	39.49	39.43	39.7	44.57	44.54	44.48	44.8	50.50	50.47	50.41	50.7		
	Hi PR	269	271	272	276.9	310	312	313	318.0	354	355	357	361.1	400	401	403	407.5	450	451	453	457.5	503	504	506	510.8		
	Lo PR	132	134	137	142.2	140	141	144	149.7	146	148	151	156.2	152	153	157	161.8	157	159	162	167.2	164	166	169	174.1		

kW = Total system power
 Amps: Unit amps (comp.+ evaporator + condenser fan motors)
 suction access fitting connection.

Shaded area reflects ACCA (TVA) conditions

IDB: Entering Indoor Dry Bulb Temperature
High and low pressures are measured at the liquid and suction access fittings.

[illegible]

85	2625	MBh	144.4	146.3	150.5	156.9	143.1	145.1	149.2	155.6	139.5	141.4	145.6	152.0	133.2	135.2	139.3	145.7	125.6	127.5	131.7	138.1	118.6	120.5	124.7	131.1
		S/T	1.00	0.88	0.76	0.6	1.00	0.89	0.76	0.6	1.00	1.00	0.79	0.7	1.00	1.00	0.80	0.7	1.00	1.00	0.82	0.7	1.00	1.00	0.87	0.7
		ΔT	32.89	30.90	27.20	23.4	32.83	30.85	27.15	23.3	33.11	31.13	27.43	23.6	32.81	30.83	27.13	23.3	32.55	30.56	26.86	23.0	33.79	31.81	28.10	24.3
		kW	8.58	8.57	8.55	8.6	9.62	9.61	9.60	9.7	10.79	10.78	10.76	10.8	12.05	12.05	12.03	12.1	13.47	13.46	13.44	13.5	15.12	15.11	15.10	15.2
		Amps	32.70	32.66	32.58	32.9	37.49	37.45	37.37	37.7	42.83	42.79	42.71	43.1	48.61	48.57	48.49	48.9	55.07	55.03	54.95	55.3	62.65	62.61	62.53	62.9
		Hi PR	263	264	266	270.6	304	305	307	311.5	347	348	350	354.3	393	394	396	400.4	443	444	446	450.1	496	497	499	503.2
	Lo PR	123	124	127	132.1	130	131	134	139.3	136	138	141	145.6	141	143	146	151.0	147	148	151	156.2	153	155	158	162.8	
	3000	MBh	150.8	152.8	156.9	163.3	149.5	151.5	155.7	162.0	145.9	147.9	152.0	158.4	139.6	141.6	145.8	152.1	132.0	134.0	138.1	144.5	125.0	127.0	131.1	137.5
		S/T	1.00	0.92	0.80	0.7	1.00	1.00	0.80	0.7	1.00	1.00	0.83	0.7	1.00	1.00	0.84	0.7	1.00	1.00	0.86	0.7	1.00	1.00	1.00	0.8
		ΔT	30.54	28.56	24.86	21.0	30.49	28.50	24.80	21.0	30.77	28.78	25.08	21.2	30.47	28.48	24.78	20.9	30.20	28.22	24.52	20.7	31.44	29.46	25.76	21.9
kW		8.68	8.67	8.66	8.7	9.73	9.72	9.70	9.8	10.90	10.89	10.87	10.9	12.16	12.15	12.13	12.2	13.57	13.56	13.54	13.6	15.23	15.22	15.20	15.3	
Amps		33.18	33.14	33.06	33.4	37.97	37.93	37.85	38.2	43.31	43.27	43.19	43.6	49.09	49.06	48.97	49.3	55.55	55.52	55.43	55.8	63.13	63.10	63.01	63.4	
Hi PR		269	270	272	276.1	310	311	312	317.0	352	353	355	359.8	398	400	401	405.9	448	449	451	455.6	501	502	504	508.7	
Lo PR	128	129	132	137.5	135	137	140	144.7	142	143	146	151.0	147	148	151	156.4	152	154	157	161.6	159	160	163	168.2		
3375	MBh	155.5	157.4	161.6	167.9	154.2	156.2	160.3	166.7	150.6	152.5	156.7	163.1	144.3	146.3	150.4	156.8	136.6	138.6	142.8	149.1	129.7	131.6	135.8	142.2	
	S/T	1.00	0.89	0.77	0.6	1.00	1.00	0.77	0.6	1.00	1.00	0.80	0.7	1.00	1.00	0.81	0.7	1.00	1.00	1.00	0.7	1.00	1.00	1.00	0.8	
	ΔT	29.48	27.50	23.79	20.0	29.43	27.44	23.74	19.9	29.70	27.72	24.02	20.2	29.41	27.42	23.72	19.9	29.14	27.16	23.45	19.6	30.38	28.40	24.70	20.9	
	kW	8.73	8.72	8.70	8.8	9.78	9.77	9.75	9.8	10.94	10.93	10.92	11.0	12.21	12.20	12.18	12.3	13.62	13.61	13.59	13.7	15.27	15.27	15.25	15.3	
	Amps	33.40	33.36	33.28	33.6	38.18	38.15	38.06	38.4	43.53	43.49	43.41	43.8	49.31	49.27	49.19	49.6	55.77	55.73	55.65	56.0	63.35	63.31	63.23	63.6	
	Hi PR	272	273	275	279.4	313	314	316	320.3	356	357	359	363.1	402	403	405	409.2	451	453	454	458.9	504	506	507	512.0	
Lo PR	132	133	136	141.2	139	140	143	148.4	145	147	150	154.7	151	152	155	160.1	156	157	160	165.3	162	164	167	171.9		

IDB: Entering Indoor Dry Bulb Temperature

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

Shaded area reflects ACCA (TVA) conditions

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

kw = Total system power

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.

Heating Rating Table - Natural Gas and Propane¹

UNIT	RATED HIGH INPUT (MBH)	GAS HEAT	INPUT/OUTPUT (MBH)	TEMP RISE HIGH (°F)	TEMP RISE LOW (°F)	THERMAL EFFICIENCY (T.E.)	RECOMMENDED MINIMUM AIRFLOW (SCFM)	RECOMMENDED MAXIMUM AIRFLOW (SCFM)
DRG090	130	High	130/105.3	25 - 55		81%	1765	3882
		Low	97.5/79		25-55		1323	2912
	180	High	180/145.8	25 - 55		81%	2443	5375
		Low	135/109.35		25-55		1832	4031
	225	High	225/182.25	40 - 70		81%	2400	4199
		Low	168.75/136.69		40 - 70		1800	3149
DRG102	130	High	130/105.3	25 - 55		81%	1765	3882
		Low	97.5/79		25-55		1323	2912
	180	High	180/145.8	25 - 55		81%	2443	5375
		Low	135/109.35		25-55		1832	4031
	225	High	225/182.25	40 - 70		81%	2400	4199
		Low	168.75/136.69		40 - 70		1800	3149
DRG120	130	High	130/105.3	25 - 55		81%	1765	3882
		Low	97.5/79		25-55		1323	2912
	180	High	180/145.8	25 - 55		81%	2443	5375
		Low	135/109.35		25-55		1832	4031
	240	High	240/194.4	30 - 60		81%	2986	5972
		Low	180/145.8		30 - 60		2240	4479
DRG150	130	High	130/105.3	25 - 55		81%	1765	3882
		Low	97.5/79		25-55		1323	2912
	180	High	180/145.8	25 - 55		81%	2443	5375
		Low	135/109.35		25-55		1832	4031
	240	High	240/194.4	35 - 65		81%	2756	5119
		Low	180/145.8		35 - 65		2067	3839

¹LP High Fire Rate is Reduced 10% that of Natural Gas

Heat Exchanger and Burner Orifice Specifications

UNIT	MAXIMUM INPUT (BTUH)	NUMBER OF BURNERS	NG ORIFICE	LP ORIFICE
DRG090	130,000	5	41	54
	180,000	6	37	53
	225,000	7	36	52
DRG102	130,000	5	41	54
	180,000	6	37	53
	225,000	7	36	52
DRG120	130,000	5	41	54
	180,000	6	37	53
	240,000	7	34	51
DRG150	130,000	5	41	54
	180,000	6	37	53
	240,000	7	34	51

7.5 Ton • 130 MBH Gas Heat Exchanger • Standard Static Direct Drive

Models: DRG0903DL, DRG0904DL, DRG0907DL

DOWN FLOW				
SPEED TAP	ESP	CFM	RPM	BHP
T1	0.2	1882	544	0.38
	0.4	-	-	-
	0.6	-	-	-
	0.8	-	-	-
T2	0.2	2589	629	0.67
	0.4	2410	681	0.73
	0.6	2216	734	0.79
	0.8	2038	782	0.84
T3	0.2	3144	708	1.01
	0.4	2961	753	1.08
	0.6	2802	799	1.14
	0.8	2651	841	1.20
T4	0.2	3413	753	1.23
	0.4	3222	794	1.29
	0.6	3070	836	1.36
	0.8	2940	875	1.43
T5	0.2	3622	793	1.43
	0.4	3422	830	1.50
	0.6	3268	868	1.57
	0.8	3160	904	1.64
T6	0.2	1901	546	0.38
	0.4	1713	605	0.42
	0.6	1453	667	0.47
	0.8	-	-	-
T7	0.2	2107	569	0.46
	0.4	1922	627	0.50
	0.6	1684	686	0.55
	0.8	1495	738	0.59
T8	0.2	2301	592	0.54
	0.4	2119	648	0.59
	0.6	1900	704	0.64
	0.8	-	-	-
T9	0.2	2920	674	0.86
	0.4	2740	722	0.92
	0.6	2569	771	0.98
	0.8	2405	816	1.04
T10	0.2	3427	756	1.24
	0.4	3236	797	1.31
	0.6	3084	838	1.38
	0.8	2955	877	1.44

HORIZONTAL FLOW				
SPEED TAP	ESP	CFM	RPM	BHP
T1	0.2	2029	488	0.34
	0.4	-	-	-
	0.6	-	-	-
	0.8	-	-	-
T2	0.2	2748	571	0.61
	0.4	2554	627	0.67
	0.6	2337	697	0.75
	0.8	2148	750	0.80
T3	0.2	3289	649	0.93
	0.4	3133	690	0.99
	0.6	2972	745	1.06
	0.8	2802	792	1.13
T4	0.2	3539	693	1.13
	0.4	3419	726	1.18
	0.6	3282	773	1.26
	0.8	3132	816	1.33
T5	0.2	3724	732	1.32
	0.4	3647	757	1.37
	0.6	3525	797	1.44
	0.8	3401	836	1.51
T6	0.2	2048	490	0.34
	0.4	1853	561	0.39
	0.6	1559	646	0.45
	0.8	1374	707	0.49
T7	0.2	2260	513	0.41
	0.4	2061	580	0.47
	0.6	1791	660	0.53
	0.8	1602	719	0.58
T8	0.2	2458	535	0.49
	0.4	2259	598	0.54
	0.6	2011	674	0.61
	0.8	1820	731	0.66
T9	0.2	3074	616	0.79
	0.4	2897	663	0.85
	0.6	2715	724	0.92
	0.8	2534	774	0.99
T10	0.2	3552	696	1.14
	0.4	3435	728	1.20
	0.6	3299	774	1.27
	0.8	3151	817	1.34

7.5 Ton • 130 MBH Gas Heat Exchanger • High Static Direct Drive

Models: DRG0903WL, DRG0904WL, DRG0907WL

DOWN FLOW					HORIZONTAL FLOW				
SPEED TAP	ESP	CFM	RPM	BHP	SPEED TAP	ESP	CFM	RPM	BHP
T1	0.2	1882	544	0.38	T1	0.2	2029	488	0.34
	0.4	-	-	-		0.4	-	-	-
	0.6	-	-	-		0.6	-	-	-
	0.8	-	-	-		0.8	-	-	-
	1.0	-	-	-		1.0	-	-	-
	1.2	-	-	-		1.2	-	-	-
	1.4	-	-	-		1.4	-	-	-
	1.6	-	-	-		1.6	-	-	-
	1.8	-	-	-		1.8	-	-	-
	2.0	-	-	-		2.0	-	-	-
T2	0.2	3527	774	1.34	T2	0.2	3642	714	1.23
	0.4	3332	814	1.40		0.4	3544	743	1.28
	0.6	3180	853	1.47		0.6	3415	786	1.36
	0.8	3061	891	1.54		0.8	3278	827	1.43
	1.0	2889	927	1.60		1.0	3147	870	1.50
	1.2	2735	969	1.67		1.2	2998	915	1.58
	1.4	2563	1008	1.74		1.4	2852	971	1.68
	1.6	2392	1050	1.81		1.6	2666	1010	1.74
	1.8	2237	1086	1.87		1.8	2482	1060	1.83
	2.0	2077	1119	1.93		2.0	2323	1096	1.89
T3	0.2	3144	708	1.01	T3	0.2	3289	649	0.93
	0.4	2961	753	1.08		0.4	3133	690	0.99
	0.6	2802	799	1.14		0.6	2972	745	1.06
	0.8	2651	841	1.20		0.8	2802	792	1.13
	1.0	2493	880	1.26		1.0	2632	836	1.19
	1.2	2307	930	1.33		1.2	2436	889	1.27
	1.4	-	-	-		1.4	-	-	-
	1.6	-	-	-		1.6	-	-	-
	1.8	-	-	-		1.8	-	-	-
	2.0	-	-	-		2.0	-	-	-
T4	0.2	-	-	-	T4	0.2	-	-	-
	0.4	-	-	-		0.4	-	-	-
	0.6	-	-	-		0.6	-	-	-
	0.8	-	-	-		0.8	-	-	-
	1.0	3620	1023	2.37		1.0	-	-	-
	1.2	3514	1048	2.43		1.2	-	-	-
	1.4	3412	1078	2.50		1.4	3718	1010	2.34
	1.6	3263	1117	2.59		1.6	3610	1040	2.41
	1.8	3081	1148	2.66		1.8	3473	1094	2.54
	2.0	2915	1184	2.75		2.0	3351	1130	2.62
T5	0.2	-	-	-	T5	0.2	-	-	-
	0.4	-	-	-		0.4	-	-	-
	0.6	-	-	-		0.6	-	-	-
	0.8	-	-	-		0.8	-	-	-
	1.0	-	-	-		1.0	-	-	-
	1.2	3728	1071	2.68		1.2	-	-	-
	1.4	3656	1100	2.75		1.4	-	-	-
	1.6	3519	1137	2.84		1.6	3825	1049	2.62
	1.8	3325	1166	2.91		1.8	3707	1104	2.76
	2.0	3161	1203	3.01		2.0	3599	1140	2.85
T6	0.2	2457	612	0.61	T6	0.2	2616	554	0.55
	0.4	2277	665	0.66		0.4	2418	613	0.61
	0.6	2072	720	0.72		0.6	2188	686	0.68
	0.8	1891	769	0.77		0.8	1997	741	0.74
	1.0	1881	810	0.81		1.0	1729	785	0.78
	1.2	1636	872	0.87		1.2	1439	852	0.85
	1.4	1447	921	0.92		1.4	-	-	-
	1.6	-	-	-		1.6	-	-	-
	1.8	-	-	-		1.8	-	-	-
	2.0	-	-	-		2.0	-	-	-

7.5 Ton • 130 MBH Gas Heat Exchanger • High Static Direct Drive

Models: DRG0903WL, DRG0904WL, DRG0907WL

DOWN FLOW					HORIZONTAL FLOW				
SPEED TAP	ESP	CFM	RPM	BHP	SPEED TAP	ESP	CFM	RPM	BHP
T7	0.2	-	-	-	T7	0.2	-	-	-
	0.4	2838	735	0.99		0.4	-	-	-
	0.6	2672	783	1.05		0.6	2828	733	0.98
	0.8	2514	827	1.11		0.8	2651	782	1.05
	1.0	2374	866	1.16		1.0	2466	825	1.11
	1.2	2177	918	1.23		1.2	2253	882	1.18
	1.4	1986	962	1.29		1.4	2038	946	1.27
	1.6	1815	1006	1.35		1.6	1869	991	1.33
	1.8	1667	1046	1.40		1.8	1668	1038	1.39
T8	2.0	1522	1077	1.44		2.0	1495	1074	1.44
	0.2	3482	766	1.29	T8	0.2	3601	706	1.19
	0.4	3289	806	1.36		0.4	3495	736	1.24
	0.6	3137	846	1.43		0.6	3363	780	1.32
	0.8	3014	884	1.49		0.8	3221	822	1.39
	1.0	2840	921	1.55		1.0	3086	866	1.46
	1.2	2682	964	1.63		1.2	2932	912	1.54
	1.4	2507	1003	1.69		1.4	2780	969	1.63
	1.6	2335	1045	1.76		1.6	2594	1008	1.70
	1.8	2182	1082	1.83		1.8	2408	1058	1.78
T9	2.0	2022	1115	1.88		2.0	2247	1094	1.85
	0.2	-	-	-	T9	0.2	-	-	-
	0.4	3783	918	2.06		0.4	-	-	-
	0.6	3598	946	2.12		0.6	-	-	-
	0.8	3556	976	2.19		0.8	-	-	-
	1.0	3525	1010	2.26		1.0	3833	930	2.08
	1.2	3415	1037	2.32		1.2	3735	960	2.15
	1.4	3300	1069	2.39		1.4	3629	1005	2.25
	1.6	3146	1108	2.48		1.6	3503	1036	2.32
	1.8	2969	1139	2.55		1.8	3358	1089	2.44
T10	2.0	2802	1175	2.63		2.0	3229	1125	2.52
	0.2	-	-	-	T10	0.2	-	-	-
	0.4	-	-	-		0.4	-	-	-
	0.6	-	-	-		0.6	-	-	-
	0.8	-	-	-		0.8	-	-	-
	1.0	-	-	-		1.0	3659	998	2.50
	1.2	3653	1072	2.68		1.2	3638	1008	2.52
	1.4	3550	1101	2.75		1.4	3585	1022	2.56
	1.6	3452	1131	2.83		1.6	3500	1052	2.63
	1.8	3353	1163	2.91		1.8	3382	1091	2.73
	2.0	3247	1196	2.99		2.0	3286	1124	2.81

7.5 Ton • 180 MBH Gas Heat Exchanger • Standard Static Direct Drive

Models: DRG0903DM, DRG0904DM, DRG0907DM

DOWN FLOW				
SPEED TAP	ESP	CFM	RPM	BHP
T1	0.2	1954	552	0.40
	0.4	-	-	-
	0.6	-	-	-
	0.8	-	-	-
T2	0.2	2589	629	0.67
	0.4	2410	681	0.73
	0.6	2216	734	0.79
	0.8	2038	782	0.84
T3	0.2	3017	730	1.06
	0.4	2897	773	1.13
	0.6	2760	818	1.19
	0.8	2633	859	1.25
T4	0.2	3251	774	1.26
	0.4	3095	813	1.33
	0.6	2954	853	1.39
	0.8	2827	893	1.46
T5	0.2	3417	815	1.47
	0.4	3274	846	1.53
	0.6	3126	887	1.60
	0.8	2988	923	1.66
T6	0.2	1416	213	0.21
	0.4	-	-	-
	0.6	-	-	-
	0.8	-	-	-
T7	0.2	1975	554	0.41
	0.4	-	-	-
	0.6	-	-	-
	0.8	-	-	-
T8	0.2	2156	579	0.54
	0.4	1956	637	0.59
	0.6	-	-	-
	0.8	-	-	-
T9	0.2	2936	677	0.87
	0.4	2756	724	0.93
	0.6	2586	773	0.99
	0.8	-	-	-
T10	0.2	3427	756	1.24
	0.4	3236	797	1.31
	0.6	3084	838	1.38
	0.8	2955	877	1.44

HORIZONTAL FLOW				
SPEED TAP	ESP	CFM	RPM	BHP
T1	0.2	2030	500	0.36
	0.4	-	-	-
	0.6	-	-	-
	0.8	-	-	-
T2	0.2	2675	594	0.64
	0.4	2487	642	0.69
	0.6	2336	698	0.75
	0.8	2089	777	0.83
T3	0.2	3161	679	0.99
	0.4	3068	713	1.04
	0.6	2899	768	1.12
	0.8	2776	809	1.18
T4	0.2	3413	704	1.15
	0.4	3244	742	1.21
	0.6	3108	785	1.28
	0.8	2963	823	1.34
T5	0.2	3563	693	1.25
	0.4	3526	771	1.39
	0.6	3402	814	1.47
	0.8	3317	858	1.55
T6	0.2	1604	448	0.25
	0.4	-	-	-
	0.6	-	-	-
	0.8	-	-	-
T7	0.2	2056	505	0.37
	0.4	1832	582	0.43
	0.6	-	-	-
	0.8	-	-	-
T8	0.2	2434	558	0.52
	0.4	2251	616	0.57
	0.6	-	-	-
	0.8	-	-	-
T9	0.2	2975	642	0.83
	0.4	2799	680	0.88
	0.6	2585	734	0.94
	0.8	-	-	-
T10	0.2	3413	704	1.15
	0.4	3244	742	1.21
	0.6	3108	785	1.28
	0.8	2963	823	1.34

7.5 Ton • 180 MBH Gas Heat Exchanger • High Static Direct Drive

Models: DRG0903WM, DRG0904WM, DRG0907WM

DOWN FLOW					HORIZONTAL FLOW				
SPEED TAP	ESP	CFM	RPM	BHP	SPEED TAP	ESP	CFM	RPM	BHP
T1	0.2	1954	552	0.40	T1	0.2	2030	500	0.36
	0.4	-	-	-		0.4	-	-	-
	0.6	-	-	-		0.6	-	-	-
	0.8	-	-	-		0.8	-	-	-
	1.0	-	-	-		1.0	-	-	-
	1.2	-	-	-		1.2	-	-	-
	1.4	-	-	-		1.4	-	-	-
	1.6	-	-	-		1.6	-	-	-
	1.8	-	-	-		1.8	-	-	-
	2.0	-	-	-		2.0	-	-	-
T2	0.2	3316	796	1.37	T2	0.2	3316	796	1.23
	0.4	3230	831	1.43		0.4	3544	743	1.28
	0.6	3153	868	1.50		0.6	3415	786	1.36
	0.8	3042	907	1.57		0.8	3278	827	1.43
	1.0	2939	943	1.63		1.0	3147	870	1.50
	1.2	2800	976	1.68		1.2	2998	915	1.58
	1.4	2676	1017	1.76		1.4	2852	971	1.68
	1.6	2500	1044	1.80		1.6	2666	1010	1.74
	1.8	2336	1113	1.92		1.8	2482	1060	1.83
	2.0	2209	1162	2.01		2.0	2323	1096	1.89
T3	0.2	3017	730	1.06	T3	0.2	3161	679	0.99
	0.4	2897	773	1.13		0.4	3068	713	1.04
	0.6	2760	818	1.19		0.6	2899	768	1.12
	0.8	2633	859	1.25		0.8	2776	809	1.18
	1.0	2499	900	1.31		1.0	2647	851	1.24
	1.2	2280	957	1.40		1.2	2405	922	1.35
	1.4	-	-	-		1.4	-	-	-
	1.6	-	-	-		1.6	-	-	-
	1.8	-	-	-		1.8	-	-	-
	2.0	-	-	-		2.0	-	-	-
T4	0.2	-	-	-	T4	0.2	-	-	-
	0.4	-	-	-		0.4	-	-	-
	0.6	3767	961	2.23		0.6	-	-	-
	0.8	3660	1000	2.32		0.8	-	-	-
	1.0	3496	1042	2.42		1.0	3786	959	2.23
	1.2	3398	1073	2.49		1.2	3674	995	2.31
	1.4	3293	1099	2.55		1.4	3566	1035	2.40
	1.6	3065	1137	2.64		1.6	3459	1067	2.48
	1.8	2958	1163	2.70		1.8	3361	1097	2.55
	2.0	2810	1208	2.80		2.0	3261	1134	2.63
T5	0.2	-	-	-	T5	0.2	-	-	-
	0.4	-	-	-		0.4	-	-	-
	0.6	-	-	-		0.6	-	-	-
	0.8	-	-	-		0.8	-	-	-
	1.0	3728	1062	2.66		1.0	-	-	-
	1.2	3662	1090	2.73		1.2	-	-	-
	1.4	3602	1116	2.79		1.4	3795	1047	2.62
	1.6	3523	1145	2.86		1.6	3706	1077	2.69
	1.8	3416	1188	2.97		1.8	3641	1114	2.79
	2.0	3317	1217	3.04		2.0	3565	1145	2.86
T6	0.2	2792	701	0.91	T6	0.2	2957	628	0.82
	0.4	2699	745	0.97		0.4	2854	681	0.89
	0.6	2597	786	1.02		0.6	2743	730	0.95
	0.8	2478	831	1.08		0.8	2634	776	1.01
	1.0	2319	878	1.14		1.0	2523	823	1.07
	1.2	2112	912	1.18		1.2	2193	915	1.19
	1.4	1921	957	1.24		1.4	1969	950	1.23
	1.6	-	-	-		1.6	-	-	-
	1.8	-	-	-		1.8	-	-	-
	2.0	-	-	-		2.0	-	-	-

7.5 Ton • 180 MBH Gas Heat Exchanger • High Static Direct Drive

Models: DRG0903WM, DRG0904WM, DRG0907WM

DOWN FLOW					HORIZONTAL FLOW				
SPEED TAP	ESP	CFM	RPM	BHP	SPEED TAP	ESP	CFM	RPM	BHP
T7	0.2	3464	822	1.53	T7	0.2	3652	734	1.37
	0.4	3380	855	1.59		0.4	3562	778	1.45
	0.6	3309	891	1.66		0.6	3467	822	1.53
	0.8	3200	929	1.73		0.8	3386	859	1.60
	1.0	3108	964	1.80		1.0	3284	899	1.67
	1.2	2984	996	1.85		1.2	3212	927	1.73
	1.4	2881	1035	1.93		1.4	3090	977	1.82
	1.6	2717	1062	1.98		1.6	2966	1013	1.89
	1.8	2550	1130	2.10		1.8	2649	1112	2.07
T8	2.0	2357	1171	2.18		2.0	2521	1147	2.14
	0.2	3983	912	2.21	T8	0.2	4167	817	1.98
	0.4	3912	940	2.28		0.4	4077	857	2.08
	0.6	3855	974	2.36		0.6	4019	895	2.17
	0.8	3748	1014	2.46		0.8	3939	931	2.26
	1.0	3671	1051	2.55		1.0	3885	973	2.36
	1.2	3598	1079	2.62		1.2	3827	1008	2.44
	1.4	3538	1107	2.68		1.4	3723	1040	2.52
	1.6	3446	1136	2.75		1.6	3622	1070	2.59
	1.8	3326	1183	2.87		1.8	3569	1108	2.69
T9	2.0	3210	1213	2.94		2.0	3472	1139	2.76
	0.2	4119	935	2.44	T9	0.2	4296	839	2.19
	0.4	4054	962	2.51		0.4	4205	878	2.29
	0.6	3998	997	2.60		0.6	4163	915	2.39
	0.8	3890	1039	2.71		0.8	4077	952	2.49
	1.0	3806	1079	2.82		1.0	4047	996	2.60
	1.2	3747	1106	2.89		1.2	3954	1041	2.72
	1.4	3686	1130	2.95		1.4	3894	1058	2.76
	1.6	3625	1160	3.03		1.6	3827	1088	2.84
	1.8	3541	1195	3.12		1.8	3735	1123	2.93
T10	2.0	3456	1222	3.19		2.0	3680	1154	3.01
	0.2	-	-	-	T10	0.2	-	-	-
	0.4	-	-	-		0.4	-	-	-
	0.6	-	-	-		0.6	-	-	-
	0.8	-	-	-		0.8	-	-	-
	1.0	4156	1104	3.08		1.0	-	-	-
	1.2	4032	1128	3.14		1.2	-	-	-
	1.4	3908	1151	3.21		1.4	4040	1074	2.99
	1.6	3784	1175	3.27		1.6	4023	1106	3.08
	1.8	3660	1198	3.34		1.8	3859	1138	3.17
	2.0	3536	1222	3.40		2.0	3812	1167	3.25

7.5 Ton • 225 MBH Gas Heat Exchanger • Standard Static Direct Drive

Models: DRG0903DH, DRG0904DH, DRG0907DH

DOWN FLOW				
SPEED TAP	ESP	CFM	RPM	BHP
T1	0.2	1954	552	0.40
	0.4	-	-	-
	0.6	-	-	-
	0.8	-	-	-
T2	0.2	2589	629	0.67
	0.4	2410	681	0.73
	0.6	2216	734	0.79
	0.8	2038	782	0.84
T3	0.2	3194	716	1.05
	0.4	3010	760	1.11
	0.6	2852	805	1.18
	0.8	2705	847	1.24
T4	0.2	3413	753	1.23
	0.4	3222	794	1.29
	0.6	3070	836	1.36
	0.8	2940	875	1.43
T5	0.2	3622	793	1.43
	0.4	3422	830	1.50
	0.6	3268	868	1.57
	0.8	3160	904	1.64
T6	0.2	2098	568	0.45
	0.4	1913	626	0.50
	0.6	-	-	-
	0.8	-	-	-
T7	0.2	2625	633	0.69
	0.4	2446	685	0.75
	0.6	2255	738	0.81
	0.8	2079	786	0.86
T8	0.2	3081	698	0.97
	0.4	2900	744	1.03
	0.6	2737	791	1.09
	0.8	2582	834	1.15
T9	0.2	3263	728	1.10
	0.4	3078	771	1.17
	0.6	2923	815	1.23
	0.8	2780	856	1.30
T10	0.2	3427	756	1.24
	0.4	3236	797	1.31
	0.6	3084	838	1.38
	0.8	2955	877	1.44

HORIZONTAL FLOW				
SPEED TAP	ESP	CFM	RPM	BHP
T1	0.2	2102	495	0.36
	0.4	1906	566	0.41
	0.6	-	-	-
	0.8	-	-	-
T2	0.2	2748	571	0.61
	0.4	2554	627	0.67
	0.6	2337	697	0.75
	0.8	2148	750	0.80
T3	0.2	3336	657	0.96
	0.4	3185	696	1.02
	0.6	3029	750	1.10
	0.8	2862	796	1.17
T4	0.2	3539	693	1.13
	0.4	3419	726	1.18
	0.6	3282	773	1.26
	0.8	3132	816	1.33
T5	0.2	3724	732	1.32
	0.4	3647	757	1.37
	0.6	3525	797	1.44
	0.8	3401	836	1.51
T6	0.2	2251	512	0.41
	0.4	2052	579	0.46
	0.6	-	-	-
	0.8	-	-	-
T7	0.2	2784	576	0.63
	0.4	2591	631	0.69
	0.6	2379	699	0.76
	0.8	2190	753	0.82
T8	0.2	3230	639	0.88
	0.4	3066	682	0.94
	0.6	2900	739	1.02
	0.8	2726	787	1.09
T9	0.2	3401	668	1.01
	0.4	3259	705	1.07
	0.6	3109	757	1.15
	0.8	2947	802	1.22
T10	0.2	3552	696	1.14
	0.4	3435	728	1.20
	0.6	3299	774	1.27
	0.8	3151	817	1.34

7.5 Ton • 225 MBH Gas Heat Exchanger • High Static Direct Drive

Models: DRG0903WH, DRG0904WH, DRG0907WH

DOWN FLOW					HORIZONTAL FLOW				
SPEED TAP	ESP	CFM	RPM	BHP	SPEED TAP	ESP	CFM	RPM	BHP
T1	0.2	1954	552	0.40	T1	0.2	2102	495	0.36
	0.4	-	-	-		0.4	1906	566	0.41
	0.6	-	-	-		0.6	-	-	-
	0.8	-	-	-		0.8	-	-	-
	1.0	-	-	-		1.0	-	-	-
	1.2	-	-	-		1.2	-	-	-
	1.4	-	-	-		1.4	-	-	-
	1.6	-	-	-		1.6	-	-	-
	1.8	-	-	-		1.8	-	-	-
	2.0	-	-	-		2.0	-	-	-
T2	0.2	3527	774	1.34	T2	0.2	3642	714	1.23
	0.4	3332	814	1.40		0.4	3544	743	1.28
	0.6	3180	853	1.47		0.6	3415	786	1.36
	0.8	3061	891	1.54		0.8	3278	827	1.43
	1.0	2889	927	1.60		1.0	3147	870	1.50
	1.2	2735	969	1.67		1.2	2998	915	1.58
	1.4	2563	1008	1.74		1.4	2852	971	1.68
	1.6	2392	1050	1.81		1.6	2666	1010	1.74
	1.8	2237	1086	1.87		1.8	2482	1060	1.83
	2.0	2077	1119	1.93		2.0	2323	1096	1.89
T3	0.2	3194	716	1.05	T3	0.2	3336	657	0.96
	0.4	3010	760	1.11		0.4	3185	696	1.02
	0.6	2852	805	1.18		0.6	3029	750	1.10
	0.8	2705	847	1.24		0.8	2862	796	1.17
	1.0	2542	885	1.30		1.0	2699	840	1.23
	1.2	2360	934	1.37		1.2	2509	893	1.31
	1.4	-	-	-		1.4	2320	954	1.40
	1.6	-	-	-		1.6	-	-	-
	1.8	-	-	-		1.8	-	-	-
	2.0	-	-	-		2.0	-	-	-
T4	0.2	-	-	-	T4	0.2	-	-	-
	0.4	-	-	-		0.4	-	-	-
	0.6	3769	961	2.22		0.6	-	-	-
	0.8	3645	1000	2.32		0.8	-	-	-
	1.0	3496	1042	2.42		1.0	-	-	-
	1.2	3398	1073	2.49		1.2	3674	995	2.31
	1.4	3293	1099	2.55		1.4	3566	1035	2.40
	1.6	3065	1137	2.64		1.6	3459	1067	2.48
	1.8	2958	1163	2.70		1.8	3361	1097	2.55
	2.0	2810	1208	2.80		2.0	3261	1134	2.63
T5	0.2	-	-	-	T5	0.2	-	-	-
	0.4	-	-	-		0.4	-	-	-
	0.6	-	-	-		0.6	-	-	-
	0.8	-	-	-		0.8	-	-	-
	1.0	3754	1063	2.66		1.0	-	-	-
	1.2	3662	1090	2.73		1.2	-	-	-
	1.4	3578	1115	2.80		1.4	3795	1047	2.62
	1.6	3519	1137	2.84		1.6	3706	1077	2.69
	1.8	3325	1166	2.91		1.8	3641	1114	2.79
	2.0	3161	1203	3.01		2.0	3565	1145	2.86
T6	0.2	2569	626	0.66	T6	0.2	2728	568	0.60
	0.4	2389	678	0.72		0.4	2533	625	0.66
	0.6	2194	732	0.78		0.6	2314	695	0.74
	0.8	2015	780	0.83		0.8	2125	749	0.79
	1.0	1974	821	0.87		1.0	1875	792	0.84
	1.2	-	-	-		1.2	-	-	-
	1.4	-	-	-		1.4	-	-	-
	1.6	-	-	-		1.6	-	-	-
	1.8	-	-	-		1.8	-	-	-
	2.0	-	-	-		2.0	-	-	-

7.5 Ton • 225 MBH Gas Heat Exchanger • High Static Direct Drive

Models: DRG0903WH, DRG0904WH, DRG0907WH

DOWN FLOW					HORIZONTAL FLOW				
SPEED TAP	ESP	CFM	RPM	BHP	SPEED TAP	ESP	CFM	RPM	BHP
T7	0.2	-	-	-	T7	0.2	-	-	-
	0.4	3048	766	1.14		0.4	-	-	-
	0.6	2892	811	1.21		0.6	3074	754	1.13
	0.8	2747	852	1.27		0.8	2910	800	1.19
	1.0	2581	890	1.33		1.0	2751	843	1.26
	1.2	2402	938	1.40		1.2	2566	895	1.34
	1.4	2216	980	1.46		1.4	2382	956	1.43
	1.6	2043	1023	1.53		1.6	2200	998	1.49
	1.8	1893	1062	1.58		1.8	2005	1047	1.56
T8	2.0	-	-	-		2.0	1836	1083	1.62
	0.2	3744	819	1.58	T8	0.2	3828	758	1.46
	0.4	3536	854	1.64		0.4	3784	778	1.50
	0.6	3378	889	1.71		0.6	3669	813	1.57
	0.8	3286	924	1.78		0.8	3564	850	1.64
	1.0	3144	960	1.85		1.0	3444	894	1.72
	1.2	3009	995	1.92		1.2	3320	933	1.80
	1.4	2855	1031	1.99		1.4	3197	984	1.89
	1.6	2687	1072	2.06		1.6	3023	1020	1.96
	1.8	2526	1107	2.13		1.8	2852	1071	2.06
T9	2.0	-	-	-		2.0	2703	1107	2.13
	0.2	3998	907	2.14	T9	0.2	-	-	-
	0.4	3905	939	2.22		0.4	-	-	-
	0.6	3812	972	2.29		0.6	4100	872	2.06
	0.8	3693	1005	2.37		0.8	4086	901	2.12
	1.0	3617	1041	2.46		1.0	3955	944	2.23
	1.2	3539	1069	2.52		1.2	3864	970	2.29
	1.4	3478	1098	2.59		1.4	3758	1013	2.39
	1.6	3376	1127	2.66		1.6	3659	1042	2.46
	1.8	3271	1162	2.74		1.8	3525	1096	2.59
T10	2.0	3111	1208	2.85		2.0	3406	1132	2.67
	0.2	-	-	-	T10	0.2	-	-	-
	0.4	-	-	-		0.4	-	-	-
	0.6	-	-	-		0.6	-	-	-
	0.8	-	-	-		0.8	-	-	-
	1.0	4156	1104	3.08		1.0	-	-	-
	1.2	4032	1128	3.14		1.2	-	-	-
	1.4	3908	1151	3.21		1.4	4040	1074	2.99
	1.6	3784	1175	3.27		1.6	4023	1106	3.08
	1.8	3660	1198	3.34		1.8	3859	1138	3.17
	2.0	3536	1222	3.40		2.0	3812	1167	3.25

8.5 Ton • 130 MBH Gas Heat Exchanger • Standard Static Direct Drive

Models: DRG1023DL, DRG1024DL, DRG1027DL

DOWN FLOW				
SPEED TAP	ESP	CFM	RPM	BHP
T1	0.2	1714	496	0.32
	0.4	-	-	-
	0.6	-	-	-
	0.8	-	-	-
T2	0.2	2365	599	0.61
	0.4	2208	649	0.66
	0.6	2048	695	0.70
	0.8	-	-	-
T3	0.2	2798	671	0.88
	0.4	2687	713	0.93
	0.6	-	-	-
	0.8	-	-	-
T4	0.2	3522	795	1.51
	0.4	3389	828	1.58
	0.6	3240	865	1.65
	0.8	3083	898	1.71
T5	0.2	3830	847	1.83
	0.4	3702	881	1.90
	0.6	3563	915	1.97
	0.8	3399	946	2.04
T6	0.2	1889	528	0.38
	0.4	1827	589	0.43
	0.6	1445	667	0.48
	0.8	-	-	-
T7	0.2	2193	571	0.53
	0.4	2090	635	0.59
	0.6	1959	698	0.64
	0.8	1704	763	0.70
T8	0.2	2489	616	0.69
	0.4	2351	679	0.76
	0.6	2235	729	0.82
	0.8	2050	780	0.87
T9	0.2	2860	679	0.94
	0.4	2699	735	1.02
	0.6	2554	774	1.07
	0.8	2446	817	1.13
T10	0.2	3182	743	1.22
	0.4	3041	788	1.30
	0.6	2953	821	1.35
	0.8	2797	868	1.43

HORIZONTAL FLOW				
SPEED TAP	ESP	CFM	RPM	BHP
T1	0.2	1856	423	0.27
	0.4	-	-	-
	0.6	-	-	-
	0.8	-	-	-
T2	0.2	2671	503	0.51
	0.4	2492	568	0.57
	0.6	2335	628	0.64
	0.8	2027	690	0.70
T3	0.2	3144	564	0.74
	0.4	3005	607	0.79
	0.6	2824	671	0.88
	0.8	2661	722	0.95
T4	0.2	3921	655	1.25
	0.4	3775	700	1.33
	0.6	3630	745	1.42
	0.8	3449	786	1.50
T5	0.2	4210	694	1.49
	0.4	4071	737	1.59
	0.6	3942	777	1.67
	0.8	3746	819	1.76
T6	0.2	2056	443	0.32
	0.4	1887	522	0.38
	0.6	1702	591	0.43
	0.8	1327	707	0.51
T7	0.2	2445	487	0.45
	0.4	2283	556	0.51
	0.6	2098	617	0.57
	0.8	1828	688	0.64
T8	0.2	2760	545	0.61
	0.4	2630	587	0.66
	0.6	2487	641	0.72
	0.8	2264	701	0.79
T9	0.2	3234	581	0.80
	0.4	3043	626	0.87
	0.6	2866	675	0.93
	0.8	2677	729	1.01
T10	0.2	3655	604	0.99
	0.4	3427	663	1.09
	0.6	3210	714	1.17
	0.8	3066	759	1.25

8.5 Ton • 130 MBH Gas Heat Exchanger • High Static Direct Drive

Models: DRG1023WL, DRG1024WL, DRG1027WL

DOWN FLOW					HORIZONTAL FLOW				
SPEED TAP	ESP	CFM	RPM	BHP	SPEED TAP	ESP	CFM	RPM	BHP
T1	0.2	1714	496	0.32	T1	0.2	1856	423	0.27
	0.4	-	-	-		0.4	-	-	-
	0.6	-	-	-		0.6	-	-	-
	0.8	-	-	-		0.8	-	-	-
	1.0	-	-	-		1.0	-	-	-
	1.2	-	-	-		1.2	-	-	-
	1.4	-	-	-		1.4	-	-	-
	1.6	-	-	-		1.6	-	-	-
	1.8	-	-	-		1.8	-	-	-
	2.0	-	-	-		2.0	-	-	-
T2	0.2	3674	820	1.66	T2	0.2	4061	675	1.37
	0.4	3544	853	1.73		0.4	3919	720	1.46
	0.6	3402	889	1.80		0.6	3792	761	1.54
	0.8	3235	920	1.86		0.8	3610	802	1.62
	1.0	3055	956	1.94		1.0	3427	845	1.71
	1.2	2891	986	2.00		1.2	3261	894	1.81
	1.4	2708	1011	2.05		1.4	3042	919	1.86
	1.6	2499	1071	2.17		1.6	2865	962	1.95
	1.8	2307	1103	2.23		1.8	2649	1020	2.06
	2.0	2054	1146	2.32		2.0	2487	1041	2.11
T3	0.2	2798	671	0.88	T3	0.2	3144	564	0.74
	0.4	2687	713	0.93		0.4	3005	607	0.79
	0.6	-	-	-		0.6	2824	671	0.88
	0.8	-	-	-		0.8	2661	722	0.95
	1.0	-	-	-		1.0	-	-	-
	1.2	-	-	-		1.2	-	-	-
	1.4	-	-	-		1.4	-	-	-
	1.6	-	-	-		1.6	-	-	-
	1.8	-	-	-		1.8	-	-	-
	2.0	-	-	-		2.0	-	-	-
T4	0.2	4166	907	2.22	T4	0.2	-	-	-
	0.4	4029	939	2.30		0.4	-	-	-
	0.6	3906	969	2.37		0.6	4261	812	1.99
	0.8	3717	1003	2.45		0.8	4051	849	2.08
	1.0	3544	1037	2.54		1.0	3857	885	2.17
	1.2	3394	1064	2.60		1.2	3718	922	2.25
	1.4	3219	1092	2.67		1.4	3536	957	2.34
	1.6	3060	1121	2.74		1.6	3369	993	2.43
	1.8	2887	1148	2.81		1.8	3199	1028	2.52
	2.0	2721	1176	2.88		2.0	3048	1064	2.60
T5	0.2	-	-	-	T5	0.2	-	-	-
	0.4	-	-	-		0.4	-	-	-
	0.6	4221	1022	2.85		0.6	-	-	-
	0.8	4047	1052	2.93		0.8	-	-	-
	1.0	3889	1084	3.02		1.0	-	-	-
	1.2	3734	1109	3.09		1.2	4145	950	2.65
	1.4	3555	1133	3.16		1.4	3925	986	2.75
	1.6	3396	1162	3.24		1.6	3783	1018	2.84
	1.8	3210	1186	3.30		1.8	3606	1051	2.93
	2.0	3041	1211	3.37		2.0	3415	1085	3.02
T6	0.2	2398	602	0.64	T6	0.2	2645	528	0.56
	0.4	2270	665	0.70		0.4	2515	577	0.61
	0.6	2161	719	0.76		0.6	2360	634	0.67
	0.8	1948	774	0.82		0.8	2137	694	0.74
	1.0	1818	821	0.87		1.0	1801	757	0.80
	1.2	1520	901	0.95		1.2	1532	814	0.86
	1.4	-	-	-		1.4	-	-	-
	1.6	-	-	-		1.6	-	-	-
	1.8	-	-	-		1.8	-	-	-
	2.0	-	-	-		2.0	-	-	-

8.5 Ton • 130 MBH Gas Heat Exchanger • High Static Direct Drive

Models: DRG1023WL, DRG1024WL, DRG1027WL

DOWN FLOW					HORIZONTAL FLOW				
SPEED TAP	ESP	CFM	RPM	BHP	SPEED TAP	ESP	CFM	RPM	BHP
T7	0.2	-	-	-	T7	0.2	-	-	-
	0.4	2729	741	1.06		0.4	-	-	-
	0.6	2574	789	1.13		0.6	-	-	-
	0.8	2447	824	1.18		0.8	2767	734	1.05
	1.0	2310	847	1.21		1.0	2539	781	1.12
	1.2	2126	857	1.22		1.2	2280	837	1.20
	1.4	1858	948	1.35		1.4	2083	892	1.27
	1.6	1746	1021	1.46		1.6	1834	946	1.35
	1.8	1577	1075	1.54		1.8	1477	1014	1.45
	2.0	1420	1111	1.59		2.0	-	-	-
T8	0.2	2947	695	1.01	T8	0.2	3354	587	0.85
	0.4	2787	749	1.09		0.4	3145	635	0.92
	0.6	2649	786	1.14		0.6	2952	685	0.99
	0.8	2539	829	1.20		0.8	2776	736	1.07
	1.0	2287	872	1.26		1.0	2573	785	1.14
	1.2	2202	917	1.33		1.2	2318	840	1.22
	1.4	1896	972	1.41		1.4	2119	896	1.30
	1.6	-	-	-		1.6	1875	950	1.38
	1.8	-	-	-		1.8	-	-	-
	2.0	-	-	-		2.0	-	-	-
T9	0.2	3704	751	1.59	T9	0.2	-	-	-
	0.4	3606	786	1.67		0.4	-	-	-
	0.6	3491	903	1.92		0.6	-	-	-
	0.8	3366	951	2.02		0.8	3761	817	1.73
	1.0	3247	981	2.08		1.0	3588	854	1.81
	1.2	3108	1015	2.15		1.2	3342	894	1.90
	1.4	2970	1050	2.23		1.4	3145	938	1.99
	1.6	2833	1082	2.30		1.6	2888	981	2.08
	1.8	2661	1117	2.37		1.8	2688	1022	2.17
	2.0	2477	1179	2.50		2.0	2433	1065	2.26
T10	0.2	-	-	-	T10	0.2	-	-	-
	0.4	-	-	-		0.4	-	-	-
	0.6	-	-	-		0.6	-	-	-
	0.8	-	-	-		0.8	-	-	-
	1.0	3867	1078	3.00		1.0	-	-	-
	1.2	3743	1109	3.09		1.2	-	-	-
	1.4	3606	1138	3.17		1.4	-	-	-
	1.6	3474	1165	3.25		1.6	3767	1022	2.85
	1.8	3340	1193	3.32		1.8	3581	1060	2.95
	2.0	3204	1219	3.40		2.0	3370	1096	3.05

8.5 Ton • 180 MBH Gas Heat Exchanger • Standard Static Direct Drive

Models: DRG1023DM, DRG1024DM, DRG1027DM

DOWN FLOW				
SPEED TAP	ESP	CFM	RPM	BHP
T1	0.2	1902	520	0.37
	0.4	-	-	-
	0.6	-	-	-
	0.8	-	-	-
T2	0.2	2365	599	0.61
	0.4	2208	649	0.66
	0.6	2048	695	0.70
	0.8	1892	736	0.74
T3	0.2	3026	709	1.06
	0.4	2905	748	1.11
	0.6	2735	788	1.17
	0.8	2593	831	1.24
T4	0.2	3522	795	1.51
	0.4	3389	828	1.58
	0.6	3240	865	1.65
	0.8	3083	898	1.71
T5	0.2	3830	847	1.83
	0.4	3702	881	1.90
	0.6	3563	915	1.97
	0.8	3399	946	2.04
T6	0.2	1539	469	0.27
	0.4	1317	556	0.31
	0.6	994	634	0.36
	0.8	-	-	-
T7	0.2	2327	591	0.60
	0.4	2207	655	0.66
	0.6	2098	712	0.72
	0.8	1865	770	0.78
T8	0.2	2266	588	0.56
	0.4	2126	638	0.61
	0.6	1989	694	0.66
	0.8	1747	765	0.73
T9	0.2	2743	658	0.85
	0.4	2585	717	0.93
	0.6	2443	759	0.99
	0.8	-	-	-
T10	0.2	3182	743	1.22
	0.4	3041	788	1.30
	0.6	2953	821	1.35
	0.8	2797	868	1.43

HORIZONTAL FLOW				
SPEED TAP	ESP	CFM	RPM	BHP
T1	0.2	2029	440	0.31
	0.4	-	-	-
	0.6	-	-	-
	0.8	-	-	-
T2	0.2	2671	503	0.51
	0.4	2492	568	0.57
	0.6	2335	628	0.64
	0.8	2027	690	0.70
T3	0.2	3391	593	0.88
	0.4	3245	641	0.95
	0.6	3095	693	1.03
	0.8	2948	739	1.10
T4	0.2	3921	655	1.25
	0.4	3775	700	1.33
	0.6	3630	745	1.42
	0.8	3449	786	1.50
T5	0.2	4210	694	1.49
	0.4	4071	737	1.59
	0.6	3942	777	1.67
	0.8	3746	819	1.76
T6	0.2	1650	405	0.23
	0.4	1369	515	0.29
	0.6	1105	589	0.33
	0.8	-	-	-
T7	0.2	2571	513	0.52
	0.4	2433	570	0.58
	0.6	2261	630	0.64
	0.8	2042	690	0.70
T8	0.2	2491	493	0.47
	0.4	2318	560	0.53
	0.6	2125	625	0.60
	0.8	1918	683	0.65
T9	0.2	3073	572	0.74
	0.4	2909	613	0.80
	0.6	2751	663	0.86
	0.8	2547	719	0.93
T10	0.2	3655	604	0.99
	0.4	3427	663	1.09
	0.6	3210	714	1.17
	0.8	3066	759	1.25

8.5 Ton • 180 MBH Gas Heat Exchanger • High Static Direct Drive

Models: DRG1023WM, DRG1024WM, DRG1027WM

DOWN FLOW					HORIZONTAL FLOW				
SPEED TAP	ESP	CFM	RPM	BHP	SPEED TAP	ESP	CFM	RPM	BHP
T1	0.2	1863	520	0.37	T1	0.2	2029	440	0.31
	0.4	-	-	-		0.4	1855	519	0.37
	0.6	-	-	-		0.6	-	-	-
	0.8	-	-	-		0.8	-	-	-
	1.0	-	-	-		1.0	-	-	-
	1.2	-	-	-		1.2	-	-	-
	1.4	-	-	-		1.4	-	-	-
	1.6	-	-	-		1.6	-	-	-
	1.8	-	-	-		1.8	-	-	-
	2.0	-	-	-		2.0	-	-	-
T2	0.2	3674	820	1.66	T2	0.2	4061	675	1.37
	0.4	3544	853	1.73		0.4	3919	720	1.46
	0.6	3402	889	1.80		0.6	3792	761	1.54
	0.8	3235	920	1.86		0.8	3610	802	1.62
	1.0	3055	956	1.94		1.0	3427	845	1.71
	1.2	2891	986	2.00		1.2	3261	894	1.81
	1.4	2708	1011	2.05		1.4	3042	919	1.86
	1.6	2499	1071	2.17		1.6	2865	962	1.95
	1.8	2307	1103	2.23		1.8	2649	1020	2.06
	2.0	2054	1146	2.32		2.0	2487	1041	2.11
T3	0.2	3026	709	1.06	T3	0.2	3391	593	0.88
	0.4	2905	748	1.11		0.4	3245	641	0.95
	0.6	2735	788	1.17		0.6	3095	693	1.03
	0.8	2593	831	1.24		0.8	2948	739	1.10
	1.0	-	-	-		1.0	2789	789	1.17
	1.2	-	-	-		1.2	2614	847	1.26
	1.4	-	-	-		1.4	-	-	-
	1.6	-	-	-		1.6	-	-	-
	1.8	-	-	-		1.8	-	-	-
	2.0	-	-	-		2.0	-	-	-
T4	0.2	4166	907	2.22	T4	0.2	-	-	-
	0.4	4029	939	2.30		0.4	-	-	-
	0.6	3906	969	2.37		0.6	-	-	-
	0.8	3717	1003	2.45		0.8	4051	849	2.08
	1.0	3544	1037	2.54		1.0	3857	885	2.17
	1.2	3394	1064	2.60		1.2	3718	922	2.25
	1.4	3219	1092	2.67		1.4	3536	957	2.34
	1.6	3060	1121	2.74		1.6	3369	993	2.43
	1.8	2887	1148	2.81		1.8	3199	1028	2.52
	2.0	2721	1176	2.88		2.0	3048	1064	2.60
T5	0.2	-	-	-	T5	0.2	-	-	-
	0.4	-	-	-		0.4	-	-	-
	0.6	4221	1022	2.85		0.6	-	-	-
	0.8	4047	1052	2.93		0.8	-	-	-
	1.0	3889	1084	3.02		1.0	-	-	-
	1.2	3734	1109	3.09		1.2	4145	950	2.65
	1.4	3555	1133	3.16		1.4	3925	986	2.75
	1.6	3396	1162	3.24		1.6	3783	1018	2.84
	1.8	3210	1186	3.30		1.8	3606	1051	2.93
	2.0	3041	1211	3.37		2.0	3415	1085	3.02
T6	0.2	2464	612	0.68	T6	0.2	2719	539	0.60
	0.4	2329	675	0.75		0.4	2590	584	0.64
	0.6	2215	727	0.80		0.6	2444	638	0.70
	0.8	2022	778	0.86		0.8	2221	699	0.77
	1.0	-	-	-		1.0	1930	759	0.84
	1.2	-	-	-		1.2	-	-	-
	1.4	-	-	-		1.4	-	-	-
	1.6	-	-	-		1.6	-	-	-
	1.8	-	-	-		1.8	-	-	-
	2.0	-	-	-		2.0	-	-	-

8.5 Ton • 180 MBH Gas Heat Exchanger • High Static Direct Drive

Models: DRG1023WM, DRG1024WM, DRG1027WM

DOWN FLOW					HORIZONTAL FLOW				
SPEED TAP	ESP	CFM	RPM	BHP	SPEED TAP	ESP	CFM	RPM	BHP
T7	0.2	3302	768	1.35	T7	0.2	3734	626	1.10
	0.4	3209	847	1.49		0.4	3574	679	1.20
	0.6	3103	851	1.50		0.6	3431	729	1.28
	0.8	2979	886	1.56		0.8	3283	775	1.37
	1.0	2840	930	1.64		1.0	3115	817	1.44
	1.2	2696	964	1.70		1.2	2941	865	1.52
	1.4	2513	1027	1.81		1.4	2747	908	1.60
	1.6	2312	1039	1.83		1.6	2425	958	1.69
	1.8	2123	1102	1.94		1.8	2211	1011	1.78
T8	2.0	1895	1155	2.03		2.0	1860	1086	1.91
	0.2	3392	853	1.57	T8	0.2	3835	638	1.17
	0.4	3298	852	1.57		0.4	3695	691	1.27
	0.6	3191	864	1.59		0.6	3544	739	1.36
	0.8	3066	864	1.59		0.8	3402	784	1.44
	1.0	2933	915	1.68		1.0	3228	826	1.52
	1.2	2790	975	1.79		1.2	3034	870	1.60
	1.4	2620	1002	1.84		1.4	2840	920	1.69
	1.6	-	-	-		1.6	2615	962	1.77
	1.8	-	-	-		1.8	-	-	-
T9	2.0	-	-	-		2.0	-	-	-
	0.2	3912	757	1.75	T9	0.2	4388	712	1.65
	0.4	3808	816	1.89		0.4	4245	751	1.74
	0.6	3689	927	2.15		0.6	4081	792	1.84
	0.8	3562	984	2.28		0.8	3940	837	1.94
	1.0	3447	1012	2.35		1.0	3734	875	2.03
	1.2	3312	1042	2.41		1.2	3539	910	2.11
	1.4	3185	1075	2.49		1.4	3317	953	2.21
	1.6	3063	1106	2.56		1.6	3092	995	2.31
	1.8	2903	1126	2.61		1.8	2880	1030	2.39
T10	2.0	2773	1181	2.74		2.0	2653	1068	2.48
	0.2	4380	941	2.62	T10	0.2	4802	776	2.16
	0.4	4256	977	2.72		0.4	4695	811	2.26
	0.6	4126	1012	2.82		0.6	4585	847	2.36
	0.8	3991	1046	2.91		0.8	4462	883	2.46
	1.0	3867	1078	3.00		1.0	4315	922	2.57
	1.2	3743	1109	3.09		1.2	4153	952	2.65
	1.4	3606	1138	3.17		1.4	3975	989	2.76
	1.6	3474	1165	3.25		1.6	3767	1022	2.85
	1.8	3340	1193	3.32		1.8	3581	1060	2.95
	2.0	3204	1219	3.40		2.0	3370	1096	3.05

8.5 Ton • 225 MBH Gas Heat Exchanger • Standard Static Direct Drive

Models: DRG1023DH, DRG1024DH, DRG1027DH

DOWN FLOW				
SPEED TAP	ESP	CFM	RPM	BHP
T1	0.2	1902	520	0.37
	0.4	-	-	-
	0.6	-	-	-
	0.8	-	-	-
T2	0.2	2365	599	0.61
	0.4	2208	649	0.66
	0.6	2048	695	0.70
	0.8	1892	736	0.74
T3	0.2	3026	709	1.06
	0.4	2905	748	1.11
	0.6	2735	788	1.17
	0.8	2593	831	1.24
T4	0.2	3522	795	1.51
	0.4	3389	828	1.58
	0.6	3240	865	1.65
	0.8	3083	898	1.71
T5	0.2	3830	847	1.83
	0.4	3702	881	1.90
	0.6	3563	915	1.97
	0.8	3399	946	2.04
T6	0.2	2024	546	0.44
	0.4	1928	606	0.48
	0.6	-	-	-
	0.8	-	-	-
T7	0.2	2398	602	0.64
	0.4	2270	665	0.70
	0.6	2161	719	0.76
	0.8	1948	774	0.82
T8	0.2	2774	663	0.88
	0.4	2615	722	0.95
	0.6	2471	763	1.01
	0.8	-	-	-
T9	0.2	2988	703	1.04
	0.4	2829	756	1.12
	0.6	2697	792	1.17
	0.8	2583	835	1.24
T10	0.2	3182	743	1.22
	0.4	3041	788	1.30
	0.6	2953	821	1.35
	0.8	2797	868	1.43

HORIZONTAL FLOW				
SPEED TAP	ESP	CFM	RPM	BHP
T1	0.2	2029	440	0.31
	0.4	-	-	-
	0.6	-	-	-
	0.8	-	-	-
T2	0.2	2671	503	0.51
	0.4	2492	568	0.57
	0.6	2335	628	0.64
	0.8	2027	690	0.70
T3	0.2	3391	593	0.88
	0.4	3245	641	0.95
	0.6	3095	693	1.03
	0.8	2948	739	1.10
T4	0.2	3921	655	1.25
	0.4	3775	700	1.33
	0.6	3630	745	1.42
	0.8	3449	786	1.50
T5	0.2	4210	694	1.49
	0.4	4071	737	1.59
	0.6	3942	777	1.67
	0.8	3746	819	1.76
T6	0.2	2216	459	0.37
	0.4	2066	533	0.43
	0.6	1894	599	0.48
	0.8	-	-	-
T7	0.2	2645	528	0.56
	0.4	2515	577	0.61
	0.6	2360	634	0.67
	0.8	2137	694	0.74
T8	0.2	3116	575	0.76
	0.4	2944	616	0.81
	0.6	2782	666	0.88
	0.8	2582	722	0.95
T9	0.2	3410	589	0.87
	0.4	3193	640	0.95
	0.6	2993	690	1.02
	0.8	2823	740	1.10
T10	0.2	3655	604	0.99
	0.4	3427	663	1.09
	0.6	3210	714	1.17
	0.8	3066	759	1.25

8.5 Ton • 225 MBH Gas Heat Exchanger • Medium Static Direct Drive

Models: DRG1023LH, DRG1024LH, DRG1027LH

DOWN FLOW					HORIZONTAL FLOW				
SPEED TAP	ESP	CFM	RPM	BHP	SPEED TAP	ESP	CFM	RPM	BHP
T1	0.2	1863	520	0.37	T1	0.2	2029	440	0.31
	0.4	-	-	-		0.4	1855	519	0.37
	0.6	-	-	-		0.6	-	-	-
	0.8	-	-	-		0.8	-	-	-
	1.0	-	-	-		1.0	-	-	-
	1.2	-	-	-		1.2	-	-	-
	1.4	-	-	-		1.4	-	-	-
T2	0.2	3114	722	1.12	T2	0.2	3458	603	0.93
	0.4	2977	761	1.18		0.4	3292	658	1.02
	0.6	2825	800	1.24		0.6	3155	700	1.08
	0.8	2634	846	1.31		0.8	3007	747	1.16
	1.0	2474	878	1.36		1.0	2844	797	1.23
	1.2	2236	931	1.44		1.2	2681	836	1.29
T3	0.2	3026	709	1.06	T3	0.2	3391	593	0.88
	0.4	2905	748	1.11		0.4	3245	641	0.95
	0.6	2735	788	1.17		0.6	3095	693	1.03
	0.8	2593	831	1.24		0.8	2948	739	1.10
	1.0	-	-	-		1.0	2789	789	1.17
	1.2	-	-	-		1.2	2614	847	1.26
T4	0.2	3997	874	1.99	T4	0.2	-	-	-
	0.4	3869	909	2.07		0.4	4200	754	1.71
	0.6	3740	942	2.14		0.6	4070	791	1.80
	0.8	3578	975	2.22		0.8	3879	838	1.91
	1.0	3417	1009	2.29		1.0	3699	874	1.99
	1.2	3257	1039	2.36		1.2	3535	923	2.10
T5	0.2	3091	1069	2.43	T5	1.4	3341	946	2.15
	0.4	4125	958	2.46		0.2	-	-	-
	0.6	3997	992	2.55		0.4	-	-	-
	0.8	3806	1021	2.63		0.6	-	-	-
	1.0	3701	1056	2.72		0.8	4194	863	2.22
	1.2	3547	1081	2.78		1.0	4012	898	2.31
T6	0.2	2202	572	0.53	T6	1.2	3879	955	2.45
	0.4	2098	636	0.59		1.4	3683	967	2.49
	0.6	1969	698	0.65		0.2	2455	488	0.45
	0.8	-	-	-		0.4	2291	558	0.52
	1.0	-	-	-		0.6	2105	618	0.57
	1.2	-	-	-		0.8	1842	688	0.64
T7	0.2	2948	681	0.97	T7	1.0	-	-	-
	0.4	2729	741	1.06		1.2	-	-	-
	0.6	2574	789	1.13		1.4	-	-	-
	0.8	2447	824	1.18		0.2	-	-	-
	1.0	2310	847	1.21		0.4	3123	632	0.90
	1.2	2126	857	1.22		0.6	2931	681	0.97
T8	0.2	3256	760	1.30	T8	0.8	2767	734	1.05
	0.4	3128	802	1.37		1.0	2539	781	1.12
	0.6	3059	834	1.42		1.2	2280	837	1.20
	0.8	2885	884	1.51		1.4	2083	892	1.27
	1.0	2779	916	1.6		0.2	3734	613	1.05
	1.2	2619	955	1.63	T9	0.4	3520	673	1.15
T9	0.2	3571	777	1.55		0.6	3311	723	1.24
	0.4	3475	815	1.63		0.8	3172	767	1.31
	0.6	3364	887	1.77		1.0	2951	811	1.39
	0.8	3239	920	1.84		1.2	2724	859	1.47
	1.0	3115	957	1.91		1.4	2547	909	1.55
T10	0.2	3879	753	1.72	T10	0.2	3992	669	1.34
	0.4	3777	802	1.83		0.4	3881	710	1.42
	0.6	3658	923	2.11		0.6	3776	756	1.51
	0.8	3532	980	2.24		0.8	3631	804	1.61
	1.0	3416	1008	2.30		1.0	3474	841	1.68
	1.2	3280	1038	2.37		1.2	3329	884	1.77
	1.4	3152	1071	2.45		1.4	3125	928	1.86
						0.2	-	-	-
						0.4	-	-	-
						0.6	4054	789	1.80
						0.8	3912	834	1.91
						1.0	3711	872	1.99
						1.2	3501	907	2.07
						1.4	2986	951	2.17

8.5 Ton • 225 MBH Gas Heat Exchanger • High Static Direct Drive

Models: DRG1023WH, DRG1024WH, DRG1027WH

DOWN FLOW					HORIZONTAL FLOW				
SPEED TAP	ESP	CFM	RPM	BHP	SPEED TAP	ESP	CFM	RPM	BHP
T1	0.2	1863	520	0.37	T1	0.2	2029	440	0.31
	0.4	-	-	-		0.4	1855	519	0.37
	0.6	-	-	-		0.6	-	-	-
	0.8	-	-	-		0.8	-	-	-
	1.0	-	-	-		1.0	-	-	-
	1.2	-	-	-		1.2	-	-	-
	1.4	-	-	-		1.4	-	-	-
	1.6	-	-	-		1.6	-	-	-
	1.8	-	-	-		1.8	-	-	-
	2.0	-	-	-		2.0	-	-	-
T2	0.2	3674	820	1.66	T2	0.2	4061	675	1.37
	0.4	3544	853	1.73		0.4	3919	720	1.46
	0.6	3402	889	1.80		0.6	3792	761	1.54
	0.8	3235	920	1.86		0.8	3610	802	1.62
	1.0	3055	956	1.94		1.0	3427	845	1.71
	1.2	2891	986	2.00		1.2	3261	894	1.81
	1.4	2708	1011	2.05		1.4	3042	919	1.86
	1.6	2499	1071	2.17		1.6	2865	962	1.95
	1.8	2307	1103	2.23		1.8	2649	1020	2.06
	2.0	2054	1146	2.32		2.0	2487	1041	2.11
T3	0.2	3026	709	1.06	T3	0.2	3391	593	0.88
	0.4	2905	748	1.11		0.4	3245	641	0.95
	0.6	2735	788	1.17		0.6	3095	693	1.03
	0.8	2593	831	1.24		0.8	2948	739	1.10
	1.0	-	-	-		1.0	2789	789	1.17
	1.2	-	-	-		1.2	2614	847	1.26
	1.4	-	-	-		1.4	-	-	-
	1.6	-	-	-		1.6	-	-	-
	1.8	-	-	-		1.8	-	-	-
	2.0	-	-	-		2.0	-	-	-
T4	0.2	4166	907	2.22	T4	0.2	-	-	-
	0.4	4029	939	2.30		0.4	-	-	-
	0.6	3906	969	2.37		0.6	-	-	-
	0.8	3717	1003	2.45		0.8	4051	849	2.08
	1.0	3544	1037	2.54		1.0	3857	885	2.17
	1.2	3394	1064	2.60		1.2	3718	922	2.25
	1.4	3219	1092	2.67		1.4	3536	957	2.34
	1.6	3060	1121	2.74		1.6	3369	993	2.43
	1.8	2887	1148	2.81		1.8	3199	1028	2.52
	2.0	2721	1176	2.88		2.0	3048	1064	2.60
T5	0.2	-	-	-	T5	0.2	-	-	-
	0.4	-	-	-		0.4	-	-	-
	0.6	4221	1022	2.85		0.6	-	-	-
	0.8	4047	1052	2.93		0.8	-	-	-
	1.0	3889	1084	3.02		1.0	-	-	-
	1.2	3734	1109	3.09		1.2	4145	950	2.65
	1.4	3555	1133	3.16		1.4	3925	986	2.75
	1.6	3396	1162	3.24		1.6	3783	1018	2.84
	1.8	3210	1186	3.30		1.8	3606	1051	2.93
	2.0	3041	1211	3.37		2.0	3415	1085	3.02
T6	0.2	2522	621	0.71	T6	0.2	2787	548	0.63
	0.4	2381	684	0.78		0.4	2656	590	0.67
	0.6	2261	733	0.84		0.6	2514	643	0.73
	0.8	2087	783	0.89		0.8	2292	703	0.80
	1.0	-	-	-		1.0	2032	762	0.87
	1.2	-	-	-		1.2	-	-	-
	1.4	-	-	-		1.4	-	-	-
	1.6	-	-	-		1.6	-	-	-
	1.8	-	-	-		1.8	-	-	-
	2.0	-	-	-		2.0	-	-	-

8.5 Ton • 225 MBH Gas Heat Exchanger • High Static Direct Drive

Models: DRG1023WM, DRG1024WM, DRG1027WM

DOWN FLOW					HORIZONTAL FLOW				
SPEED TAP	ESP	CFM	RPM	BHP	SPEED TAP	ESP	CFM	RPM	BHP
T7	0.2	-	-	-	T7	0.2	-	-	-
	0.4	-	-	-		0.4	-	-	-
	0.6	3103	851	1.50		0.6	-	-	-
	0.8	2979	886	1.56		0.8	-	-	-
	1.0	2840	930	1.64		1.0	3115	817	1.44
	1.2	2696	964	1.70		1.2	2941	865	1.52
	1.4	2513	1027	1.81		1.4	2747	908	1.60
	1.6	2312	1039	1.83		1.6	2425	958	1.69
	1.8	2123	1102	1.94		1.8	2211	1011	1.78
	2.0	1895	1155	2.03		2.0	1860	1086	1.91
T8	0.2	3531	789	1.55	T8	0.2	3949	663	1.30
	0.4	3436	825	1.62		0.4	3837	705	1.39
	0.6	3325	882	1.73		0.6	3733	752	1.48
	0.8	3201	910	1.79		0.8	3588	800	1.57
	1.0	3075	948	1.86		1.0	3433	837	1.65
	1.2	2934	992	1.95		1.2	3129	881	1.73
	1.4	2780	1025	2.01		1.4	3097	925	1.82
	1.6	2620	1063	2.09		1.6	2817	970	1.90
	1.8	2441	1111	2.18		1.8	2577	1016	2.00
	2.0	-	-	-		2.0	-	-	-
T9	0.2	3999	765	1.82	T9	0.2	-	-	-
	0.4	3878	856	2.04		0.4	-	-	-
	0.6	3755	928	2.21		0.6	4157	801	1.91
	0.8	3630	990	2.36		0.8	4013	842	2.01
	1.0	3505	1020	2.43		1.0	3816	885	2.11
	1.2	3378	1051	2.50		1.2	3618	913	2.17
	1.4	3246	1083	2.58		1.4	3417	958	2.28
	1.6	3113	1114	2.65		1.6	3179	997	2.37
	1.8	2981	1138	2.71		1.8	2971	1036	2.47
	2.0	2846	1172	2.79		2.0	2740	1075	2.56
T10	0.2	-	-	-	T10	0.2	-	-	-
	0.4	-	-	-		0.4	-	-	-
	0.6	4126	1012	2.82		0.6	-	-	-
	0.8	3991	1046	2.91		0.8	-	-	-
	1.0	3867	1078	3.00		1.0	-	-	-
	1.2	3743	1109	3.09		1.2	4153	952	2.65
	1.4	3606	1138	3.17		1.4	3975	989	2.76
	1.6	3474	1165	3.25		1.6	3767	1022	2.85
	1.8	3340	1193	3.32		1.8	3581	1060	2.95
	2.0	3204	1219	3.40		2.0	3370	1096	3.05

10 Ton • 130 MBH Gas Heat Exchanger • Standard Static Direct Drive

Models: DRG1203DL, DRG1204DL, DRG1207DL

DOWN FLOW				
SPEED TAP	ESP	CFM	RPM	BHP
T1	0.2	2255	553	0.42
	0.4	-	-	-
	0.6	-	-	-
	0.8	-	-	-
T2	0.2	2910	654	0.78
	0.4	2702	687	0.82
	0.6	2410	753	0.90
	0.8	2250	827	0.98
T3	0.2	3293	675	1.04
	0.4	3137	725	1.12
	0.6	3010	766	1.19
	0.8	-	-	-
T4	0.2	3940	774	1.62
	0.4	3827	812	1.70
	0.6	3696	850	1.78
	0.8	3571	892	1.87
T5	0.2	4126	802	1.82
	0.4	4022	838	1.91
	0.6	3889	877	1.99
	0.8	3808	908	2.07
T6	0.2	1756	460	0.24
	0.4	1547	535	0.29
	0.6	1338	599	0.34
	0.8	-	-	-
T7	0.2	2111	508	0.38
	0.4	1917	575	0.43
	0.6	1742	634	0.48
	0.8	1585	688	0.52
T8	0.2	2443	554	0.53
	0.4	2264	612	0.58
	0.6	2109	669	0.64
	0.8	-	-	-
T9	0.2	3440	692	1.12
	0.4	3308	734	1.19
	0.6	3158	782	1.27
	0.8	3012	827	1.34
T10	0.2	3575	710	1.23
	0.4	3469	749	1.29
	0.6	3293	798	1.38
	0.8	3170	840	1.45

HORIZONTAL FLOW				
SPEED TAP	ESP	CFM	RPM	BHP
T1	0.2	2267	492	0.37
	0.4	-	-	-
	0.6	-	-	-
	0.8	-	-	-
T2	0.2	2942	562	0.67
	0.4	2760	613	0.73
	0.6	2431	706	0.84
	0.8	2350	802	0.95
T3	0.2	3464	626	0.97
	0.4	3294	683	1.06
	0.6	3139	730	1.13
	0.8	-	-	-
T4	0.2	4159	707	1.48
	0.4	4062	742	1.56
	0.6	3880	794	1.66
	0.8	3722	844	1.77
T5	0.2	4366	732	1.66
	0.4	4177	786	1.79
	0.6	4097	817	1.86
	0.8	3973	854	1.94
T6	0.2	1853	430	0.24
	0.4	1379	522	0.29
	0.6	1363	845	0.47
	0.8	-	-	-
T7	0.2	2222	470	0.36
	0.4	1895	550	0.42
	0.6	1755	611	0.46
	0.8	1510	726	0.55
T8	0.2	2574	509	0.48
	0.4	2344	577	0.55
	0.6	2128	654	0.62
	0.8	1856	738	0.70
T9	0.2	3639	629	1.02
	0.4	3491	672	1.09
	0.6	3267	768	1.24
	0.8	3045	789	1.28
T10	0.2	3794	646	1.12
	0.4	3620	688	1.19
	0.6	3421	745	1.29
	0.8	3224	800	1.38

10 Ton • 130 MBH Gas Heat Exchanger • High Static Direct Drive

Models: DRG1203WL, DRG1204WL, DRG1207WL

DOWN FLOW					HORIZONTAL FLOW				
SPEED TAP	ESP	CFM	RPM	BHP	SPEED TAP	ESP	CFM	RPM	BHP
T1	0.2	2248	535	0.44	T1	0.2	2312	493	0.40
	0.4	-	-	-		0.4	-	-	-
	0.6	-	-	-		0.6	-	-	-
	0.8	-	-	-		0.8	-	-	-
	1.0	-	-	-		1.0	-	-	-
	1.2	-	-	-		1.2	-	-	-
	1.4	-	-	-		1.4	-	-	-
	1.6	-	-	-		1.6	-	-	-
	1.8	-	-	-		1.8	-	-	-
	2.0	-	-	-		2.0	-	-	-
T2	0.2	3814	761	1.35	T2	0.2	3815	680	1.21
	0.4	3709	802	1.42		0.4	3705	721	1.28
	0.6	3534	839	1.49		0.6	3514	777	1.38
	0.8	3399	887	1.57		0.8	3367	823	1.46
	1.0	3265	919	1.63		1.0	3222	867	1.54
	1.2	3012	967	1.72		1.2	2937	938	1.66
	1.4	2779	1027	1.82		1.4	2670	1004	1.78
	1.6	2643	1042	1.85		1.6	2522	1040	1.84
	1.8	2509	1060	1.88		1.8	2375	1072	1.90
	2.0	2383	1120	1.99		2.0	2222	1107	1.96
T3	0.2	3814	761	1.35	T3	0.2	3815	680	1.21
	0.4	3709	802	1.42		0.4	3705	721	1.28
	0.6	3534	839	1.49		0.6	3514	777	1.38
	0.8	3399	887	1.57		0.8	3367	823	1.46
	1.0	3265	919	1.63		1.0	3222	867	1.54
	1.2	3012	967	1.72		1.2	-	-	-
	1.4	-	-	-		1.4	-	-	-
	1.6	-	-	-		1.6	-	-	-
	1.8	-	-	-		1.8	-	-	-
	2.0	-	-	-		2.0	-	-	-
T4	0.2	4790	914	2.55	T4	0.2	4915	830	2.31
	0.4	4674	948	2.64		0.4	4789	872	2.43
	0.6	4565	982	2.74		0.6	4659	905	2.52
	0.8	4440	1013	2.82		0.8	4533	959	2.67
	1.0	4321	1046	2.91		1.0	4420	980	2.73
	1.2	4211	1076	3.00		1.2	4278	1050	2.93
	1.4	4094	1104	3.08		1.4	4139	1055	2.94
	1.6	3988	1135	3.16		1.6	4024	1145	3.19
	1.8	3884	1163	3.24		1.8	3892	1125	3.13
	2.0	3770	1192	3.32		2.0	3778	1150	3.20
T5	0.2	4976	948	2.83	T5	0.2	-	-	-
	0.4	4866	979	2.93		0.4	4972	891	2.66
	0.6	4763	1010	3.02		0.6	4843	925	2.76
	0.8	4634	1040	3.11		0.8	4720	964	2.88
	1.0	4520	1071	3.20		1.0	4607	1002	2.99
	1.2	4408	1099	3.28		1.2	4471	1036	3.09
	1.4	4288	1128	3.37		1.4	4338	1070	3.20
	1.6	4187	1157	3.46		1.6	4223	1105	3.30
	1.8	4078	1182	3.53		1.8	4095	1140	3.41
	2.0	3976	1214	3.63		2.0	3983	1170	3.50
T6	0.2	2306	543	0.46	T6	0.2	2376	500	0.42
	0.4	2069	595	0.50		0.4	2175	571	0.48
	0.6	1774	631	0.53		0.6	2024	657	0.56
	0.8	1416	649	0.55		0.8	1884	689	0.58
	1.0	-	-	-		1.0	-	-	-
	1.2	-	-	-		1.2	-	-	-
	1.4	-	-	-		1.4	-	-	-
	1.6	-	-	-		1.6	-	-	-
	1.8	-	-	-		1.8	-	-	-
	2.0	-	-	-		2.0	-	-	-

10 Ton • 130 MBH Gas Heat Exchanger • High Static Direct Drive

Models: DRG1203WL, DRG1204WL, DRG1207WL

DOWN FLOW					HORIZONTAL FLOW				
SPEED TAP	ESP	CFM	RPM	BHP	SPEED TAP	ESP	CFM	RPM	BHP
T7	0.2	-	-	-	T7	0.2	-	-	-
	0.4	-	-	-		0.4	-	-	-
	0.6	2830	761	1.05		0.6	-	-	-
	0.8	2693	809	1.12		0.8	2759	766	1.06
	1.0	2457	864	1.19		1.0	2540	834	1.15
	1.2	2219	921	1.27		1.2	2250	898	1.24
	1.4	1937	970	1.34		1.4	1983	958	1.32
	1.6	1778	1006	1.39		1.6	1840	1013	1.40
	1.8	1574	1055	1.45		1.8	1627	1073	1.48
	2.0	1365	1149	1.58		2.0	1413	1132	1.56
T8	0.2	3229	678	0.97	T8	0.2	3335	613	0.87
	0.4	3107	723	1.03		0.4	3188	668	0.95
	0.6	2907	770	1.10		0.6	3021	720	1.03
	0.8	2778	816	1.17		0.8	2855	770	1.10
	1.0	2557	869	1.24		1.0	2641	836	1.19
	1.2	2308	925	1.32		1.2	2345	902	1.29
	1.4	2032	976	1.39		1.4	2073	963	1.38
	1.6	-	-	-		1.6	-	-	-
	1.8	-	-	-		1.8	-	-	-
	2.0	-	-	-		2.0	-	-	-
T9	0.2	3706	750	1.34	T9	0.2	3819	670	1.20
	0.4	3596	786	1.40		0.4	3711	712	1.27
	0.6	3413	835	1.49		0.6	3519	770	1.38
	0.8	3273	874	1.56		0.8	3377	821	1.47
	1.0	3132	913	1.63		1.0	3230	870	1.55
	1.2	2874	973	1.74		1.2	2945	944	1.69
	1.4	2641	1027	1.83		1.4	2687	1015	1.81
	1.6	2501	1063	1.90		1.6	2525	1055	1.88
	1.8	2366	1097	1.96		1.8	2361	1089	1.94
	2.0	2226	1129	2.02		2.0	2232	1128	2.01
T10	0.2	-	-	-	T10	0.2	-	-	-
	0.4	3836	832	1.68		0.4	-	-	-
	0.6	3714	873	1.77		0.6	3841	805	1.63
	0.8	3576	905	1.83		0.8	3710	845	1.71
	1.0	3432	948	1.92		1.0	3546	895	1.81
	1.2	3323	986	2.00		1.2	3410	941	1.91
	1.4	3177	1020	2.06		1.4	3285	980	1.98
	1.6	2956	1075	2.18		1.6	3028	1045	2.12
	1.8	2690	1127	2.28		1.8	2732	1110	2.25
	2.0	2560	1156	2.34		2.0	2549	1152	2.33

10 Ton • 180 MBH Gas Heat Exchanger • High Static Direct Drive

Models: DRG1203WM, DRG1204WM, DRG1207WM

DOWN FLOW					HORIZONTAL FLOW				
SPEED TAP	ESP	CFM	RPM	BHP	SPEED TAP	ESP	CFM	RPM	BHP
T1	0.2	2248	535	0.44	T1	0.2	2312	493	0.40
	0.4	-	-	-		0.4	-	-	-
	0.6	-	-	-		0.6	-	-	-
	0.8	-	-	-		0.8	-	-	-
	1.0	-	-	-		1.0	-	-	-
	1.2	-	-	-		1.2	-	-	-
	1.4	-	-	-		1.4	-	-	-
	1.6	-	-	-		1.6	-	-	-
	1.8	-	-	-		1.8	-	-	-
	2.0	-	-	-		2.0	-	-	-
T2	0.2	3814	761	1.35	T2	0.2	3815	680	1.21
	0.4	3709	802	1.42		0.4	3705	721	1.28
	0.6	3534	839	1.49		0.6	3514	777	1.38
	0.8	3399	887	1.57		0.8	3367	823	1.46
	1.0	3265	919	1.63		1.0	3222	867	1.54
	1.2	3012	967	1.72		1.2	2937	938	1.66
	1.4	2779	1027	1.82		1.4	2670	1004	1.78
	1.6	2643	1042	1.85		1.6	2522	1040	1.84
	1.8	2509	1060	1.88		1.8	2375	1072	1.90
	2.0	2383	1120	1.99		2.0	2222	1107	1.96
T3	0.2	3814	761	1.35	T3	0.2	3815	680	1.21
	0.4	3709	802	1.42		0.4	3705	721	1.28
	0.6	3534	839	1.49		0.6	3514	777	1.38
	0.8	3399	887	1.57		0.8	3367	823	1.46
	1.0	3265	919	1.63		1.0	3222	867	1.54
	1.2	3012	967	1.72		1.2	-	-	-
	1.4	-	-	-		1.4	-	-	-
	1.6	-	-	-		1.6	-	-	-
	1.8	-	-	-		1.8	-	-	-
	2.0	-	-	-		2.0	-	-	-
T4	0.2	4790	914	2.55	T4	0.2	4915	830	2.31
	0.4	4674	948	2.64		0.4	4789	872	2.43
	0.6	4565	982	2.74		0.6	4659	905	2.52
	0.8	4440	1013	2.82		0.8	4533	959	2.67
	1.0	4321	1046	2.91		1.0	4420	980	2.73
	1.2	4211	1076	3.00		1.2	4278	1050	2.93
	1.4	4094	1104	3.08		1.4	4139	1055	2.94
	1.6	3988	1135	3.16		1.6	4024	1145	3.19
	1.8	3884	1163	3.24		1.8	3892	1125	3.13
	2.0	3770	1192	3.32		2.0	3778	1150	3.20
T5	0.2	4976	948	2.83	T5	0.2	-	-	-
	0.4	4866	979	2.93		0.4	4972	891	2.66
	0.6	4763	1010	3.02		0.6	4843	925	2.76
	0.8	4634	1040	3.11		0.8	4720	964	2.88
	1.0	4520	1071	3.20		1.0	4607	1002	2.99
	1.2	4408	1099	3.28		1.2	4471	1036	3.09
	1.4	4288	1128	3.37		1.4	4338	1070	3.20
	1.6	4187	1157	3.46		1.6	4223	1105	3.30
	1.8	4078	1182	3.53		1.8	4095	1140	3.41
	2.0	3976	1214	3.63		2.0	3983	1170	3.50
T6	0.2	3493	718	1.16	T6	0.2	3603	644	1.04
	0.4	3374	758	1.23		0.4	3478	693	1.12
	0.6	3189	805	1.30		0.6	3301	750	1.21
	0.8	3053	847	1.37		0.8	3171	791	1.28
	1.0	2899	890	1.44		1.0	2993	853	1.38
	1.2	2628	949	1.54		1.2	2691	919	1.49
	1.4	2393	1001	1.62		1.4	2418	988	1.60
	1.6	2242	1050	1.70		1.6	2278	1035	1.68
	1.8	2059	1094	1.77		1.8	2123	1070	1.73
	2.0	1897	1131	1.83		2.0	1933	1128	1.83

10 Ton • 180 MBH Gas Heat Exchanger • High Static Direct Drive

Models: DRG1203WM, DRG1204WM, DRG1207WM

DOWN FLOW					HORIZONTAL FLOW				
SPEED TAP	ESP	CFM	RPM	BHP	SPEED TAP	ESP	CFM	RPM	BHP
T7	0.2	-	-	-	T7	0.2	-	-	-
	0.4	-	-	-		0.4	-	-	-
	0.6	2830	761	1.05		0.6	-	-	-
	0.8	2693	809	1.12		0.8	2759	766	1.06
	1.0	2457	864	1.19		1.0	2540	834	1.15
	1.2	2219	921	1.27		1.2	2250	898	1.24
	1.4	1937	970	1.34		1.4	1983	958	1.32
	1.6	1778	1006	1.39		1.6	1840	1013	1.40
	1.8	1574	1055	1.45		1.8	1627	1073	1.48
	2.0	1365	1149	1.58		2.0	1413	1132	1.56
T8	0.2	3229	678	0.97	T8	0.2	3335	613	0.87
	0.4	3107	723	1.03		0.4	3188	668	0.95
	0.6	2907	770	1.10		0.6	3021	720	1.03
	0.8	2778	816	1.17		0.8	2855	770	1.10
	1.0	2557	869	1.24		1.0	2641	836	1.19
	1.2	2308	925	1.32		1.2	2345	902	1.29
	1.4	2032	976	1.39		1.4	2073	963	1.38
	1.6	-	-	-		1.6	-	-	-
	1.8	-	-	-		1.8	-	-	-
	2.0	-	-	-		2.0	-	-	-
T9	0.2	3706	750	1.34	T9	0.2	3819	670	1.20
	0.4	3596	786	1.40		0.4	3711	712	1.27
	0.6	3413	835	1.49		0.6	3519	770	1.38
	0.8	3273	874	1.56		0.8	3377	821	1.47
	1.0	3132	913	1.63		1.0	3230	870	1.55
	1.2	2874	973	1.74		1.2	2945	944	1.69
	1.4	2641	1027	1.83		1.4	2687	1015	1.81
	1.6	2501	1063	1.90		1.6	2525	1055	1.88
	1.8	2366	1097	1.96		1.8	2361	1089	1.94
	2.0	2226	1129	2.02		2.0	2232	1128	2.01
T10	0.2	-	-	-	T10	0.2	-	-	-
	0.4	3836	832	1.68		0.4	-	-	-
	0.6	3714	873	1.77		0.6	3841	805	1.63
	0.8	3576	905	1.83		0.8	3710	845	1.71
	1.0	3432	948	1.92		1.0	3546	895	1.81
	1.2	3323	986	2.00		1.2	3410	941	1.91
	1.4	3177	1020	2.06		1.4	3285	980	1.98
	1.6	2956	1075	2.18		1.6	3028	1045	2.12
	1.8	2690	1127	2.28		1.8	2732	1110	2.25
	2.0	2560	1156	2.34		2.0	2549	1152	2.33

10 Ton • 240 MBH Gas Heat Exchanger • Standard Static Direct Drive

Models: DRG1203DH, DRG1204DH, DRG1207DH

DOWN FLOW				
SPEED TAP	ESP	CFM	RPM	BHP
T1	0.2	2184	520	0.43
	0.4	-	-	-
	0.6	-	-	-
	0.8	-	-	-
T2	0.2	2910	654	0.78
	0.4	2702	687	0.82
	0.6	2410	753	0.90
	0.8	2250	792	0.94
T3	0.2	3669	734	1.36
	0.4	3556	775	1.44
	0.6	3428	816	1.52
	0.8	3274	859	1.60
T4	0.2	3940	774	1.62
	0.4	3827	812	1.70
	0.6	3696	850	1.78
	0.8	3571	892	1.87
T5	0.2	4126	802	1.82
	0.4	4022	838	1.91
	0.6	3889	877	1.99
	0.8	3808	908	2.07
T6	0.2	2223	524	0.43
	0.4	-	-	-
	0.6	-	-	-
	0.8	-	-	-
T7	0.2	3023	634	0.84
	0.4	2870	681	0.90
	0.6	2725	733	0.97
	0.8	2486	795	1.05
T8	0.2	3720	732	1.35
	0.4	3602	772	1.42
	0.6	3446	817	1.50
	0.8	3331	857	1.58
T9	0.2	3979	769	1.59
	0.4	3875	809	1.67
	0.6	3717	850	1.76
	0.8	3611	890	1.84
T10	0.2	4200	800	1.82
	0.4	4081	842	1.91
	0.6	3956	882	2.01
	0.8	3855	919	2.09

HORIZONTAL FLOW				
SPEED TAP	ESP	CFM	RPM	BHP
T1	0.2	2286	486	0.41
	0.4	-	-	-
	0.6	-	-	-
	0.8	-	-	-
T2	0.2	2942	562	0.67
	0.4	2760	613	0.73
	0.6	2431	706	0.84
	0.8	2317	733	0.87
T3	0.2	3874	673	1.25
	0.4	3699	713	1.32
	0.6	3560	769	1.43
	0.8	3438	820	1.52
T4	0.2	4159	707	1.48
	0.4	4062	742	1.56
	0.6	3880	794	1.66
	0.8	3722	844	1.77
T5	0.2	4366	732	1.66
	0.4	4177	786	1.79
	0.6	4097	817	1.86
	0.8	3973	854	1.94
T6	0.2	2340	483	0.40
	0.4	-	-	-
	0.6	-	-	-
	0.8	-	-	-
T7	0.2	3187	577	0.76
	0.4	3038	629	0.83
	0.6	2783	664	0.88
	0.8	2519	764	1.01
T8	0.2	3947	664	1.22
	0.4	3781	703	1.29
	0.6	3599	816	1.50
	0.8	3416	1002	1.84
T9	0.2	4237	698	1.44
	0.4	4053	734	1.52
	0.6	3912	819	1.69
	0.8	3765	831	1.72
T10	0.2	4468	726	1.65
	0.4	4258	766	1.74
	0.6	4175	811	1.84
	0.8	4056	851	1.93

10 Ton • 240 MBH Gas Heat Exchanger • Medium Static Direct Drive

Models: DRG1203LH, DRG1204LH, DRG1207LH

DOWN FLOW					HORIZONTAL FLOW				
SPEED TAP	ESP	CFM	RPM	BHP	SPEED TAP	ESP	CFM	RPM	BHP
T1	0.2	2184	520	0.43	T1	0.2	2286	486	0.41
	0.4	-	-	-		0.4	-	-	-
	0.6	-	-	-		0.6	-	-	-
	0.8	-	-	-		0.8	-	-	-
	1.0	-	-	-		1.0	-	-	-
	1.2	-	-	-		1.2	-	-	-
	1.4	-	-	-		1.4	-	-	-
T2	0.2	3293	675	1.04	T2	0.2	3464	626	0.97
	0.4	3137	725	1.12		0.4	3294	683	1.06
	0.6	3010	766	1.19		0.6	3139	730	1.13
	0.8	2781	825	1.28		0.8	2859	807	1.25
	1.0	2580	876	1.36		1.0	2544	884	1.37
	1.2	2426	913	1.41		1.2	2387	920	1.42
	1.4	2241	954	1.48		1.4	2208	963	1.49
T3	0.2	3669	734	1.36	T3	0.2	3874	673	1.25
	0.4	3556	775	1.44		0.4	3699	713	1.32
	0.6	3428	816	1.52		0.6	3560	769	1.43
	0.8	3274	859	1.60		0.8	3438	820	1.52
	1.0	3171	892	1.66		1.0	3243	870	1.62
	1.2	-	-	-		1.2	-	-	-
	1.4	-	-	-		1.4	-	-	-
T4	0.2	4426	847	2.17	T4	0.2	4671	773	1.98
	0.4	4311	880	2.25		0.4	4596	820	2.10
	0.6	4180	916	2.34		0.6	4420	854	2.19
	0.8	4102	944	2.42		0.8	4250	894	2.29
	1.0	3957	982	2.51		1.0	4119	928	2.38
	1.2	3858	1013	2.59		1.2	3987	960	2.46
	1.4	3742	1047	2.68		1.4	3873	1008	2.58
T5	0.2	4628	878	2.45	T5	0.2	4896	802	2.23
	0.4	4516	912	2.54		0.4	4771	839	2.34
	0.6	4402	945	2.63		0.6	4646	878	2.45
	0.8	4295	978	2.72		0.8	4510	915	2.55
	1.0	4186	1011	2.82		1.0	4378	950	2.65
	1.2	4076	1042	2.90		1.2	4242	992	2.76
	1.4	3969	1073	2.99		1.4	4093	1035	2.88
T6	0.2	2516	564	0.56	T6	0.2	2648	517	0.51
	0.4	2340	621	0.62		0.4	2434	583	0.58
	0.6	2188	677	0.67		0.6	2208	647	0.64
	0.8	-	-	-		0.8	1933	741	0.74
	1.0	-	-	-		1.0	-	-	-
	1.2	-	-	-		1.2	-	-	-
	1.4	-	-	-		1.4	-	-	-
T7	0.2	3329	682	1.08	T7	0.2	3582	622	0.98
	0.4	3186	728	1.15		0.4	3436	666	1.05
	0.6	3056	770	1.22		0.6	3206	812	1.28
	0.8	2852	823	1.30		0.8	2978	785	1.24
	1.0	2679	876	1.38		1.0	2769	842	1.33
	1.2	2500	911	1.44		1.2	2454	913	1.44
	1.4	2290	959	1.51		1.4	2144	957	1.51
T8	0.2	4018	786	1.70	T8	0.2	4359	712	1.54
	0.4	3911	823	1.78		0.4	4170	749	1.62
	0.6	3776	862	1.87		0.6	4044	821	1.78
	0.8	3674	899	1.95		0.8	3910	842	1.82
	1.0	3529	973	2.1		1.0	3732	890	1.93
	1.2	3391	975	2.11		1.2	3574	945	2.0
	1.4	3222	1014	2.20		1.4	3379	977	2.1
T9	0.2	4343	835	2.07	T9	0.2	4707	754	1.87
	0.4	4237	869	2.16		0.4	4534	792	1.97
	0.6	4109	905	2.25		0.6	4425	828	2.05
	0.8	4022	938	2.33		0.8	4306	877	2.18
	1.0	3530	973	2.41		1.0	4102	919	2.28
	1.2	3771	1008	2.50		1.2	4026	954	2.37
	1.4	3639	1038	2.57		1.4	3925	995	2.47
T10	0.2	4628	878	2.45	T10	0.2	5018	794	2.21
	0.4	4516	912	2.54		0.4	4884	834	2.32
	0.6	4402	945	2.63		0.6	4750	875	2.44
	0.8	4295	978	2.72		0.8	4613	912	2.54
	1.0	4186	1011	2.82		1.0	4481	950	2.65
	1.2	4076	1042	2.90		1.2	4339	990	2.76
	1.4	3969	1073	2.99		1.4	4187	1030	2.87

10 Ton • 240 MBH Gas Heat Exchanger • High Static Direct Drive

Models: DRG1203WH, DRG1204WH, DRG1207WH

DOWN FLOW					HORIZONTAL FLOW				
SPEED TAP	ESP	CFM	RPM	BHP	SPEED TAP	ESP	CFM	RPM	BHP
T1	0.2	2248	535	0.44	T1	0.2	2312	493	0.40
	0.4	-	-	-		0.4	-	-	-
	0.6	-	-	-		0.6	-	-	-
	0.8	-	-	-		0.8	-	-	-
	1.0	-	-	-		1.0	-	-	-
	1.2	-	-	-		1.2	-	-	-
	1.4	-	-	-		1.4	-	-	-
	1.6	-	-	-		1.6	-	-	-
	1.8	-	-	-		1.8	-	-	-
	2.0	-	-	-		2.0	-	-	-
T2	0.2	3814	761	1.35	T2	0.2	3815	680	1.21
	0.4	3709	802	1.42		0.4	3705	721	1.28
	0.6	3534	839	1.49		0.6	3514	777	1.38
	0.8	3399	887	1.57		0.8	3367	823	1.46
	1.0	3265	919	1.63		1.0	3222	867	1.54
	1.2	3012	967	1.72		1.2	2937	938	1.66
	1.4	2779	1027	1.82		1.4	2670	1004	1.78
	1.6	2643	1042	1.85		1.6	2522	1040	1.84
	1.8	2509	1060	1.88		1.8	2375	1072	1.90
	2.0	2383	1120	1.99		2.0	2222	1107	1.96
T3	0.2	3814	761	1.35	T3	0.2	3815	680	1.21
	0.4	3709	802	1.42		0.4	3705	721	1.28
	0.6	3534	839	1.49		0.6	3514	777	1.38
	0.8	3399	887	1.57		0.8	3367	823	1.46
	1.0	3265	919	1.63		1.0	3222	867	1.54
	1.2	3012	967	1.72		1.2	-	-	-
	1.4	-	-	-		1.4	-	-	-
	1.6	-	-	-		1.6	-	-	-
	1.8	-	-	-		1.8	-	-	-
	2.0	-	-	-		2.0	-	-	-
T4	0.2	4790	914	2.55	T4	0.2	4915	830	2.31
	0.4	4674	948	2.64		0.4	4789	872	2.43
	0.6	4565	982	2.74		0.6	4659	905	2.52
	0.8	4440	1013	2.82		0.8	4533	959	2.67
	1.0	4321	1046	2.91		1.0	4420	980	2.73
	1.2	4211	1076	3.00		1.2	4278	1050	2.93
	1.4	4094	1104	3.08		1.4	4139	1055	2.94
	1.6	3988	1135	3.16		1.6	4024	1145	3.19
	1.8	3884	1163	3.24		1.8	3892	1125	3.13
	2.0	3770	1192	3.32		2.0	3778	1150	3.20
T5	0.2	4976	948	2.83	T5	0.2	-	-	-
	0.4	4866	979	2.93		0.4	4972	891	2.66
	0.6	4763	1010	3.02		0.6	4843	925	2.76
	0.8	4634	1040	3.11		0.8	4720	964	2.88
	1.0	4520	1071	3.20		1.0	4607	1002	2.99
	1.2	4408	1099	3.28		1.2	4471	1036	3.09
	1.4	4288	1128	3.37		1.4	4338	1070	3.20
	1.6	4187	1157	3.46		1.6	4223	1105	3.30
	1.8	4078	1182	3.53		1.8	4095	1140	3.41
	2.0	3976	1214	3.63		2.0	3983	1170	3.50
T6	0.2	3158	668	0.92	T6	0.2	3265	605	0.83
	0.4	3033	713	0.98		0.4	3112	661	0.91
	0.6	2830	761	1.05		0.6	2944	713	0.98
	0.8	2693	809	1.12		0.8	2759	766	1.06
	1.0	2457	864	1.19		1.0	2540	834	1.15
	1.2	-	-	-		1.2	2250	898	1.24
	1.4	-	-	-		1.4	-	-	-
	1.6	-	-	-		1.6	-	-	-
	1.8	-	-	-		1.8	-	-	-
	2.0	-	-	-		2.0	-	-	-

10 Ton • 240 MBH Gas Heat Exchanger • High Static Direct Drive

Models: DRG1203WH, DRG1204WH, DRG1207WH

DOWN FLOW					HORIZONTAL FLOW				
SPEED TAP	ESP	CFM	RPM	BHP	SPEED TAP	ESP	CFM	RPM	BHP
T7	0.2	3926	777	1.46	T7	0.2	3932	685	1.29
	0.4	3816	817	1.54		0.4	3813	730	1.38
	0.6	3651	855	1.61		0.6	3645	782	1.47
	0.8	3520	900	1.70		0.8	3511	829	1.56
	1.0	3387	933	1.76		1.0	3357	879	1.66
	1.2	3162	978	1.84		1.2	3137	941	1.77
	1.4	2953	1032	1.95		1.4	2982	998	1.88
	1.6	2820	1051	1.98		1.6	2729	1048	1.98
	1.8	2694	1072	2.02		1.8	2521	1095	2.07
	2.0	2566	1125	2.12		2.0	2372	1127	2.13
T8	0.2	4420	851	2.04	T8	0.2	4542	765	1.83
	0.4	4301	890	2.13		0.4	4402	809	1.94
	0.6	4173	927	2.22		0.6	4283	851	2.04
	0.8	4049	963	2.30		0.8	4162	893	2.14
	1.0	3923	997	2.39		1.0	4027	934	2.24
	1.2	3788	1032	2.47		1.2	3927	977	2.34
	1.4	3652	1066	2.55		1.4	3761	1017	2.43
	1.6	3535	1096	2.62		1.6	3596	1073	2.57
	1.8	3430	1125	2.69		1.8	3376	1110	2.66
	2.0	3302	1157	2.77		2.0	3089	1165	2.79
T9	0.2	4973	947	3.02	T9	0.2	5135	840	2.62
	0.4	4862	978	3.12		0.4	5018	884	2.76
	0.6	4760	1010	3.22		0.6	4882	916	2.86
	0.8	4629	1039	3.31		0.8	4780	957	2.99
	1.0	4509	1067	3.40		1.0	4670	992	3.09
	1.2	4402	1098	3.50		1.2	4535	1031	3.22
	1.4	4287	1128	3.60		1.4	4464	1075	3.35
	1.6	4181	1156	3.69		1.6	4305	1109	3.46
	1.8	4069	1184	3.78		1.8	4188	1154	3.60
	2.0	3972	1214	3.87		2.0	4102	1128	3.52
T10	0.2	5486	1024	3.94	T10	0.2	5656	926	3.56
	0.4	5379	1069	4.11		0.4	5524	956	3.67
	0.6	5276	1093	4.20		0.6	5386	985	3.78
	0.8	5157	1107	4.26		0.8	5281	1019	3.92
	1.0	5049	1140	4.38		1.0	5155	1049	4.03
	1.2	4938	1164	4.47		1.2	5040	1083	4.16
	1.4	4824	1190	4.57		1.4	4940	1117	4.29
	1.6	4720	1219	4.68		1.6	4800	1148	4.41
	1.8	4609	1246	4.79		1.8	4678	1188	4.57
	2.0	4509	1273	4.89		2.0	4557	1209	4.65

12.5 Ton • 130 MBH Gas Heat Exchanger • Standard Static Direct Drive

Models: DRG1503DL, DRG1504DL, DRG1507DL

DOWN FLOW				
SPEED TAP	ESP	CFM	RPM	BHP
T1	0.2	2377	559	0.52
	0.4	-	-	-
	0.6	-	-	-
	0.8	-	-	-
T2	0.2	3178	662	0.93
	0.4	3007	705	0.99
	0.6	2856	751	1.05
	0.8	2533	822	1.16
T3	0.2	3944	784	1.59
	0.4	3783	823	1.67
	0.6	-	-	-
	0.8	-	-	-
T4	0.2	4435	842	2.08
	0.4	4287	886	2.19
	0.6	4153	922	2.28
	0.8	4025	952	2.36
T5	0.2	4719	897	2.50
	0.4	4587	929	2.59
	0.6	4458	962	2.68
	0.8	4329	993	2.77
T6	0.2	1828	480	0.30
	0.4	1418	565	0.35
	0.6	-	-	-
	0.8	-	-	-
T7	0.2	2150	527	0.42
	0.4	1867	601	0.48
	0.6	1628	666	0.53
	0.8	1400	724	0.58
T8	0.2	2454	570	0.56
	0.4	2253	635	0.62
	0.6	2022	698	0.68
	0.8	-	-	-
T9	0.2	2634	596	0.64
	0.4	2464	655	0.71
	0.6	2245	716	0.77
	0.8	1963	785	0.85
T10	0.2	2801	625	0.74
	0.4	2646	676	0.81
	0.6	2488	730	0.87
	0.8	2145	805	0.96

HORIZONTAL FLOW				
SPEED TAP	ESP	CFM	RPM	BHP
T1	0.2	2478	525	0.49
	0.4	-	-	-
	0.6	-	-	-
	0.8	-	-	-
T2	0.2	3261	616	0.87
	0.4	3134	667	0.94
	0.6	3011	717	1.01
	0.8	2786	779	1.09
T3	0.2	4019	720	1.46
	0.4	3926	756	1.53
	0.6	3807	805	1.63
	0.8	-	-	-
T4	0.2	4484	786	1.95
	0.4	4364	830	2.05
	0.6	4287	863	2.14
	0.8	4194	899	2.23
T5	0.2	4777	830	2.31
	0.4	4680	865	2.41
	0.6	4581	901	2.51
	0.8	4485	934	2.60
T6	0.2	1946	462	0.29
	0.4	1869	607	0.38
	0.6	-	-	-
	0.8	-	-	-
T7	0.2	2256	499	0.40
	0.4	1980	532	0.43
	0.6	1756	654	0.52
	0.8	1432	725	0.58
T8	0.2	2552	534	0.52
	0.4	2287	549	0.54
	0.6	2199	672	0.65
	0.8	1853	746	0.73
T9	0.2	2728	556	0.60
	0.4	2519	587	0.63
	0.6	2428	683	0.74
	0.8	2154	755	0.82
T10	0.2	2900	577	0.69
	0.4	2744	638	0.76
	0.6	2586	702	0.84
	0.8	2435	756	0.90

12.5 Ton • 130 MBH Gas Heat Exchanger • Medium Static Direct Drive

Models: DRG1503LL, DRG1504LL, DRG1507LL

DOWN FLOW					HORIZONTAL FLOW				
SPEED TAP	ESP	CFM	RPM	BHP	SPEED TAP	ESP	CFM	RPM	BHP
T1	0.2	2377	559	0.52	T1	0.2	2478	525	0.49
	0.4	-	-	-		0.4	-	-	-
	0.6	-	-	-		0.6	-	-	-
	0.8	-	-	-		0.8	-	-	-
	1.0	-	-	-		1.0	-	-	-
	1.2	-	-	-		1.2	-	-	-
	1.4	-	-	-		1.4	-	-	-
T2	0.2	3655	740	1.32	T2	0.2	3743	682	1.22
	0.4	3495	782	1.40		0.4	3661	715	1.28
	0.6	3361	820	1.46		0.6	3519	772	1.38
	0.8	3231	857	1.53		0.8	3457	814	1.45
	1.0	2967	915	1.63		1.0	3294	858	1.53
	1.2	2685	969	1.73		1.2	3051	924	1.65
T3	0.2	3944	784	1.59	T3	0.2	4019	720	1.46
	0.4	3783	823	1.67		0.4	3926	756	1.53
	0.6	-	-	-		0.6	3807	805	1.63
	0.8	-	-	-		0.8	-	-	-
	1.0	-	-	-		1.0	-	-	-
	1.2	-	-	-		1.2	-	-	-
T4	0.2	4536	878	2.30	T4	0.2	4609	807	2.11
	0.4	4407	910	2.38		0.4	4517	843	2.21
	0.6	4304	939	2.46		0.6	4424	882	2.31
	0.8	4176	974	2.55		0.8	4323	915	2.40
	1.0	4066	1004	2.63		1.0	4216	951	2.49
	1.2	3946	1036	2.71		1.2	4115	989	2.59
T5	0.2	4719	897	2.50	T5	0.2	4777	830	2.31
	0.4	4587	929	2.59		0.4	4680	865	2.41
	0.6	4458	962	2.68		0.6	4581	901	2.51
	0.8	4329	993	2.77		0.8	4485	934	2.60
	1.0	4211	1025	2.86		1.0	4387	970	2.70
	1.2	4087	1057	2.94		1.2	4285	1005	2.80
T6	0.2	3975	1087	3.03	T6	0.2	4184	1039	2.89
	0.4	2072	515	0.39		0.4	2181	490	0.37
	0.6	1763	592	0.45		0.6	1930	540	0.41
	0.8	1524	658	0.50		0.8	1632	649	0.49
	1.0	-	-	-		1.0	1355	719	0.54
	1.2	-	-	-		1.2	-	-	-
T7	0.2	2712	607	0.69	T7	0.2	2806	565	0.64
	0.4	2553	665	0.75		0.4	2623	608	0.69
	0.6	2339	724	0.82		0.6	2520	688	0.78
	0.8	2056	793	0.90		0.8	2285	758	0.86
	1.0	1860	839	0.95		1.0	2051	818	0.93
	1.2	1712	895	1.01		1.2	1803	886	1.00
T8	0.2	1479	904	1.02	T8	0.2	1651	957	1.08
	0.4	2940	640	0.82		0.4	3033	593	0.76
	0.6	2797	691	0.88		0.6	2898	651	0.83
	0.8	2603	746	0.95		0.8	2749	702	0.90
	1.0	2325	813	1.04		1.0	2619	766	0.98
	1.2	2109	864	1.1		1.2	2313	815	1.04
T9	0.2	1975	914	1.17	T9	0.2	2042	873	1.1
	0.4	1797	944	1.21		0.4	1798	909	1.2
	0.6	3281	688	1.04		0.6	3379	636	0.96
	0.8	3136	733	1.11		0.8	3177	687	1.04
	1.0	2976	779	1.18		1.0	3045	725	1.10
	1.2	2731	838	1.27		1.2	2914	782	1.19
T10	0.2	2505	892	1.35	T10	0.2	2687	819	1.24
	0.4	2356	933	1.41		0.4	2461	867	1.31
	0.6	2107	944	1.43		0.6	2235	933	1.41
	0.8	3586	732	1.28		0.8	3697	677	1.19
	1.0	3419	772	1.35		1.0	3487	722	1.27
	1.2	3288	811	1.42		1.2	3346	758	1.33
T10	0.2	3089	858	1.50	T10	0.2	3228	812	1.42
	0.4	2878	909	1.59		0.4	3136	862	1.51
	0.6	2754	948	1.66		0.6	2969	911	1.60
	0.8	2404	1009	1.77		0.8	2739	979	1.72
	1.0	-	-	-		1.0	-	-	-
	1.2	-	-	-		1.2	-	-	-

12.5 Ton • 130 MBH Gas Heat Exchanger • High Static Direct Drive

Models: DRG1503WL, DRG1504WL, DRG1507WL

DOWN FLOW					HORIZONTAL FLOW				
SPEED TAP	ESP	CFM	RPM	BHP	SPEED TAP	ESP	CFM	RPM	BHP
T1	0.2	2511	639	0.63	T1	0.2	2735	543	0.54
	0.4	-	-	-		0.4	2600	606	0.60
	0.6	-	-	-		0.6	-	-	-
	0.8	-	-	-		0.8	-	-	-
	1.0	-	-	-		1.0	-	-	-
	1.2	-	-	-		1.2	-	-	-
	1.4	-	-	-		1.4	-	-	-
	1.6	-	-	-		1.6	-	-	-
	1.8	-	-	-		1.8	-	-	-
	2.0	-	-	-		2.0	-	-	-
T2	0.2	3737	894	1.97	T2	0.2	4297	761	1.68
	0.4	3699	919	2.03		0.4	4168	801	1.76
	0.6	3604	952	2.10		0.6	4081	844	1.86
	0.8	3476	990	2.18		0.8	4030	856	1.89
	1.0	3276	1035	2.28		1.0	3939	926	2.04
	1.2	3052	1082	2.38		1.2	3789	966	2.13
	1.4	2890	1120	2.47		1.4	3553	1033	2.27
	1.6	2738	1154	2.54		1.6	3290	1090	2.40
	1.8	2584	1186	2.61		1.8	3097	1158	2.55
	2.0	2499	1207	2.66		2.0	2906	1192	2.63
T3	0.2	3953	863	1.80	T3	0.2	4165	735	1.53
	0.4	3837	903	1.88		0.4	4089	772	1.61
	0.6	-	-	-		0.6	3985	824	1.72
	0.8	-	-	-		0.8	-	-	-
	1.0	-	-	-		1.0	-	-	-
	1.2	-	-	-		1.2	-	-	-
	1.4	-	-	-		1.4	-	-	-
	1.6	-	-	-		1.6	-	-	-
	1.8	-	-	-		1.8	-	-	-
	2.0	-	-	-		2.0	-	-	-
T4	0.2	4964	1024	3.47	T4	0.2	5300	888	3.01
	0.4	4909	1046	3.55		0.4	5215	918	3.12
	0.6	4808	1079	3.66		0.6	5121	951	3.23
	0.8	4764	1096	3.72		0.8	5044	979	3.32
	1.0	4626	1123	3.81		1.0	4957	1015	3.44
	1.2	4507	1167	3.96		1.2	4861	1040	3.53
	1.4	4409	1207	4.10		1.4	4769	1082	3.67
	1.6	4137	1257	4.26		1.6	4665	1099	3.73
	1.8	3878	1311	4.45		1.8	4563	1150	3.90
	2.0	3835	1332	4.52		2.0	4455	1181	4.01
T5	0.2	5128	1078	3.88	T5	0.2	5478	900	3.05
	0.4	5061	1102	3.96		0.4	5390	936	3.17
	0.6	4965	1131	4.07		0.6	5309	971	3.29
	0.8	4899	1154	4.15		0.8	5216	1003	3.40
	1.0	4779	1182	4.25		1.0	5127	1036	3.52
	1.2	4668	1214	4.37		1.2	5046	1067	3.62
	1.4	4583	1242	4.47		1.4	4954	1096	3.72
	1.6	4367	1283	4.61		1.6	4872	1128	3.83
	1.8	4137	1330	4.78		1.8	4794	1156	3.92
	2.0	4015	1356	4.88		2.0	4681	1188	4.03
T6	0.2	2308	613	0.61	T6	0.2	2644	545	0.54
	0.4	2028	682	0.68		0.4	2483	620	0.61
	0.6	1744	739	0.73		0.6	2299	683	0.68
	0.8	1619	784	0.78		0.8	1979	773	0.77
	1.0	-	-	-		1.0	1758	817	0.81
	1.2	-	-	-		1.2	1558	877	0.87
	1.4	-	-	-		1.4	1448	920	0.91
	1.6	-	-	-		1.6	-	-	-
	1.8	-	-	-		1.8	-	-	-
	2.0	-	-	-		2.0	-	-	-

12.5 Ton • 130 MBH Gas Heat Exchanger • High Static Direct Drive

Models: DRG1503WL, DRG1504WL, DRG1507WL

DOWN FLOW					HORIZONTAL FLOW				
SPEED TAP	ESP	CFM	RPM	BHP	SPEED TAP	ESP	CFM	RPM	BHP
T7	0.2	-	-	-	T7	0.2	-	-	-
	0.4	2903	798	1.24		0.4	-	-	-
	0.6	2673	845	1.31		0.6	-	-	-
	0.8	2525	888	1.37		0.8	-	-	-
	1.0	2282	933	1.44		1.0	-	-	-
	1.2	1982	972	1.50		1.2	2716	928	1.44
	1.4	1803	1007	1.56		1.4	2495	989	1.53
	1.6	1671	1031	1.60		1.6	2298	1033	1.60
	1.8	1475	1065	1.65		1.8	2137	1076	1.66
	2.0	1335	1097	1.70		2.0	2078	1101	1.70
T8	0.2	3136	755	1.22	T8	0.2	3602	665	1.08
	0.4	3006	812	1.32		0.4	3491	707	1.15
	0.6	2794	858	1.39		0.6	3379	759	1.23
	0.8	2632	901	1.46		0.8	3205	818	1.33
	1.0	2409	945	1.53		1.0	3052	874	1.42
	1.2	2114	984	1.59		1.2	2852	932	1.51
	1.4	1963	1025	1.66		1.4	2617	995	1.61
	1.6	1854	1046	1.70		1.6	2401	1045	1.69
	1.8	-	-	-		1.8	2234	1092	1.77
	2.0	-	-	-		2.0	2196	1112	1.80
T9	0.2	3308	785	1.39	T9	0.2	3793	691	1.22
	0.4	3202	839	1.48		0.4	3667	731	1.29
	0.6	3028	883	1.56		0.6	3566	780	1.38
	0.8	2838	925	1.63		0.8	3441	827	1.46
	1.0	2655	967	1.71		1.0	3306	887	1.57
	1.2	2380	1007	1.78		1.2	3114	939	1.66
	1.4	2257	1056	1.86		1.4	2858	1006	1.78
	1.6	2164	1076	1.90		1.6	2608	1066	1.88
	1.8	1994	1113	1.97		1.8	2426	1123	1.98
	2.0	1914	1139	2.01		2.0	2404	1132	2.00
T10	0.2	3472	814	1.56	T10	0.2	-	-	-
	0.4	3384	865	1.65		0.4	3835	756	1.44
	0.6	3244	907	1.73		0.6	3741	801	1.53
	0.8	3032	948	1.81		0.8	3656	835	1.60
	1.0	2886	989	1.89		1.0	3536	900	1.72
	1.2	2639	1029	1.97		1.2	3355	947	1.81
	1.4	2515	1083	2.07		1.4	3092	1015	1.94
	1.6	2411	1105	2.11		1.6	2821	1080	2.06
	1.8	2255	1141	2.18		1.8	2627	1152	2.20
	2.0	2192	1165	2.22		2.0	2584	1152	2.20

12.5 Ton • 180 MBH Gas Heat Exchanger • Standard Static Direct Drive

Models: DRG1503DM, DRG1504DM, DRG1507DM

DOWN FLOW				
SPEED TAP	ESP	CFM	RPM	BHP
T1	0.2	2377	559	0.52
	0.4	-	-	-
	0.6	-	-	-
	0.8	-	-	-
T2	0.2	3178	662	0.93
	0.4	3007	705	0.99
	0.6	2856	751	1.05
	0.8	2533	822	1.16
T3	0.2	3944	784	1.59
	0.4	3783	823	1.67
	0.6	-	-	-
	0.8	-	-	-
T4	0.2	4435	842	2.08
	0.4	4287	886	2.19
	0.6	4153	922	2.28
	0.8	4025	952	2.36
T5	0.2	4719	897	2.50
	0.4	4587	929	2.59
	0.6	4458	962	2.68
	0.8	4329	993	2.77
T6	0.2	2072	515	0.39
	0.4	-	-	-
	0.6	-	-	-
	0.8	-	-	-
T7	0.2	2634	596	0.64
	0.4	2464	655	0.71
	0.6	2245	716	0.77
	0.8	1963	785	0.85
T8	0.2	3004	649	0.86
	0.4	2863	699	0.92
	0.6	2675	752	0.99
	0.8	-	-	-
T9	0.2	3250	684	1.02
	0.4	3106	729	1.09
	0.6	2943	776	1.16
	0.8	2694	836	1.25
T10	0.2	3474	714	1.19
	0.4	3314	759	1.27
	0.6	3178	799	1.33
	0.8	3035	841	1.40

HORIZONTAL FLOW				
SPEED TAP	ESP	CFM	RPM	BHP
T1	0.2	2478	525	0.49
	0.4	-	-	-
	0.6	-	-	-
	0.8	-	-	-
T2	0.2	3261	616	0.87
	0.4	3134	667	0.94
	0.6	3011	717	1.01
	0.8	2786	779	1.09
T3	0.2	4019	720	1.46
	0.4	3926	756	1.53
	0.6	3807	805	1.63
	0.8	-	-	-
T4	0.2	4484	786	1.95
	0.4	4364	830	2.05
	0.6	4287	863	2.14
	0.8	4194	899	2.23
T5	0.2	4777	830	2.31
	0.4	4680	865	2.41
	0.6	4581	901	2.51
	0.8	4485	934	2.60
T6	0.2	2181	490	0.37
	0.4	1930	540	0.41
	0.6	-	-	-
	0.8	-	-	-
T7	0.2	2728	556	0.60
	0.4	2519	587	0.63
	0.6	2428	683	0.74
	0.8	2154	755	0.82
T8	0.2	3097	601	0.79
	0.4	2961	712	0.94
	0.6	2776	707	0.93
	0.8	2632	763	1.01
T9	0.2	3347	632	0.94
	0.4	3147	684	1.02
	0.6	3015	723	1.08
	0.8	2882	780	1.16
T10	0.2	3605	663	1.10
	0.4	3377	708	1.18
	0.6	3240	746	1.24
	0.8	3121	801	1.34

12.5 Ton • 180 MBH Gas Heat Exchanger • Medium Static Direct Drive

Models: DRG1503LM, DRG1504LM, DRG1507LM

DOWN FLOW					HORIZONTAL FLOW				
SPEED TAP	ESP	CFM	RPM	BHP	SPEED TAP	ESP	CFM	RPM	BHP
T1	0.2	2377	559	0.52	T1	0.2	2478	525	0.49
	0.4	-	-	-		0.4	-	-	-
	0.6	-	-	-		0.6	-	-	-
	0.8	-	-	-		0.8	-	-	-
	1.0	-	-	-		1.0	-	-	-
	1.2	-	-	-		1.2	-	-	-
	1.4	-	-	-		1.4	-	-	-
T2	0.2	3655	740	1.32	T2	0.2	3743	682	1.22
	0.4	3495	782	1.40		0.4	3661	715	1.28
	0.6	3361	820	1.46		0.6	3519	772	1.38
	0.8	3231	857	1.53		0.8	3457	814	1.45
	1.0	2967	915	1.63		1.0	3294	858	1.53
	1.2	2685	969	1.73		1.2	3051	924	1.65
T3	0.2	3944	784	1.59	T3	0.2	4019	720	1.46
	0.4	3783	823	1.67		0.4	3926	756	1.53
	0.6	-	-	-		0.6	3807	805	1.63
	0.8	-	-	-		0.8	-	-	-
	1.0	-	-	-		1.0	-	-	-
	1.2	-	-	-		1.2	-	-	-
T4	0.2	4536	878	2.30	T4	0.2	4609	807	2.11
	0.4	4407	910	2.38		0.4	4517	843	2.21
	0.6	4304	939	2.46		0.6	4424	882	2.31
	0.8	4176	974	2.55		0.8	4323	915	2.40
	1.0	4066	1004	2.63		1.0	4216	951	2.49
	1.2	3946	1036	2.71		1.2	4115	989	2.59
T5	0.2	4719	897	2.50	T5	0.2	4777	830	2.31
	0.4	4587	929	2.59		0.4	4680	865	2.41
	0.6	4458	962	2.68		0.6	4581	901	2.51
	0.8	4329	993	2.77		0.8	4485	934	2.60
	1.0	4211	1025	2.86		1.0	4387	970	2.70
	1.2	4087	1057	2.94		1.2	4285	1005	2.80
T6	0.2	3975	1087	3.03	T6	0.2	4184	1039	2.89
	0.2	2379	559	0.52		0.2	2478	525	0.49
	0.4	2161	626	0.58		0.4	2198	539	0.50
	0.6	1927	690	0.64		0.6	2096	668	0.62
	0.8	-	-	-		0.8	-	-	-
	1.0	-	-	-		1.0	-	-	-
T7	0.2	3161	672	0.96	T7	0.2	3256	621	0.89
	0.4	2995	722	1.03		0.4	3060	673	0.96
	0.6	2866	762	1.09		0.6	2927	713	1.02
	0.8	2551	840	1.20		0.8	2787	773	1.10
	1.0	2392	878	1.25		1.0	2516	807	1.15
	1.2	2198	923	1.32		1.2	2205	837	1.20
T8	0.2	2034	961	1.37	T8	0.2	2046	919	1.31
	0.2	3310	692	1.06		0.2	3409	640	0.98
	0.4	3163	736	1.13		0.4	3206	690	1.06
	0.6	3006	782	1.20		0.6	3073	727	1.12
	0.8	2765	840	1.29		0.8	2943	785	1.21
	1.0	2540	894	1.37		1.0	2731	823	1.26
T9	1.2	-	-	-	T9	1.2	2519	873	1.3
	1.4	-	-	-		1.4	-	-	-
	0.2	3586	732	1.28		0.2	3697	677	1.19
	0.4	3419	772	1.35		0.4	3487	722	1.27
	0.6	3288	811	1.42		0.6	3346	758	1.33
	0.8	3089	858	1.50		0.8	3228	812	1.42
T10	1.0	2878	909	1.59	T10	1.0	3136	862	1.51
	1.2	2754	948	1.66		1.2	2969	911	1.60
	1.4	-	-	-		1.4	2739	979	1.72
	0.2	3834	767	1.51		0.2	3963	713	1.40
	0.4	3647	805	1.59		0.4	3752	752	1.48
	0.6	3528	839	1.65		0.6	3607	787	1.55
	0.8	3369	876	1.73		0.8	3497	839	1.65
	1.0	3183	923	1.82		1.0	3398	881	1.74
	1.2	3149	962	1.90		1.2	3217	925	1.82
	1.4	2667	1024	2.02		1.4	3004	994	1.96

12.5 Ton • 180 MBH Gas Heat Exchanger • High Static Direct Drive

Models: DRG1503WM, DRG1504WM, DRG1507WM

DOWN FLOW					HORIZONTAL FLOW				
SPEED TAP	ESP	CFM	RPM	BHP	SPEED TAP	ESP	CFM	RPM	BHP
T1	0.2	2511	639	0.63	T1	0.2	2735	543	0.54
	0.4	-	-	-		0.4	2600	606	0.60
	0.6	-	-	-		0.6	-	-	-
	0.8	-	-	-		0.8	-	-	-
	1.0	-	-	-		1.0	-	-	-
	1.2	-	-	-		1.2	-	-	-
	1.4	-	-	-		1.4	-	-	-
	1.6	-	-	-		1.6	-	-	-
	1.8	-	-	-		1.8	-	-	-
	2.0	-	-	-		2.0	-	-	-
T2	0.2	3737	894	1.97	T2	0.2	4297	761	1.68
	0.4	3699	919	2.03		0.4	4168	801	1.76
	0.6	3604	952	2.10		0.6	4081	844	1.86
	0.8	3476	990	2.18		0.8	4030	856	1.89
	1.0	3276	1035	2.28		1.0	3939	926	2.04
	1.2	3052	1082	2.38		1.2	3789	966	2.13
	1.4	2890	1120	2.47		1.4	3553	1033	2.27
	1.6	2738	1154	2.54		1.6	3290	1090	2.40
	1.8	2584	1186	2.61		1.8	3097	1158	2.55
	2.0	2499	1207	2.66		2.0	2906	1192	2.63
T3	0.2	3953	863	1.80	T3	0.2	4165	735	1.53
	0.4	3837	903	1.88		0.4	4089	772	1.61
	0.6	-	-	-		0.6	3985	824	1.72
	0.8	-	-	-		0.8	-	-	-
	1.0	-	-	-		1.0	-	-	-
	1.2	-	-	-		1.2	-	-	-
	1.4	-	-	-		1.4	-	-	-
	1.6	-	-	-		1.6	-	-	-
	1.8	-	-	-		1.8	-	-	-
	2.0	-	-	-		2.0	-	-	-
T4	0.2	4964	1024	3.47	T4	0.2	5300	888	3.01
	0.4	4909	1046	3.55		0.4	5215	918	3.12
	0.6	4808	1079	3.66		0.6	5121	951	3.23
	0.8	4764	1096	3.72		0.8	5044	979	3.32
	1.0	4626	1123	3.81		1.0	4957	1015	3.44
	1.2	4507	1167	3.96		1.2	4861	1040	3.53
	1.4	4409	1207	4.10		1.4	4769	1082	3.67
	1.6	4137	1257	4.26		1.6	4665	1099	3.73
	1.8	3878	1311	4.45		1.8	4563	1150	3.90
	2.0	3835	1332	4.52		2.0	4455	1181	4.01
T5	0.2	5128	1078	3.88	T5	0.2	5478	900	3.05
	0.4	5061	1102	3.96		0.4	5390	936	3.17
	0.6	4965	1131	4.07		0.6	5309	971	3.29
	0.8	4899	1154	4.15		0.8	5216	1003	3.40
	1.0	4779	1182	4.25		1.0	5127	1036	3.52
	1.2	4668	1214	4.37		1.2	5046	1067	3.62
	1.4	4583	1242	4.47		1.4	4954	1096	3.72
	1.6	4367	1283	4.61		1.6	4872	1128	3.83
	1.8	4137	1330	4.78		1.8	4794	1156	3.92
	2.0	4015	1356	4.88		2.0	4681	1188	4.03
T6	0.2	2642	670	0.83	T6	0.2	3038	593	0.73
	0.4	2424	734	0.91		0.4	2944	646	0.80
	0.6	2138	787	0.97		0.6	2790	708	0.87
	0.8	2032	831	1.03		0.8	2484	795	0.98
	1.0	-	-	-		1.0	2287	839	1.03
	1.2	-	-	-		1.2	2082	906	1.12
	1.4	-	-	-		1.4	1935	956	1.18
	1.6	-	-	-		1.6	-	-	-
	1.8	-	-	-		1.8	-	-	-
	2.0	-	-	-		2.0	-	-	-

12.5 Ton • 180 MBH Gas Heat Exchanger • High Static Direct Drive

Models: DRG1503WM, DRG1504WM, DRG1507WM

DOWN FLOW					HORIZONTAL FLOW				
SPEED TAP	ESP	CFM	RPM	BHP	SPEED TAP	ESP	CFM	RPM	BHP
T7	0.2	3338	800	1.43	T7	0.2	3805	695	1.24
	0.4	3257	846	1.51		0.4	3702	740	1.32
	0.6	3135	889	1.59		0.6	3604	785	1.40
	0.8	2997	928	1.66		0.8	3490	833	1.49
	1.0	2772	977	1.75		1.0	3390	879	1.57
	1.2	2524	1027	1.83		1.2	3220	935	1.67
	1.4	2381	1057	1.89		1.4	2939	1006	1.80
	1.6	2249	1086	1.94		1.6	2663	1072	1.91
	1.8	2096	1121	2.00		1.8	2474	1119	2.00
T8	2.0	2026	1147	2.05		2.0	2431	1134	2.03
	0.2	3731	860	1.85	T8	0.2	4243	753	1.62
	0.4	3658	907	1.95		0.4	4111	794	1.71
	0.6	3568	945	2.03		0.6	4023	836	1.80
	0.8	3334	985	2.12		0.8	3970	852	1.83
	1.0	3233	1023	2.20		1.0	3875	921	1.98
	1.2	3041	1063	2.29		1.2	3719	962	2.07
	1.4	2883	1118	2.41		1.4	3475	1030	2.22
	1.6	2729	1147	2.47		1.6	3204	1090	2.35
	1.8	2587	1180	2.54		1.8	3009	1171	2.52
T9	2.0	2525	1203	2.59		2.0	2852	1185	2.55
	0.2	3877	887	2.04	T9	0.2	4392	774	1.78
	0.4	3804	930	2.14		0.4	4274	814	1.87
	0.6	3734	966	2.22		0.6	4186	857	1.97
	0.8	3502	1005	2.31		0.8	4133	864	1.98
	1.0	3416	1042	2.39		1.0	4050	934	2.15
	1.2	3255	1082	2.49		1.2	3912	974	2.24
	1.4	3070	1135	2.61		1.4	3695	1037	2.38
	1.6	2883	1168	2.68		1.6	3449	1089	2.50
	1.8	2743	1199	2.75		1.8	3265	1140	2.62
T10	2.0	2669	1223	2.81		2.0	3008	1205	2.77
	0.2	4016	912	2.23	T10	0.2	4530	794	1.94
	0.4	3936	952	2.33		0.4	4433	832	2.03
	0.6	3878	987	2.41		0.6	4343	875	2.14
	0.8	3659	1025	2.50		0.8	4276	878	2.14
	1.0	3577	1060	2.59		1.0	4202	947	2.31
	1.2	3443	1100	2.69		1.2	4083	986	2.41
	1.4	3235	1150	2.81		1.4	3904	1045	2.55
	1.6	3020	1185	2.89		1.6	3697	1085	2.65
	1.8	2878	1215	2.97		1.8	3534	1128	2.75
	2.0	2786	1242	3.03		2.0	3172	1224	2.99

12.5 Ton • 240 MBH Gas Heat Exchanger • Standard Static Direct Drive

Models: DRG1503DH, DRG1504DH, DRG1507DH

DOWN FLOW				
SPEED TAP	ESP	CFM	RPM	BHP
T1	0.2	2377	559	0.52
	0.4	-	-	-
	0.6	-	-	-
	0.8	-	-	-
T2	0.2	3178	662	0.93
	0.4	3007	705	0.99
	0.6	2856	751	1.05
	0.8	2533	822	1.16
T3	0.2	3944	784	1.59
	0.4	3783	823	1.67
	0.6	-	-	-
	0.8	-	-	-
T4	0.2	4435	842	2.08
	0.4	4287	886	2.19
	0.6	4153	922	2.28
	0.8	4025	952	2.36
T5	0.2	4719	897	2.50
	0.4	4587	929	2.59
	0.6	4458	962	2.68
	0.8	4329	993	2.77
T6	0.2	2227	538	0.45
	0.4	-	-	-
	0.6	-	-	-
	0.8	-	-	-
T7	0.2	2737	611	0.70
	0.4	2580	667	0.77
	0.6	2368	726	0.83
	0.8	2085	795	0.91
T8	0.2	3190	675	0.98
	0.4	3049	722	1.05
	0.6	2880	770	1.12
	0.8	-	-	-
T9	0.2	3714	750	1.40
	0.4	3536	788	1.47
	0.6	3412	825	1.54
	0.8	3235	867	1.61
T10	0.2	4133	809	1.84
	0.4	3953	848	1.93
	0.6	3812	881	2.00
	0.8	3676	912	2.07

HORIZONTAL FLOW				
SPEED TAP	ESP	CFM	RPM	BHP
T1	0.2	2478	525	0.49
	0.4	-	-	-
	0.6	-	-	-
	0.8	-	-	-
T2	0.2	3261	616	0.87
	0.4	3134	667	0.94
	0.6	3011	717	1.01
	0.8	2786	779	1.09
T3	0.2	4019	720	1.46
	0.4	3926	756	1.53
	0.6	3807	805	1.63
	0.8	-	-	-
T4	0.2	4484	786	1.95
	0.4	4364	830	2.05
	0.6	4287	863	2.14
	0.8	4194	899	2.23
T5	0.2	4777	830	2.31
	0.4	4680	865	2.41
	0.6	4581	901	2.51
	0.8	4485	934	2.60
T6	0.2	2330	508	0.43
	0.4	-	-	-
	0.6	-	-	-
	0.8	-	-	-
T7	0.2	2831	568	0.65
	0.4	2655	616	0.71
	0.6	2547	689	0.79
	0.8	2325	759	0.87
T8	0.2	3286	625	0.91
	0.4	3092	677	0.98
	0.6	2952	716	1.04
	0.8	2818	775	1.12
T9	0.2	3833	695	1.29
	0.4	3618	737	1.37
	0.6	3479	771	1.44
	0.8	3366	825	1.54
T10	0.2	4297	759	1.73
	0.4	4107	793	1.80
	0.6	3960	842	1.92
	0.8	3859	876	1.99

12.5 Ton • 240 MBH Gas Heat Exchanger • Medium Static Direct Drive

Models: DRG1503LH, DRG1504LH, DRG1507LH

DOWN FLOW					HORIZONTAL FLOW				
SPEED TAP	ESP	CFM	RPM	BHP	SPEED TAP	ESP	CFM	RPM	BHP
T1	0.2	2377	559	0.52	T1	0.2	2478	525	0.49
	0.4	-	-	-		0.4	-	-	-
	0.6	-	-	-		0.6	-	-	-
	0.8	-	-	-		0.8	-	-	-
	1.0	-	-	-		1.0	-	-	-
	1.2	-	-	-		1.2	-	-	-
	1.4	-	-	-		1.4	-	-	-
T2	0.2	3655	740	1.32	T2	0.2	3743	682	1.22
	0.4	3495	782	1.40		0.4	3661	715	1.28
	0.6	3361	820	1.46		0.6	3519	772	1.38
	0.8	3231	857	1.53		0.8	3457	814	1.45
	1.0	2967	915	1.63		1.0	3294	858	1.53
	1.2	2685	969	1.73		1.2	3051	924	1.65
T3	0.2	3944	784	1.59	T3	0.2	4019	720	1.46
	0.4	3783	823	1.67		0.4	3926	756	1.53
	0.6	-	-	-		0.6	3807	805	1.63
	0.8	-	-	-		0.8	-	-	-
	1.0	-	-	-		1.0	-	-	-
	1.2	-	-	-		1.2	-	-	-
T4	0.2	4536	878	2.30	T4	0.2	4609	807	2.11
	0.4	4407	910	2.38		0.4	4517	843	2.21
	0.6	4304	939	2.46		0.6	4424	882	2.31
	0.8	4176	974	2.55		0.8	4323	915	2.40
	1.0	4066	1004	2.63		1.0	4216	951	2.49
	1.2	3946	1036	2.71		1.2	4115	989	2.59
T5	0.2	4719	897	2.50	T5	0.2	4777	830	2.31
	0.4	4587	929	2.59		0.4	4680	865	2.41
	0.6	4458	962	2.68		0.6	4581	901	2.51
	0.8	4329	993	2.77		0.8	4485	934	2.60
	1.0	4211	1025	2.86		1.0	4387	970	2.70
	1.2	4087	1057	2.94		1.2	4285	1005	2.80
T6	0.2	4719	897	2.50	T6	0.2	4777	830	2.31
	0.4	4587	929	2.59		0.4	4680	865	2.41
	0.6	4458	962	2.68		0.6	4581	901	2.51
	0.8	4329	993	2.77		0.8	4485	934	2.60
	1.0	4211	1025	2.86		1.0	4387	970	2.70
	1.2	4087	1057	2.94		1.2	4285	1005	2.80
T7	0.2	3975	1087	3.03	T7	0.2	4184	1039	2.89
	0.2	2669	601	0.66		0.2	2763	560	0.62
	0.4	2504	659	0.73		0.4	2565	596	0.66
	0.6	2287	719	0.79		0.6	2469	685	0.76
	0.8	-	-	-		0.8	2212	756	0.83
	1.0	-	-	-		1.0	-	-	-
T8	0.2	3310	692	1.06	T8	0.2	3409	640	0.98
	0.4	3163	736	1.13		0.4	3206	690	1.06
	0.6	3006	782	1.20		0.6	3073	727	1.12
	0.8	2765	840	1.29		0.8	2943	785	1.21
	1.0	2540	894	1.37		1.0	2731	823	1.26
	1.2	2390	935	1.44		1.2	2519	873	1.34
T9	0.2	2163	988	1.52	T9	0.2	2284	938	1.44
	0.4	2020	1040	1.60		0.4	2163	988	1.52
	0.6	1887	1092	1.68		0.6	2040	1040	1.60
	0.8	1754	1144	1.76		0.8	1917	1092	1.68
	1.0	1621	1196	1.84		1.0	1794	1144	1.76
	1.2	1488	1248	1.92		1.2	1671	1196	1.84
T10	0.2	1355	1300	2.00	T10	0.2	1500	1250	1.92
	0.4	1222	1352	2.08		0.4	1367	1300	2.00
	0.6	1089	1404	2.16		0.6	1234	1352	2.08
	0.8	956	1456	2.24		0.8	1101	1404	2.16
	1.0	823	1508	2.32		1.0	968	1456	2.24
	1.2	690	1560	2.40		1.2	835	1508	2.32

12.5 Ton • 240 MBH Gas Heat Exchanger • High Static Direct Drive

Models: DRG1503WH, DRG1504WH, DRG1507WH

DOWN FLOW					HORIZONTAL FLOW				
SPEED TAP	ESP	CFM	RPM	BHP	SPEED TAP	ESP	CFM	RPM	BHP
T1	0.2	2511	639	0.63	T1	0.2	2735	543	0.54
	0.4	-	-	-		0.4	2600	606	0.60
	0.6	-	-	-		0.6	-	-	-
	0.8	-	-	-		0.8	-	-	-
	1.0	-	-	-		1.0	-	-	-
	1.2	-	-	-		1.2	-	-	-
	1.4	-	-	-		1.4	-	-	-
	1.6	-	-	-		1.6	-	-	-
	1.8	-	-	-		1.8	-	-	-
	2.0	-	-	-		2.0	-	-	-
T2	0.2	3737	894	1.97	T2	0.2	4297	761	1.68
	0.4	3699	919	2.03		0.4	4168	801	1.76
	0.6	3604	952	2.10		0.6	4081	844	1.86
	0.8	3476	990	2.18		0.8	4030	856	1.89
	1.0	3276	1035	2.28		1.0	3939	926	2.04
	1.2	3052	1082	2.38		1.2	3789	966	2.13
	1.4	2890	1120	2.47		1.4	3553	1033	2.27
	1.6	2738	1154	2.54		1.6	3290	1090	2.40
	1.8	2584	1186	2.61		1.8	3097	1158	2.55
	2.0	2499	1207	2.66		2.0	2906	1192	2.63
T3	0.2	3953	863	1.80	T3	0.2	4165	735	1.53
	0.4	3837	903	1.88		0.4	4089	772	1.61
	0.6	-	-	-		0.6	3985	824	1.72
	0.8	-	-	-		0.8	-	-	-
	1.0	-	-	-		1.0	-	-	-
	1.2	-	-	-		1.2	-	-	-
	1.4	-	-	-		1.4	-	-	-
	1.6	-	-	-		1.6	-	-	-
	1.8	-	-	-		1.8	-	-	-
	2.0	-	-	-		2.0	-	-	-
T4	0.2	4964	1024	3.47	T4	0.2	5300	888	3.01
	0.4	4909	1046	3.55		0.4	5215	918	3.12
	0.6	4808	1079	3.66		0.6	5121	951	3.23
	0.8	4764	1096	3.72		0.8	5044	979	3.32
	1.0	4626	1123	3.81		1.0	4957	1015	3.44
	1.2	4507	1167	3.96		1.2	4861	1040	3.53
	1.4	4409	1207	4.10		1.4	4769	1082	3.67
	1.6	4137	1257	4.26		1.6	4665	1099	3.73
	1.8	3878	1311	4.45		1.8	4563	1150	3.90
	2.0	3835	1332	4.52		2.0	4455	1181	4.01
T5	0.2	5128	1078	3.88	T5	0.2	5478	900	3.05
	0.4	5061	1102	3.96		0.4	5390	936	3.17
	0.6	4965	1131	4.07		0.6	5309	971	3.29
	0.8	4899	1154	4.15		0.8	5216	1003	3.40
	1.0	4779	1182	4.25		1.0	5127	1036	3.52
	1.2	4668	1214	4.37		1.2	5046	1067	3.62
	1.4	4583	1242	4.47		1.4	4954	1096	3.72
	1.6	4367	1283	4.61		1.6	4872	1128	3.83
	1.8	4137	1330	4.78		1.8	4794	1156	3.92
	2.0	4015	1356	4.88		2.0	4681	1188	4.03
T6	0.2	2642	670	0.83	T6	0.2	3259	621	0.86
	0.4	2424	734	0.91		0.4	3169	667	0.92
	0.6	2138	787	0.97		0.6	3032	726	1.00
	0.8	2032	831	1.03		0.8	2769	805	1.11
	1.0	-	-	-		1.0	2588	852	1.17
	1.2	-	-	-		1.2	2383	918	1.27
	1.4	-	-	-		1.4	2201	973	1.34
	1.6	-	-	-		1.6	-	-	-
	1.8	-	-	-		1.8	-	-	-
	2.0	-	-	-		2.0	-	-	-

12.5 Ton • 240 MBH Gas Heat Exchanger • High Static Direct Drive

Models: DRG1503WM, DRG1504WM, DRG1507WM

DOWN FLOW					HORIZONTAL FLOW				
SPEED TAP	ESP	CFM	RPM	BHP	SPEED TAP	ESP	CFM	RPM	BHP
T7	0.2	3533	825	1.62	T7	0.2	-	-	-
	0.4	3449	875	1.72		0.4	-	-	-
	0.6	3322	916	1.80		0.6	3807	809	1.59
	0.8	3103	957	1.88		0.8	3732	839	1.65
	1.0	2969	997	1.96		1.0	3619	905	1.78
	1.2	2734	1037	2.04		1.2	3443	950	1.87
	1.4	2605	1092	2.14		1.4	3180	1019	2.00
	1.6	2492	1115	2.19		1.6	2905	1084	2.13
	1.8	2340	1151	2.26		1.8	2709	1161	2.28
T8	2.0	2281	1174	2.31		2.0	2647	1160	2.28
	0.2	3830	878	1.97	T8	0.2	4345	768	1.73
	0.4	3757	922	2.07		0.4	4221	808	1.82
	0.6	3682	959	2.16		0.6	4134	850	1.91
	0.8	3448	999	2.25		0.8	4082	860	1.93
	1.0	3358	1036	2.33		1.0	3995	930	2.09
	1.2	3188	1076	2.42		1.2	3851	970	2.18
	1.4	3011	1130	2.54		1.4	3624	1035	2.33
	1.6	2835	1162	2.61		1.6	3368	1090	2.45
	1.8	-	-	-		1.8	3179	1148	2.58
T9	2.0	-	-	-		2.0	2956	1199	2.70
	0.2	4169	940	2.45	T9	0.2	4675	815	2.13
	0.4	4075	977	2.55		0.4	4607	850	2.22
	0.6	4019	1009	2.63		0.6	4514	895	2.34
	0.8	3828	1046	2.73		0.8	4421	896	2.34
	1.0	3739	1080	2.82		1.0	4355	962	2.51
	1.2	3628	1119	2.92		1.2	4255	1001	2.61
	1.4	3405	1164	3.04		1.4	4126	1052	2.75
	1.6	3171	1200	3.13		1.6	3975	1077	2.81
	1.8	3021	1230	3.21		1.8	3843	1128	2.95
T10	2.0	2903	1262	3.30		2.0	3566	1206	3.15
	0.2	4464	995	2.96	T10	0.2	4935	851	2.53
	0.4	4325	1025	3.05		0.4	4889	876	2.61
	0.6	4238	1053	3.13		0.6	4793	927	2.76
	0.8	4143	1088	3.23		0.8	4667	943	2.80
	1.0	4001	1118	3.32		1.0	4603	993	2.95
	1.2	3910	1155	3.43		1.2	4527	1028	3.06
	1.4	3708	1187	3.53		1.4	4465	1067	3.17
	1.6	3493	1213	3.60		1.6	4399	1067	3.17
	1.8	3312	1251	3.72		1.8	4327	1145	3.40
	2.0	3137	1299	3.86		2.0	4181	1168	3.47

7.5 Ton Models : DRG0903D, DRG0904D & DRG0907D with DDC Controls • Standard Static to 2.4 HP (0.2 ~ 0.8 Esp) • Down Flow

CFM	0.2			0.4			0.6			0.8			1.0		
	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP
1800	519	22	0.39	584	24	0.50	643	26	0.55	717	27	0.73	-	-	-
2000	554	26	0.46	618	27	0.58	676	29	0.63	747	31	0.84	-	-	-
2200	589	29	0.53	653	31	0.69	709	33	0.72	777	35	0.97	-	-	-
2400	624	33	0.63	687	35	0.81	743	37	0.83	807	39	1.11	-	-	-
2600	659	36	0.74	721	38	0.95	776	40	0.96	838	42	1.28	-	-	-
2800	693	40	0.86	756	42	1.11	809	44	1.10	868	46	1.47	-	-	-
3000	728	43	1.01	790	46	1.30	842	48	1.26	898	50	1.69	-	-	-
3200	763	47	1.19	824	49	1.53	875	51	1.45	928	53	1.94	-	-	-
3400	798	50	1.40	859	53	1.79	908	55	1.67	959	57	2.24	-	-	-
3600	833	53	1.64	893	57	2.10	941	59	1.92				-	-	-

Shaded area indicates air flow below 2250 SCFM (300 SCFM/ton) that is not recommended for High Stage cooling or heating.

Valid motor operating range for DDC setting is 20 - 90.

HORIZONTAL FLOW

CFM	0.2			0.4			0.6			0.8			1.0		
	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP
1800	456	21	0.31	541	22	0.38	610	23	0.50	684	25	0.57	-	-	-
2000	486	24	0.37	568	25	0.44	636	27	0.58	706	29	0.64	-	-	-
2200	516	27	0.43	595	29	0.50	661	30	0.66	729	32	0.72	-	-	-
2400	546	31	0.51	622	32	0.58	687	34	0.76	751	36	0.81	-	-	-
2600	576	34	0.59	649	36	0.67	712	38	0.88	774	39	0.91	-	-	-
2800	606	38	0.70	676	39	0.77	737	41	1.01	796	43	1.03	-	-	-
3000	636	41	0.82	703	43	0.88	763	45	1.16	818	47	1.16	-	-	-
3200	666	45	0.96	730	46	1.02	788	48	1.33	841	50	1.31	-	-	-
3400	696	48	1.13	757	50	1.17	814	52	1.53	863	54	1.48	-	-	-
3600	726	52	1.32	784	53	1.34	839	55	1.76	886	57	1.66	-	-	-
3800	756	55	1.55	811	57	1.55	865	59	2.03	908	61	1.88	-	-	-

Shaded area indicates air flow below 2250 SCFM (300 SCFM/ton) that is not recommended for High Stage cooling or heating.

Valid motor operating range for DDC setting is 20 - 90.

7.5 Ton Models : DRG0903L, DRG0904L & DRG0907L with DDC Controls • Medium Static to 2.4 HP (0.2 ~ 1.4 ESP) • Down Flow

CFM	0.2			0.4			0.6			0.8			1.0		
	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP
1400	449	16	0.28	516	17	0.36	577	18	0.41	656	20	0.55	742	24	0.66
1600	484	19	0.33	550	20	0.42	610	22	0.47	686	24	0.63	767	27	0.73
1800	519	22	0.39	584	24	0.50	643	26	0.55	717	27	0.73	793	31	0.80
2000	554	26	0.46	618	27	0.58	676	29	0.63	747	31	0.84	818	34	0.89
2200	589	29	0.53	653	31	0.69	709	33	0.72	777	35	0.97	844	38	0.98
2400	624	33	0.63	687	35	0.81	743	37	0.83	807	39	1.11	869	41	1.08
2600	659	36	0.74	721	38	0.95	776	40	0.96	838	42	1.28	895	45	1.20
2800	693	40	0.86	756	42	1.11	809	44	1.10	868	46	1.47	920	48	1.32
3000	728	43	1.01	790	46	1.30	842	48	1.26	898	50	1.69	946	52	1.46
3200	763	47	1.19	824	49	1.53	875	51	1.45	928	53	1.94	971	55	1.62
3400	798	50	1.40	859	53	1.79	908	55	1.67	959	57	2.24	997	58	1.79
3600	833	53	1.64	893	57	2.10	941	59	1.92	989	61	2.57	1022	62	1.97
3800	868	57	1.92	927	60	2.47	975	62	2.21	1019	64	2.96	1048	65	2.18

CFM	1.2			1.4			1.6			1.8			2.0		
	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP
1400	853	27	0.87	853	29	0.96	-	-	-	-	-	-	-	-	-
1600	871	30	0.96	876	32	1.04	-	-	-	-	-	-	-	-	-
1800	890	34	1.06	899	36	1.12	-	-	-	-	-	-	-	-	-
2000	908	37	1.17	922	39	1.22	-	-	-	-	-	-	-	-	-
2200	926	40	1.30	945	42	1.32	-	-	-	-	-	-	-	-	-
2400	945	44	1.43	968	46	1.43	-	-	-	-	-	-	-	-	-
2600	963	47	1.58	991	49	1.55	-	-	-	-	-	-	-	-	-
2800	981	50	1.75	1015	53	1.68	-	-	-	-	-	-	-	-	-
3000	1000	54	1.94	1038	56	1.82	-	-	-	-	-	-	-	-	-
3200	1018	57	2.14	1061	59	1.97	-	-	-	-	-	-	-	-	-
3400	1036	61	2.36	1084	63	2.13	-	-	-	-	-	-	-	-	-
3600	1055	64	2.61	1107	66	2.31	-	-	-	-	-	-	-	-	-
3800	1073	67	2.89	1130	70	2.50	-	-	-	-	-	-	-	-	-

Shaded area indicates air flow below 2250 SCFM (300 SCFM/ton) that is not recommended for High Stage cooling or heating.
Valid motor operating range for DDC% setting is 20 - 90.

HORIZONTAL FLOW

CFM	0.2			0.4			0.6			0.8			1.0		
	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP
1400													702	21	0.58
1600													661	22	0.50
1800	456	21	0.31	541	22	0.38	610	23	0.50	684	25	0.57	745	28	0.70
2000	486	24	0.37	568	25	0.44	636	27	0.58	706	29	0.64	766	31	0.78
2200	516	27	0.43	595	29	0.50	661	30	0.66	729	32	0.72	787	35	0.86
2400	546	31	0.51	622	32	0.58	687	34	0.76	751	36	0.81	809	38	0.95
2600	576	34	0.59	649	36	0.67	712	38	0.88	774	39	0.91	830	42	1.05
2800	606	38	0.70	676	39	0.77	737	41	1.01	796	43	1.03	851	45	1.16
3000	636	41	0.82	703	43	0.88	763	45	1.16	818	47	1.16	872	49	1.28
3200	666	45	0.96	730	46	1.02	788	48	1.33	841	50	1.31	894	52	1.41
3400	696	48	1.13	757	50	1.17	814	52	1.53	863	54	1.48	915	55	1.56
3600	726	52	1.32	784	53	1.34	839	55	1.76	886	57	1.66	936	59	1.73
3800	756	55	1.55	811	57	1.55	865	59	2.03	908	61	1.88	957	62	1.91
CFM	1.2			1.4			1.6			1.8			2.0		
	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP
1400	754	25	0.85	825	27	0.93	-	-	-	-	-	-	-	-	-
1600	774	28	0.93	843	30	1.01	-	-	-	-	-	-	-	-	-
1800	795	31	1.03	862	34	1.10	-	-	-	-	-	-	-	-	-
2000	816	34	1.14	880	37	1.19	-	-	-	-	-	-	-	-	-
2200	836	38	1.26	898	40	1.29	-	-	-	-	-	-	-	-	-
2400	857	41	1.39	917	43	1.39	-	-	-	-	-	-	-	-	-
2600	878	44	1.54	935	46	1.51	-	-	-	-	-	-	-	-	-
2800	899	48	1.70	954	50	1.64	-	-	-	-	-	-	-	-	-
3000	919	51	1.88	972	53	1.77	-	-	-	-	-	-	-	-	-
3200	940	54	2.08	990	56	1.92	-	-	-	-	-	-	-	-	-
3400	961	57	2.30	1009	59	2.08	-	-	-	-	-	-	-	-	-
3600	981	61	2.54	1027	62	2.25	-	-	-	-	-	-	-	-	-
3800	1002	64	2.81	1046	66	2.44	-	-	-	-	-	-	-	-	-

Shaded area indicates air flow below 2250 SCFM (300 SCFM/ton) that is not recommended for High Stage cooling or heating.
Valid motor operating range for DDC% setting is 20 - 90.

7.5 Ton Models : DRG0903W, DRG0904W & DRG0907W with DDC Controls • High Static to 3.5 HP (0.2 ~ 2.0 ESP) • Down Flow

CFM	0.2			0.4			0.6			0.8			1.0		
	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP
1800	519	22	0.39	584	24	0.50	643	26	0.55	717	27	0.73	793	31	0.80
2000	554	26	0.46	618	27	0.58	676	29	0.63	747	31	0.84	818	34	0.89
2200	589	29	0.53	653	31	0.69	709	33	0.72	777	35	0.97	844	38	0.98
2400	624	33	0.63	687	35	0.81	743	37	0.83	807	39	1.11	869	41	1.08
2600	659	36	0.74	721	38	0.95	776	40	0.96	838	42	1.28	895	45	1.20
2800	693	40	0.86	756	42	1.11	809	44	1.10	868	46	1.47	920	48	1.32
3000	728	43	1.01	790	46	1.30	842	48	1.26	898	50	1.69	946	52	1.46
3200	763	47	1.19	824	49	1.53	875	51	1.45	928	53	1.94	971	55	1.62
3400	798	50	1.40	859	53	1.79	908	55	1.67	959	57	2.24	997	58	1.79
3600	833	53	1.64	893	57	2.10	941	59	1.92	989	61	2.57	1022	62	1.97
3800	868	57	1.92	927	60	2.47	975	62	2.21	1019	64	2.96	1048	65	2.18
CFM	1.2			1.4			1.6			1.8			2.0		
	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP
1800	890	34	1.06	899	36	1.12	1023	39	1.42	1077	41	1.64	1129	44	1.90
2000	908	37	1.17	922	39	1.22	1036	42	1.54	1088	44	1.78	1140	47	2.06
2200	926	40	1.30	945	42	1.32	1048	46	1.66	1099	48	1.93	1151	50	2.23
2400	945	44	1.43	968	46	1.43	1060	49	1.80	1110	51	2.09	1161	53	2.41
2600	963	47	1.58	991	49	1.55	1073	52	1.95	1122	54	2.26	1172	57	2.61
2800	981	50	1.75	1015	53	1.68	1085	55	2.12	1133	58	2.45	1183	60	2.83
3000	1000	54	1.94	1038	56	1.82	1097	58	2.29	1144	61	2.65	1194	63	3.07
3200	1018	57	2.14	1061	59	1.97	1110	62	2.48	1155	64	2.87	1204	67	3.32
3400	1036	61	2.36	1084	63	2.13	1122	65	2.69	1166	67	3.11	1215	70	3.60
3600	1055	64	2.61	1107	66	2.31	1134	68	2.91	1178	71	3.37			
3800	1073	67	2.89	1130	70	2.50	1147	71	3.16						

Shaded area indicates air flow below 2250 SCFM (300 SCFM/ton) that is not recommended for High Stage cooling or heating.

Valid motor operating range for DDC setting is 20 - 90.

HORIZONTAL FLOW

CFM	0.2			0.4			0.6			0.8			1.0		
	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP
1800	456	21	0.31	541	22	0.38	610	23	0.50	684	25	0.57	745	28	0.70
2000	486	24	0.37	568	25	0.44	636	27	0.58	706	29	0.64	766	31	0.78
2200	516	27	0.43	595	29	0.50	661	30	0.66	729	32	0.72	787	35	0.86
2400	546	31	0.51	622	32	0.58	687	34	0.76	751	36	0.81	809	38	0.95
2600	576	34	0.59	649	36	0.67	712	38	0.88	774	39	0.91	830	42	1.05
2800	606	38	0.70	676	39	0.77	737	41	1.01	796	43	1.03	851	45	1.16
3000	636	41	0.82	703	43	0.88	763	45	1.16	818	47	1.16	872	49	1.28
3200	666	45	0.96	730	46	1.02	788	48	1.33	841	50	1.31	894	52	1.41
3400	696	48	1.13	757	50	1.17	814	52	1.53	863	54	1.48	915	55	1.56
3600	726	52	1.32	784	53	1.34	839	55	1.76	886	57	1.66	936	59	1.73
3800	756	55	1.55	811	57	1.55	865	59	2.03	908	61	1.88	957	62	1.91
CFM	1.2			1.4			1.6			1.8			2.0		
	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP
1800	795	31	1.03	862	34	1.10	986	38	1.38	1040	41	1.33	1081	43	1.50
2000	816	34	1.14	880	37	1.19	992	41	1.50	1046	44	1.41	1088	46	1.59
2200	836	38	1.26	898	40	1.29	999	44	1.62	1053	47	1.50	1094	49	1.69
2400	857	41	1.39	917	43	1.39	1005	47	1.76	1059	49	1.59	1100	52	1.80
2600	878	44	1.54	935	46	1.51	1011	50	1.90	1066	52	1.69	1106	54	1.91
2800	899	48	1.70	954	50	1.64	1018	53	2.06	1072	55	1.80	1112	57	2.02
3000	919	51	1.88	972	53	1.77	1024	55	2.23	1079	58	1.91	1119	60	2.15
3200	940	54	2.08	990	56	1.92	1030	58	2.42	1085	60	2.02	1125	62	2.28
3400	961	57	2.30	1009	59	2.08	1037	61	2.62	1091	63	2.15	1131	65	2.42
3600	981	61	2.54	1027	62	2.25	1043	64	2.84	1098	66	2.28	1137	68	2.57
3800	1002	64	2.81	1046	66	2.44	1049	67	3.07	1104	69	2.42	1143	70	2.73

Shaded area indicates air flow below 2250 SCFM (300 SCFM/ton) that is not recommended for High Stage cooling or heating.

Valid motor operating range for DDC setting is 20 - 90.

8.5 TON MODELS: DRG1023D, DRG1024D & DRG1027D WITH DDC CONTROLS • STANDARD STATIC TO 2.4 HP (0.2 ~ 0.8 ESP) • DOWN FLOW

CFM	0.2			0.4			0.6			0.8			1.0		
	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP
1600										678	21	0.55	-	-	-
1800				557	21	0.42	635	23	0.57	702	25	0.62	-	-	-
2000	509	23	0.41	586	25	0.48	661	27	0.66	727	29	0.70	-	-	-
2200	541	26	0.48	615	28	0.55	688	30	0.76	752	32	0.79	-	-	-
2400	572	30	0.56	645	32	0.64	714	34	0.87	776	36	0.89	-	-	-
2600	604	34	0.66	674	36	0.73	740	38	1.00	801	40	1.01	-	-	-
2800	635	37	0.77	703	39	0.84	767	42	1.15	826	44	1.14	-	-	-
3000	667	41	0.91	733	43	0.97	793	45	1.33	850	47	1.28	-	-	-
3200	698	44	1.06	762	47	1.11	820	49	1.52	875	51	1.44	-	-	-
3400	730	48	1.25	791	50	1.28	846	53	1.75	900	55	1.63	-	-	-
3600	761	52	1.47	820	54	1.48	872	57	2.02	924	59	1.83	-	-	-
3800	793	55	1.72	850	58	1.70	899	60	2.32	949	62	2.07	-	-	-

Shaded area indicates air flow below 2550 SCFM (300 SCFM/ton) that is not recommended for High Stage cooling or heating.

Valid motor operating range for DDC% setting is 20 - 90.

HORIZONTAL FLOW

CFM	0.2			0.4			0.6			0.8			1.0		
	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP
1600										649	21	0.55	-	-	-
1800	436	20	0.33	521	21	0.41	597	23	0.46	670	25	0.62	-	-	-
2000	463	23	0.39	546	25	0.47	620	27	0.52	691	29	0.69	-	-	-
2200	491	27	0.46	571	28	0.54	642	30	0.59	711	32	0.78	-	-	-
2400	519	30	0.54	596	32	0.62	665	34	0.67	732	36	0.88	-	-	-
2600	547	34	0.63	621	35	0.72	688	37	0.75	753	39	1.00	-	-	-
2800	575	37	0.74	646	39	0.82	710	41	0.85	773	43	1.12	-	-	-
3000	602	40	0.87	671	42	0.95	733	44	0.96	794	46	1.26	-	-	-
3200	630	44	1.02	696	46	1.09	756	48	1.08	815	50	1.43	-	-	-
3400	658	47	1.20	721	49	1.25	778	51	1.21	836	54	1.61	-	-	-
3600	686	51	1.41	746	53	1.44	801	55	1.37	856	57	1.81	-	-	-
3800	714	54	1.65	771	56	1.66	823	58	1.54	877	61	2.04	-	-	-

Shaded area indicates air flow below 2550 SCFM (300 SCFM/ton) that is not recommended for High Stage cooling or heating.

Valid motor operating range for DDC% setting is 20 - 90.

8.5 Ton Models: DRG1023L, DRG1024L & DRG1027L with DDC Controls • Medium Static to 3.5 HP (0.2 ~ 1.4 ESP) • Down Flow

CFM	0.2			0.4			0.6			0.8			1.0		
	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP
1600										678	21	0.55	757	23	0.73
1800				557	21	0.42	635	23	0.57	702	25	0.62	778	27	0.82
2000	509	23	0.41	586	25	0.48	661	27	0.66	727	29	0.70	799	31	0.93
2200	541	26	0.48	615	28	0.55	688	30	0.76	752	32	0.79	820	35	1.04
2400	572	30	0.56	645	32	0.64	714	34	0.87	776	36	0.89	841	38	1.18
2600	604	34	0.66	674	36	0.73	740	38	1.00	801	40	1.01	862	42	1.33
2800	635	37	0.77	703	39	0.84	767	42	1.15	826	44	1.14	883	46	1.50
3000	667	41	0.91	733	43	0.97	793	45	1.33	850	47	1.28	904	50	1.69
3200	698	44	1.06	762	47	1.11	820	49	1.52	875	51	1.44	925	54	1.90
3400	730	48	1.25	791	50	1.28	846	53	1.75	900	55	1.63	946	57	2.15
3600	761	52	1.47	820	54	1.48	872	57	2.02	924	59	1.83	967	61	2.42
3800	793	55	1.72	850	58	1.70	899	60	2.32	949	62	2.07	988	65	2.73

CFM	1.2			1.4			1.6			1.8			2.0		
	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP
1600	834	25	0.79	799	28	1.04	-	-	-	-	-	-	-	-	-
1800	853	29	0.88	822	32	1.14	-	-	-	-	-	-	-	-	-
2000	873	33	0.97	845	35	1.27	-	-	-	-	-	-	-	-	-
2200	892	37	1.07	868	39	1.40	-	-	-	-	-	-	-	-	-
2400	912	41	1.18	891	42	1.55	-	-	-	-	-	-	-	-	-
2600	932	45	1.31	914	46	1.71	-	-	-	-	-	-	-	-	-
2800	951	49	1.45	937	50	1.89	-	-	-	-	-	-	-	-	-
3000	971	52	1.60	960	53	2.09	-	-	-	-	-	-	-	-	-
3200	991	56	1.77	983	57	2.31	-	-	-	-	-	-	-	-	-
3400	1010	60	1.95	1006	61	2.55	-	-	-	-	-	-	-	-	-
3600	1030	64	2.16	1029	64	2.82	-	-	-	-	-	-	-	-	-
3800	1049	68	2.39	1052	68	3.11	-	-	-	-	-	-	-	-	-

Shaded area indicates air flow below 2550 SCFM (300 SCFM/ton) that is not recommended for High Stage cooling or heating.

Valid motor operating range for DDC% setting is 20 - 90.

HORIZONTAL FLOW

CFM	0.2			0.4			0.6			0.8			1.0		
	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP
1600										649	21	0.55	722	23	0.59
1800	436	20	0.33	521	21	0.41	597	23	0.46	670	25	0.62	740	27	0.65
2000	463	23	0.39	546	25	0.47	620	27	0.52	691	29	0.69	758	30	0.72
2200	491	27	0.46	571	28	0.54	642	30	0.59	711	32	0.78	777	34	0.80
2400	519	30	0.54	596	32	0.62	665	34	0.67	732	36	0.88	795	37	0.88
2600	547	34	0.63	621	35	0.72	688	37	0.75	753	39	1.00	814	41	0.97
2800	575	37	0.74	646	39	0.82	710	41	0.85	773	43	1.12	832	45	1.08
3000	602	40	0.87	671	42	0.95	733	44	0.96	794	46	1.26	851	48	1.19
3200	630	44	1.02	696	46	1.09	756	48	1.08	815	50	1.43	869	52	1.31
3400	658	47	1.20	721	49	1.25	778	51	1.21	836	54	1.61	888	56	1.45
3600	686	51	1.41	746	53	1.44	801	55	1.37	856	57	1.81	906	59	1.60
3800	714	54	1.65	771	56	1.66	823	58	1.54	877	61	2.04	925	63	1.77
CFM	1.2			1.4			1.6			1.8			2.0		
	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP
1600	787	25	0.76	830	28	0.92	-	-	-	-	-	-	-	-	-
1800	804	28	0.84	847	32	1.00	-	-	-	-	-	-	-	-	-
2000	820	32	0.93	864	35	1.08	-	-	-	-	-	-	-	-	-
2200	837	36	1.02	881	39	1.17	-	-	-	-	-	-	-	-	-
2400	854	40	1.13	898	42	1.27	-	-	-	-	-	-	-	-	-
2600	870	43	1.25	915	46	1.37	-	-	-	-	-	-	-	-	-
2800	887	47	1.38	932	49	1.49	-	-	-	-	-	-	-	-	-
3000	904	51	1.53	949	53	1.61	-	-	-	-	-	-	-	-	-
3200	920	54	1.69	966	56	1.74	-	-	-	-	-	-	-	-	-
3400	937	58	1.87	983	60	1.89	-	-	-	-	-	-	-	-	-
3600	954	62	2.06	1000	63	2.05	-	-	-	-	-	-	-	-	-
3800	971	65	2.28	1017	67	2.22	-	-	-	-	-	-	-	-	-

Shaded area indicates air flow below 2550 SCFM (300 SCFM/ton) that is not recommended for High Stage cooling or heating.

Valid motor operating range for DDC% setting is 20 - 90.

8.5 TON MODELS: DRG1023W, DRG1024W & DRG1027W WITH DDC CONTROLS • HIGH STATIC TO 3.5 HP (0.2 ~ 2.0 ESP) • DOWN FLOW

CFM	0.2			0.4			0.6			0.8			1.0		
	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP
1600										678	21	0.55	757	23	0.73
1800										702	25	0.62	778	27	0.82
2000	509	23	0.41	586	25	0.48	661	27	0.66	727	29	0.70	799	31	0.93
2200	541	26	0.48	615	28	0.55	688	30	0.76	752	32	0.79	820	35	1.04
2400	572	30	0.56	645	32	0.64	714	34	0.87	776	36	0.89	841	38	1.18
2600	604	34	0.66	674	36	0.73	740	38	1.00	801	40	1.01	862	42	1.33
2800	635	37	0.77	703	39	0.84	767	42	1.15	826	44	1.14	883	46	1.50
3000	667	41	0.91	733	43	0.97	793	45	1.33	850	47	1.28	904	50	1.69
3200	698	44	1.06	762	47	1.11	820	49	1.52	875	51	1.44	925	54	1.90
3400	730	48	1.25	791	50	1.28	846	53	1.75	900	55	1.63	946	57	2.15
3600	761	52	1.47	820	54	1.48	872	57	2.02	924	59	1.83	967	61	2.42
3800	793	55	1.72	850	58	1.70	899	60	2.32	949	62	2.07	988	65	2.73
4000	824	59	2.02	879	61	1.95	925	64	2.67	974	66	2.33	1009	69	3.08
4200	856	62	2.37	908	65	2.25	951	68	3.07	998	70	2.63	1030	73	3.47
CFM	1.2			1.4			1.6			1.8			2.0		
	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP
1600	834	25	0.79	799	28	1.04	30	30	1.08	945	33	1.29	1006	32	1.39
1800	853	29	0.88	822	32	1.14	34	34	1.17	965	37	1.40	1025	36	1.51
2000	873	33	0.97	845	35	1.27	38	38	1.26	986	40	1.52	1045	40	1.63
2200	892	37	1.07	868	39	1.40	41	41	1.37	1007	44	1.64	1064	44	1.77
2400	912	41	1.18	891	42	1.55	45	45	1.48	1028	47	1.78	1084	48	1.92
2600	932	45	1.31	914	46	1.71	49	49	1.61	1049	51	1.93	1103	52	2.08
2800	951	49	1.45	937	50	1.89	52	52	1.74	1070	55	2.09	1122	57	2.25
3000	971	52	1.60	960	53	2.09	56	56	1.88	1091	58	2.27	1142	61	2.44
3200	991	56	1.77	983	57	2.31	60	60	2.04	1112	62	2.45	1161	65	2.64
3400	1010	60	1.95	1006	61	2.55	63	63	2.21	1133	66	2.66	1180	69	2.86
3600	1030	64	2.16	1029	64	2.82	67	67	2.39	1154	69	2.88	1200	73	3.10
3800	1049	68	2.39	1052	68	3.11	70	70	2.59	1175	73	3.12	1219	78	3.35
4000	1069	72	2.64	1075	71	3.44	74	74	2.81	1196	77	3.38	1239	82	3.63
4200	1089	76	2.91	1098	75	3.80	78	78	3.04						

Shaded area indicates air flow below 2550 SCFM (300 SCFM/ton) that is not recommended for High Stage cooling or heating.

Valid motor operating range for DDC% setting is 20 - 90.

HORIZONTAL FLOW

CFM	0.2			0.4			0.6			0.8			1.0		
	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP
1600										649	21	0.55	722	23	0.59
1800	436	20	0.33	521	21	0.41	597	23	0.46	670	25	0.62	740	27	0.65
2000	463	23	0.39	546	25	0.47	620	27	0.52	691	29	0.69	758	30	0.72
2200	491	27	0.46	571	28	0.54	642	30	0.59	711	32	0.78	777	34	0.80
2400	519	30	0.54	596	32	0.62	665	34	0.67	732	36	0.88	795	37	0.88
2600	547	34	0.63	621	35	0.72	688	37	0.75	753	39	1.00	814	41	0.97
2800	575	37	0.74	646	39	0.82	710	41	0.85	773	43	1.12	832	45	1.08
3000	602	40	0.87	671	42	0.95	733	44	0.96	794	46	1.26	851	48	1.19
3200	630	44	1.02	696	46	1.09	756	48	1.08	815	50	1.43	869	52	1.31
3400	658	47	1.20	721	49	1.25	778	51	1.21	836	54	1.61	888	56	1.45
3600	686	51	1.41	746	53	1.44	801	55	1.37	856	57	1.81	906	59	1.60
3800	714	54	1.65	771	56	1.66	823	58	1.54	877	61	2.04	925	63	1.77
4000	741	58	1.94	797	60	1.91	846	62	1.74	898	64	2.30	943	67	1.96
4200	769	61	2.27	822	63	2.19	869	65	1.96	918	68	2.60	962	70	2.17
CFM	1.2			1.4			1.6			1.8			2.0		
	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP
1600	787	25	0.76	830	28	0.92	908	31	1.24	950	33	1.27	978	36	1.59
1800	804	28	0.84	847	32	1.00	922	35	1.35	964	37	1.35	993	39	1.69
2000	820	32	0.93	864	35	1.08	936	38	1.46	978	40	1.43	1009	42	1.79
2200	837	36	1.02	881	39	1.17	950	42	1.58	992	44	1.52	1024	46	1.90
2400	854	40	1.13	898	42	1.27	964	45	1.71	1006	47	1.62	1039	49	2.02
2600	870	43	1.25	915	46	1.37	977	48	1.85	1020	51	1.72	1054	53	2.15
2800	887	47	1.38	932	49	1.49	991	52	2.01	1033	54	1.82	1069	56	2.28
3000	904	51	1.53	949	53	1.61	1005	55	2.17	1047	58	1.93	1084	60	2.42
3200	920	54	1.69	966	56	1.74	1019	59	2.36	1061	61	2.05	1099	63	2.57
3400	937	58	1.87	983	60	1.89	1033	62	2.55	1075	65	2.18	1115	67	2.73
3600	954	62	2.06	1000	63	2.05	1047	66	2.76	1089	68	2.32	1130	70	2.90
3800	971	65	2.28	1017	67	2.22	1060	69	2.99	1103	71	2.46	1145	74	3.08
4000	987	69	2.52	1034	70	2.40	1074	73	3.24	1116	75	2.61	1160	77	3.27
4200	1004	73	2.78	1051	74	2.60	1088	76	3.51	1130	78	2.77	1175	80	3.47

Shaded area indicates air flow below 2550 SCFM (300 SCFM/ton) that is not recommended for High Stage cooling or heating.

Valid motor operating range for DDC% setting is 20 - 90.

10 TON MODELS: DRG1203D, DRG1204D & DRG1207D WITH DDC CONTROLS • STANDARD STATIC TO 2.4 HP (0.2 ~ 0.8 ESP) • DOWN FLOW

CFM	0.2			0.4			0.6			0.8			1.0		
	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP
2000				582	20	0.55	644	20	0.65	712	21	0.81	-	-	-
2200	533	21	0.43	610	24	0.62	671	25	0.73	737	26	0.91	-	-	-
2400	563	25	0.49	638	28	0.70	699	29	0.82	763	30	1.03	-	-	-
2600	593	29	0.55	666	32	0.79	726	33	0.93	789	35	1.16	-	-	-
2800	622	32	0.62	694	36	0.89	754	37	1.05	814	39	1.31	-	-	-
3000	652	36	0.70	723	40	1.00	781	42	1.18	840	44	1.47	-	-	-
3200	681	40	0.79	751	44	1.13	809	46	1.33	866	48	1.66	-	-	-
3400	711	44	0.89	779	48	1.27	836	50	1.50	891	52	1.87	-	-	-
3600	740	48	1.00	807	52	1.43	864	54	1.69	917	57	2.11	-	-	-
3800	770	52	1.13	835	56	1.61	891	59	1.90	943	61	2.38	-	-	-
4000	800	56	1.27	863	60	1.82	919	63	2.15				-	-	-
4200	829	60	1.44	892	64	2.05							-	-	-

Shaded area indicates air flow below 3000 SCFM (300 SCFM/ton) that is not recommended for High Stage cooling or heating.

Valid motor operating range for DDC% setting is 20 - 90.

HORIZONTAL FLOW

CFM	0.2			0.4			0.6			0.8			1.0		
	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP
2000							607	20	0.60	22	685	0.64	-	-	-
2200	473	19	0.42	552	21	0.48	628	24	0.68	26	704	0.71	-	-	-
2400	499	23	0.49	576	25	0.54	650	28	0.77	30	723	0.78	-	-	-
2600	525	27	0.56	600	29	0.61	671	32	0.86	34	742	0.87	-	-	-
2800	551	31	0.65	623	33	0.69	693	35	0.97	38	762	0.96	-	-	-
3000	578	35	0.74	647	37	0.77	714	39	1.10	42	781	1.06	-	-	-
3200	604	39	0.85	671	41	0.87	736	43	1.24	46	800	1.17	-	-	-
3400	630	43	0.98	695	45	0.98	757	47	1.40	50	819	1.29	-	-	-
3600	656	47	1.13	719	49	1.11	779	51	1.57	54	839	1.43	-	-	-
3800	682	51	1.30	743	53	1.25	800	55	1.78	58	858	1.58	-	-	-
4000	708	55	1.49	767	57	1.41	822	59	2.00	62	877	1.75	-	-	-
4200	734	59	1.72	791	61	1.59	843	63	2.26	66	896	1.93	-	-	-

Shaded area indicates air flow below 3000 SCFM (300 SCFM/ton) that is not recommended for High Stage cooling or heating.

Valid motor operating range for DDC% setting is 20 - 90.

10 TON MODELS: DRG1203L, DRG1204L & DRG1207L WITH DDC CONTROLS • MEDIUM STATIC TO 3.5 HP (0.2 ~ 1.4 ESP) • DOWN FLOW

CFM	0.2			0.4			0.6			0.8			1.0		
	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP
1800													765	21	0.87
2000	504	17	0.38	582	20	0.55	644	20	0.65	712	21	0.81	788	25	0.97
2200	533	21	0.43	610	24	0.62	671	25	0.73	737	26	0.91	810	30	1.07
2400	563	25	0.49	638	28	0.70	699	29	0.82	763	30	1.03	833	34	1.18
2600	593	29	0.55	666	32	0.79	726	33	0.93	789	35	1.16	856	38	1.30
2800	622	32	0.62	694	36	0.89	754	37	1.05	814	39	1.31	878	42	1.44
3000	652	36	0.70	723	40	1.00	781	42	1.18	840	44	1.47	901	47	1.59
3200	681	40	0.79	751	44	1.13	809	46	1.33	866	48	1.66	923	51	1.76
3400	711	44	0.89	779	48	1.27	836	50	1.50	891	52	1.87	946	55	1.95
3600	740	48	1.00	807	52	1.43	864	54	1.69	917	57	2.11	969	59	2.15
3800	770	52	1.13	835	56	1.61	891	59	1.90	943	61	2.38	991	64	2.38
4000	800	56	1.27	863	60	1.82	919	63	2.15	968	66	2.68	1014	68	2.63
4200	829	60	1.44	892	64	2.05	946	67	2.42	994	70	3.02	1037	72	2.90
4400	859	64	1.62	920	68	2.31	974	72	2.73	1020	75	3.41	1059	77	3.21
4600	888	68	1.82	948	72	2.61	1001	76	3.08	1045					
4800	918	71	2.06	976	76	2.94	1029	80	3.47	1071					
5000	947	75	2.32	1004	80	3.32									

CFM	1.2			1.4			1.6			1.8			2.0		
	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP
1800	867	27	1.00	887	31	1.26	-	-	-	-	-	-	-	-	-
2000	885	31	1.09	906	35	1.37	-	-	-	-	-	-	-	-	-
2200	903	35	1.18	926	38	1.48	-	-	-	-	-	-	-	-	-
2400	921	39	1.28	945	42	1.61	-	-	-	-	-	-	-	-	-
2600	939	43	1.38	965	46	1.74	-	-	-	-	-	-	-	-	-
2800	956	47	1.50	985	50	1.89	-	-	-	-	-	-	-	-	-
3000	974	51	1.62	1004	54	2.04	-	-	-	-	-	-	-	-	-
3200	992	55	1.76	1024	58	2.21	-	-	-	-	-	-	-	-	-
3400	1010	59	1.90	1044	62	2.40	-	-	-	-	-	-	-	-	-
3600	1028	63	2.06	1063	66	2.60	-	-	-	-	-	-	-	-	-
3800	1046	67	2.23	1083	70	2.81	-	-	-	-	-	-	-	-	-
4000	1064	71	2.42	1103	73	3.05	-	-	-	-	-	-	-	-	-
4200	1082	75	2.62	1122	77	3.30	-	-	-	-	-	-	-	-	-
4400	1099	79	2.84				-	-	-	-	-	-	-	-	-
4600	1117	83	3.08				-	-	-	-	-	-	-	-	-
4800	1135	87	3.33				-	-	-	-	-	-	-	-	-
5000							-	-	-	-	-	-	-	-	

Shaded area indicates air flow below 3000 SCFM (300 SCFM/ton) that is not recommended for High Stage cooling or heating.

Valid motor operating range for DDC% setting is 20 - 90.

HORIZONTAL FLOW

CFM	0.2			0.4			0.6			0.8			1.0				
	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP		
1800										666	18	0.58	740	21	0.85		
2000	447	15	0.37	528	17	0.42	20	20	0.60	685	22	0.64	758	25	0.94		
2200	473	19	0.42	552	21	0.48	24	24	0.68	704	26	0.71	775	29	1.04		
2400	499	23	0.49	576	25	0.54	28	28	0.77	723	30	0.78	792	33	1.15		
2600	525	27	0.56	600	29	0.61	32	32	0.86	742	34	0.87	809	37	1.27		
2800	551	31	0.65	623	33	0.69	35	35	0.97	762	38	0.96	827	41	1.41		
3000	578	35	0.74	647	37	0.77	39	39	1.10	781	42	1.06	844	45	1.56		
3200	604	39	0.85	671	41	0.87	43	43	1.24	800	46	1.17	861	49	1.72		
3400	630	43	0.98	695	45	0.98	47	47	1.40	819	50	1.29	879	53	1.90		
3600	656	47	1.13	719	49	1.11	51	51	1.57	839	54	1.43	896	56	2.10		
3800	682	51	1.30	743	53	1.25	55	55	1.78	858	58	1.58	913	60	2.32		
4000	708	55	1.49	767	57	1.41	59	59	2.00	877	62	1.75	931	64	2.56		
4200	734	59	1.72	791	61	1.59	63	63	2.26	896	66	1.93	948	68	2.83		
4400	760	63	1.98	814	65	1.79	67	67	2.54	916	70	2.13	965	72	3.13		
4600	786	67	2.28	838	69	2.02	71	71	2.87	935	74	2.36	982	76	3.46		
4800	812	71	2.62	862	73	2.28	75	75	3.24	954	78	2.60					
5000	838	75	3.01	886	77	2.57											
CFM	1.2			1.4			1.6			1.8			2.0				
	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP		
1800	810	24	0.95	848	28	1.29	-	-	-	-	-	-	-	-	-		
2000	825	28	1.02	863	32	1.40	-	-	-	-	-	-	-	-	-		
2200	841	32	1.11	879	36	1.51	-	-	-	-	-	-	-	-	-		
2400	856	36	1.20	895	40	1.64	-	-	-	-	-	-	-	-	-		
2600	871	39	1.30	910	43	1.77	-	-	-	-	-	-	-	-	-		
2800	886	43	1.41	926	47	1.92	-	-	-	-	-	-	-	-	-		
3000	902	47	1.53	942	51	2.08	-	-	-	-	-	-	-	-	-		
3200	917	51	1.66	957	55	2.26	-	-	-	-	-	-	-	-	-		
3400	932	55	1.79	973	58	2.44	-	-	-	-	-	-	-	-	-		
3600	948	59	1.94	989	62	2.65	-	-	-	-	-	-	-	-	-		
3800	963	63	2.11	1004	66	2.87	-	-	-	-	-	-	-	-	-		
4000	978	67	2.28	1020	70	3.11	-	-	-	-	-	-	-	-	-		
4200	994	71	2.47	1036	74	3.37	-	-	-	-	-	-	-	-	-		
4400	1009	75	2.68				-	-	-	-	-	-	-	-	-		
4600	1024	78	2.90				-	-	-	-	-	-	-	-	-		
4800							-	-	-	-	-	-	-	-			
5000							-	-	-	-	-	-	-	-			

Shaded area indicates air flow below 3000 SCFM (300 SCFM/ton) that is not recommended for High Stage cooling or heating.

Valid motor operating range for DDC% setting is 20 - 90.

10 TON MODELS: DRG1203W, DRG1204W & DRG1207W WITH DDC CONTROLS • HIGH STATIC TO 5.0 HP (0.2 ~ 2.0 ESP) • DOWN FLOW

CFM	0.2			0.4			0.6			0.8			1.0		
	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP
1800															
2000	492	20	0.40	538	9	0.48	629	14	0.68	713	17	0.80	772	21	0.79
2200	522	23	0.46	569	13	0.54	657	19	0.76	738	22	0.91	796	25	0.87
2400	552	27	0.53	600	18	0.61	684	23	0.86	763	26	1.02	820	29	0.96
2600	583	30	0.61	631	22	0.69	712	27	0.97	787	30	1.15	844	34	1.06
2800	613	33	0.71	662	27	0.78	740	32	1.10	812	35	1.30	867	38	1.18
3000	643	37	0.81	693	32	0.87	768	36	1.23	837	39	1.47	891	42	1.30
3200	673	40	0.93	724	36	0.99	796	40	1.39	862	43	1.65	915	46	1.44
3400	704	44	1.07	755	41	1.11	823	45	1.57	886	48	1.86	938	51	1.59
3600	734	47	1.24	786	45	1.25	851	49	1.77	911	52	2.10	962	55	1.76
3800	764	51	1.42	817	50	1.41	879	53	2.00	936	56	2.37	986	59	1.94
4000	794	54	1.63	847	55	1.59	907	58	2.25	961	61	2.67	1009	63	2.14
4200	825	57	1.88	878	59	1.80	935	62	2.54	985	65	3.01	1033	68	2.37
4400	855	61	2.16	909	64	2.03	962	66	2.86	1010	69	3.40	1057	72	2.62
4600	885	64	2.49	940	68	2.28	990	71	3.22	1035	74	3.83	1080	76	2.89
4800	915	68	2.86	971	73	2.58	1018	75	3.64	1060	78	4.32	1104	80	3.20
5000	945	71	3.29	1002	78	2.90	1046	80	4.10	1084	82	4.87	1128	85	3.54
CFM	1.2			1.4			1.6			1.8			2.0		
	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP
1800	855	24	1.04	947	29	1.15	962	28	1.16	985	31	1.21	1056	33	1.42
2000	874	28	1.14	961	33	1.25	978	32	1.26	1003	34	1.31	1071	37	1.54
2200	892	32	1.26	976	37	1.35	995	36	1.36	1021	38	1.42	1085	41	1.66
2400	911	35	1.40	991	40	1.47	1012	40	1.47	1038	42	1.54	1100	45	1.80
2600	930	39	1.54	1006	44	1.59	1028	44	1.60	1056	46	1.67	1115	49	1.95
2800	949	43	1.71	1020	48	1.72	1045	48	1.73	1074	50	1.81	1130	52	2.12
3000	968	47	1.89	1035	51	1.86	1061	52	1.87	1092	54	1.96	1145	56	2.29
3200	987	51	2.09	1050	55	2.02	1078	56	2.03	1109	58	2.12	1160	60	2.48
3400	1005	55	2.30	1064	58	2.19	1095	60	2.20	1127	62	2.30	1175	64	2.69
3600	1024	59	2.55	1079	62	2.37	1111	63	2.38	1145	66	2.49	1190	68	2.91
3800	1043	63	2.81	1094	66	2.57	1128	67	2.58	1163	70	2.69	1205	72	3.16
4000	1062	67	3.11	1109	69	2.78	1145	71	2.79	1180	73	2.92	1220	75	3.42
4200	1081	70	3.44	1123	73	3.01	1161	75	3.03	1198	77	3.16	1235	79	3.70
4400	1100	74	3.80	1138	77	3.26	1178	79	3.28	1216	81	3.42	1250	83	4.01
4600	1118	78	4.20	1153	80	3.53	1194	83	3.55	1234	85	3.71	1264	87	4.35
4800	1137	82	4.64	1167	84	3.83	1211	87	3.85	1251	89	4.02	1279	91	4.71
5000	1156	86	5.13	1182	88	4.15	1228	91	4.17	1269	93	4.35			

Shaded area indicates air flow below 3000 SCFM (300 SCFM/ton) that is not recommended for High Stage cooling or heating.

Valid motor operating range for DDC% setting is 20 - 90.

HORIZONTAL FLOW

CFM	0.2			0.4			0.6			0.8			1.0		
	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP
1800										662	21	0.64	752	25	0.82
2000	445	18	0.33	509	17	0.50	606	21	0.55	681	24	0.70	769	28	0.91
2200	471	22	0.37	534	20	0.56	629	24	0.61	701	28	0.78	786	32	1.00
2400	497	25	0.42	560	24	0.63	651	28	0.67	721	32	0.86	804	35	1.11
2600	522	29	0.47	585	28	0.72	673	32	0.74	741	35	0.95	821	39	1.22
2800	548	32	0.53	610	32	0.81	695	36	0.82	761	39	1.05	838	42	1.35
3000	574	36	0.60	636	36	0.91	717	39	0.91	781	42	1.16	855	46	1.49
3200	600	39	0.68	661	40	1.03	739	43	1.00	801	46	1.28	873	49	1.65
3400	625	43	0.77	686	44	1.16	761	47	1.11	821	50	1.42	890	53	1.83
3600	651	47	0.86	712	47	1.30	783	51	1.23	841	53	1.56	907	56	2.02
3800	677	50	0.97	737	51	1.47	805	54	1.35	861	57	1.73	924	60	2.23
4000	703	54	1.10	762	55	1.66	827	58	1.50	881	60	1.91	941	63	2.46
4200	728	57	1.24	787	59	1.87	849	62	1.65	901	64	2.11	959	67	2.72
4400	754	61	1.40	813	63	2.11	871	66	1.83	921	68	2.33	976	70	3.01
4600	780	64	1.57	838	67	2.38	893	69	2.02	941	71	2.58	993	74	3.33
4800	806	68	1.77	863	70	2.68	916	73	2.23	961	75	2.85	1010	77	3.68
5000	831	72	2.00	889	74	3.02	938	77	2.47	981	78	3.15	1028	81	4.06
CFM	1.2			1.4			1.6			1.8			2.0		
	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP
1800	860	31	0.96	942	29	1.24	1012	33	1.45	1050	37	1.60	1105	40	1.63
2000	873	35	1.04	952	33	1.34	1021	37	1.58	1059	40	1.73	1111	43	1.73
2200	886	38	1.13	963	36	1.45	1030	40	1.71	1067	43	1.88	1116	46	1.84
2400	900	41	1.22	973	40	1.57	1039	43	1.85	1076	47	2.03	1122	50	1.95
2600	913	44	1.32	983	43	1.70	1049	47	2.00	1084	50	2.20	1127	53	2.07
2800	926	47	1.43	993	47	1.84	1058	50	2.17	1093	53	2.39	1133	56	2.20
3000	940	50	1.55	1003	50	2.00	1067	54	2.35	1101	56	2.59	1139	59	2.34
3200	953	54	1.68	1013	54	2.16	1076	57	2.55	1110	60	2.80	1144	62	2.48
3400	966	57	1.82	1023	57	2.34	1085	60	2.76	1118	63	3.03	1150	66	2.64
3600	980	60	1.98	1033	61	2.54	1094	64	2.99	1127	66	3.29	1155	69	2.80
3800	993	63	2.14	1043	64	2.75	1103	67	3.24	1135	69	3.56	1161	72	2.97
4000	1006	66	2.32	1053	68	2.98	1112	70	3.51	1144	73	3.86	1166	75	3.16
4200	1019	70	2.51	1063	71	3.23	1122	74	3.80	1152	76	4.18	1172	78	3.35
4400	1033	73	2.72	1073	75	3.49	1131	77	4.12	1161	79	4.53	1177	82	3.56
4600	1046	76	2.95	1083	78	3.79	1140	81	4.46	1169	83	4.90	1183	85	3.78
4800	1059	79	3.19	1094	82	4.10	1149	84	4.83	1178	86	5.31	1188	88	4.01
5000	1073	82	3.46	1104	85	4.44	1158	87	5.23	1186	89	5.76	1194	91	4.26

Shaded area indicates air flow below 3000 SCFM (300 SCFM/ton) that is not recommended for High Stage cooling or heating.

Valid motor operating range for DDC% setting is 20 - 90.

12.5 TON MODELS: DRG1503D, DRG1504D & DRG1507D WITH DDC CONTROLS • STANDARD STATIC TO 3.5 HP (0.2 ~ 0.8 ESP) • DOWN FLOW

CFM	0.2			0.4			0.6			0.8			1.0		
	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP
2000							601	20	0.62	677	22	0.67	-	-	-
2200	537	21	0.51	595	23	0.66	627	24	0.70	700	27	0.75	-	-	-
2400	561	25	0.58	620	27	0.75	653	28	0.79	724	31	0.85	-	-	-
2600	585	29	0.65	644	31	0.84	680	33	0.89	747	35	0.96	-	-	-
2800	610	33	0.74	668	35	0.95	706	37	1.00	770	39	1.08	-	-	-
3000	634	37	0.83	692	39	1.07	733	41	1.13	793	43	1.22	-	-	-
3200	658	41	0.93	717	43	1.21	759	45	1.28	817	47	1.37	-	-	-
3400	682	45	1.05	741	47	1.36	786	49	1.44	840	51	1.55	-	-	-
3600	707	49	1.19	765	52	1.54	812	54	1.62	863	56	1.74	-	-	-
3800	731	54	1.34	789	56	1.73	838	58	1.83	886	60	1.97	-	-	-
4000	755	58	1.51	814	60	1.96	865	62	2.06	909	64	2.22	-	-	-
4200	779	62	1.70	838	64	2.20	891	66	2.33	933	68	2.50	-	-	-
4400	804	66	1.92	862	68	2.49	918	70	2.62	956	72	2.82	-	-	-
4600	828	70	2.16	886	72	2.80	944	75	2.96	979	76	3.18	-	-	-

Shaded area indicates air flow below 3750 SCFM (300 SCFM/ton) that is not recommended for High Stage cooling or heating.

Valid motor operating range for DDC% setting is 20 - 90.

HORIZONTAL FLOW

CFM	0.2			0.4			0.6			0.8			1.0		
	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP
2000													-	-	-
2200										691	22	0.70	-	-	-
2400	520	23	0.57	577	18	0.62	653	24	0.66	713	26	0.77	-	-	-
2600	547	27	0.65	603	23	0.70	677	29	0.73	736	31	0.85	-	-	-
2800	574	31	0.73	630	28	0.79	700	33	0.81	759	35	0.94	-	-	-
3000	601	36	0.82	657	33	0.89	724	38	0.89	781	40	1.04	-	-	-
3200	629	40	0.93	683	38	1.00	748	42	0.99	804	45	1.15	-	-	-
3400	656	44	1.05	710	43	1.13	772	47	1.09	827	49	1.27	-	-	-
3600	683	48	1.18	736	48	1.27	796	51	1.21	849	54	1.41	-	-	-
3800	710	53	1.33	763	52	1.43	820	56	1.33	872	58	1.56	-	-	-
4000	737	57	1.50	789	57	1.62	844	60	1.47	895	63	1.72	-	-	-
4200	764	61	1.69	816	62	1.82	868	65	1.63	917	67	1.90	-	-	-
4400	791	66	1.91	842	67	2.06	892	70	1.80	940	72	2.10	-	-	-
4600	819	70	2.15	869	72	2.32	916	74	1.99	963	76	2.32	-	-	-
4800	846	74	2.42	896	77	2.61	940	79	2.20	985	81	2.57	-	-	-

Shaded area indicates air flow below 3750 SCFM (300 SCFM/ton) that is not recommended for High Stage cooling or heating.

Valid motor operating range for DDC% setting is 20 - 90.

12.5 TON MODELS: DRG1503L, DRG1504L & DRG1507L WITH DDC CONTROLS • MEDIUM STATIC TO 3.5 HP (0.2 ~ 1.4 ESP) • DOWN FLOW

CFM	0.2			0.4			0.6			0.8			1.0		
	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP
2200	537	21	0.51	595	23	0.66	627	24	0.70	700	27	0.76	764	29	0.87
2400	561	25	0.58	620	27	0.75	653	28	0.79	724	31	0.84	785	33	0.96
2600	585	29	0.65	644	31	0.84	680	33	0.89	747	35	0.93	806	37	1.06
2800	610	33	0.74	668	35	0.95	706	37	1.00	770	39	1.03	827	41	1.18
3000	634	37	0.83	692	39	1.07	733	41	1.13	793	43	1.14	848	45	1.30
3200	658	41	0.93	717	43	1.21	759	45	1.28	817	47	1.26	869	49	1.44
3400	682	45	1.05	741	47	1.36	786	49	1.44	840	51	1.39	890	53	1.59
3600	707	49	1.19	765	52	1.54	812	54	1.62	863	56	1.54	911	58	1.76
3800	731	54	1.34	789	56	1.73	838	58	1.83	886	60	1.70	932	62	1.94
4000	755	58	1.51	814	60	1.96	865	62	2.06	909	64	1.88	953	66	2.14
4200	779	62	1.70	838	64	2.20	891	66	2.33	933	68	2.08	974	70	2.37
4400	804	66	1.92	862	68	2.49	918	70	2.62	956	72	2.30	995	74	2.62
4600	828	70	2.16	886	72	2.80	944	75	2.96	979	76	2.54	1016	78	2.89
4800	852	74	2.44	911	76	3.16	970	79	3.33	1002	80	2.80	1037	82	3.20
5000	876	78	2.75												
CFM	1.2			1.4			1.6			1.8			2.0		
	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP
2200	825	31	1.09	938	42	0.93	-	-	-	-	-	-	-	-	-
2400	844	35	1.20	949	45	1.20	-	-	-	-	-	-	-	-	-
2600	863	39	1.33	961	48	1.33	-	-	-	-	-	-	-	-	-
2800	883	43	1.47	972	51	1.47	-	-	-	-	-	-	-	-	-
3000	902	48	1.62	984	54	1.62	-	-	-	-	-	-	-	-	-
3200	921	52	1.79	996	57	1.79	-	-	-	-	-	-	-	-	-
3400	940	56	1.98	1007	60	1.98	-	-	-	-	-	-	-	-	-
3600	959	60	2.19	1019	63	2.19	-	-	-	-	-	-	-	-	-
3800	978	64	2.42	1030	66	2.42	-	-	-	-	-	-	-	-	-
4000	997	68	2.67	1042	69	2.67	-	-	-	-	-	-	-	-	-
4200	1016	72	2.96	1054	72	2.96	-	-	-	-	-	-	-	-	-
4400	1036	76	3.27	1065	75	3.27	-	-	-	-	-	-	-	-	-
4600							-	-	-	-	-	-	-	-	-
4800							-	-	-	-	-	-	-	-	-
5000							-	-	-	-	-	-	-	-	-

Shaded area indicates air flow below 3750 SCFM (300 SCFM/ton) that is not recommended for High Stage cooling or heating.

Valid motor operating range for DDC% setting is 20 - 90.

HORIZONTAL FLOW

CFM	0.2			0.4			0.6			0.8			1.0				
	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP		
2200	493	18	0.51	550	13	0.55	629	19	0.60	691	22	0.70	750	23	0.83		
2400	520	23	0.57	577	18	0.62	653	24	0.66	713	26	0.77	771	28	0.91		
2600	547	27	0.65	603	23	0.70	677	29	0.73	736	31	0.85	793	32	1.01		
2800	574	31	0.73	630	28	0.79	700	33	0.81	759	35	0.94	814	37	1.12		
3000	601	36	0.82	657	33	0.89	724	38	0.89	781	40	1.04	835	42	1.23		
3200	629	40	0.93	683	38	1.00	748	42	0.99	804	45	1.15	857	46	1.36		
3400	656	44	1.05	710	43	1.13	772	47	1.09	827	49	1.27	878	51	1.51		
3600	683	48	1.18	736	48	1.27	796	51	1.21	849	54	1.41	900	55	1.67		
3800	710	53	1.33	763	52	1.43	820	56	1.33	872	58	1.56	921	60	1.84		
4000	737	57	1.50	789	57	1.62	844	60	1.47	895	63	1.72	942	65	2.03		
4200	764	61	1.69	816	62	1.82	868	65	1.63	917	67	1.90	964	69	2.25		
4400	791	66	1.91	842	67	2.06	892	70	1.80	940	72	2.10	985	74	2.48		
4600	819	70	2.15	869	72	2.32	916	74	1.99	963	76	2.32	1006	78	2.75		
4800	846	74	2.42	896	77	2.61	940	79	2.20	985	81	2.57	1028	83	3.03		
5000	873	79	2.73	922	82	2.95	964	83	2.43	1008	85	2.84	1049	87	3.35		
CFM	1.2			1.4			1.6			1.8			2.0				
	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP		
2200	804	28	1.06	862	27	1.24	-	-	-	-	-	-	-	-	-		
2400	825	32	1.17	881	32	1.37	-	-	-	-	-	-	-	-	-		
2600	845	36	1.29	900	37	1.52	-	-	-	-	-	-	-	-	-		
2800	866	41	1.42	919	41	1.68	-	-	-	-	-	-	-	-	-		
3000	887	45	1.57	938	46	1.85	-	-	-	-	-	-	-	-	-		
3200	907	49	1.74	957	51	2.05	-	-	-	-	-	-	-	-	-		
3400	928	54	1.92	976	55	2.26	-	-	-	-	-	-	-	-	-		
3600	948	58	2.13	995	60	2.50	-	-	-	-	-	-	-	-	-		
3800	969	62	2.35	1013	65	2.76	-	-	-	-	-	-	-	-	-		
4000	989	66	2.60	1032	69	3.05	-	-	-	-	-	-	-	-	-		
4200	1010	71	2.87	1051	74	3.38	-	-	-	-	-	-	-	-	-		
4400	1030	75	3.17				-	-	-	-	-	-	-	-	-		
4600	1051	79	3.50				-	-	-	-	-	-	-	-			
4800							-	-	-	-	-	-	-	-			
5000							-	-	-	-	-	-	-	-			

Shaded area indicates air flow below 3750 SCFM (300 SCFM/ton) that is not recommended for High Stage cooling or heating.

Valid motor operating range for DDC% setting is 20 - 90.

12.5 TON MODELS: DRG1503W, DRG1504W & DRG1507W WITH DDC CONTROLS • HIGH STATIC TO 5.0 HP (0.2 ~ 2.0 ESP) • DOWN FLOW

CFM	0.2			0.4			0.6			0.8			1.0		
	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP
2400	635	29	0.78	732	33	1.02	812	38	1.06	877	41	1.32	945	43	1.45
2600	667	33	0.89	758	37	1.14	835	41	1.18	898	44	1.46	964	46	1.58
2800	699	37	1.03	785	41	1.29	859	45	1.30	919	47	1.61	982	50	1.71
3000	731	41	1.18	811	44	1.45	882	48	1.44	939	51	1.78	1000	53	1.85
3200	763	45	1.36	838	48	1.64	906	52	1.59	960	54	1.97	1018	57	2.00
3400	795	49	1.56	864	52	1.85	929	55	1.75	980	57	2.18	1036	60	2.17
3600	827	53	1.80	891	55	2.09	953	59	1.94	1001	61	2.40	1055	64	2.35
3800	859	57	2.07	917	59	2.35	976	62	2.14	1021	64	2.66	1073	67	2.55
4000	891	61	2.38	944	62	2.65	1000	65	2.37	1042	67	2.94	1091	70	2.76
4200	923	64	2.74	970	66	2.99	1023	69	2.62	1063	71	3.25	1109	74	2.99
4400	955	68	3.15	997	70	3.37	1047	72	2.89	1083	74	3.59	1128	77	3.24
4600	987	72	3.62	1023	73	3.80	1070	76	3.20	1104	77	3.96	1146	81	3.51
4800	1019	76	4.16	1050	77	4.28	1094	79	3.53	1124	81	4.38	1164	84	3.80
5000	1051	80	4.79	1076	81	4.83	1117	83	3.91	1145	84	4.84	1182	88	4.12

CFM	1.2			1.4			1.6			1.8			2.0					
	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP			
2400	1010	47	1.84	1065	50	2.10	1102	52	2.13	1159	55	2.30	1193	56	2.70			
2600	1027	51	1.99	1081	53	2.28	1121	55	2.31	1179	58	2.49	1213	60	2.93			
2800	1044	54	2.16	1097	56	2.47	1139	59	2.51	1199	62	2.70	1233	63	3.17			
3000	1061	57	2.34	1112	59	2.68	1158	62	2.71	1219	65	2.93	1252	66	3.43			
3200	1077	60	2.53	1128	62	2.90	1176	65	2.94	1240	68	3.17	1272	70	3.72			
3400	1094	63	2.74	1144	65	3.14	1195	68	3.18	1260	72	3.44	1291	73	4.03			
3600	1111	66	2.97	1159	69	3.40	1213	72	3.45	1280	75	3.72	1311	76	4.37			
3800	1128	70	3.22	1175	72	3.68	1232	75	3.74	1300	78	4.03	1331	80	4.73			
4000	1145	73	3.49	1191	75	3.99	1250	78	4.05	1321	82	4.37	1350	83	5.12			
4200	1161	76	3.78	1206	78	4.32	1269	81	4.39	1341	85	4.73						
4400	1178	79	4.09	1222	81	4.68	1288	85	4.75	1361	89	5.12						
4600	1195	82	4.43	1238	84	5.07												
4800	1212	85	4.80															
5000																		

Shaded area indicates air flow below 3750 SCFM (300 SCFM/ton) that is not recommended for High Stage cooling or heating.

Valid motor operating range for DDC setting is 20 - 90.

HORIZONTAL FLOW

CFM	0.2			0.4			0.6			0.8			1.0		
	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP
2400	509	23	0.44	590	24	0.66	674	27	0.86	767	32	0.98	838	28	0.95
2600	534	26	0.49	613	28	0.74	694	31	0.97	782	36	1.08	851	32	1.03
2800	560	30	0.56	635	32	0.83	714	35	1.10	797	39	1.19	865	36	1.12
3000	586	34	0.63	657	36	0.94	734	39	1.23	811	42	1.32	878	40	1.21
3200	612	38	0.71	680	40	1.06	754	42	1.39	826	46	1.46	891	44	1.31
3400	638	42	0.80	702	44	1.19	774	46	1.57	841	49	1.61	904	48	1.42
3600	664	46	0.90	724	48	1.35	793	50	1.77	856	53	1.78	918	52	1.54
3800	690	50	1.01	747	51	1.52	813	54	2.00	870	56	1.97	931	57	1.67
4000	716	53	1.14	769	55	1.71	833	57	2.25	885	60	2.18	944	61	1.80
4200	742	57	1.29	792	59	1.93	853	61	2.54	900	63	2.40	957	65	1.95
4400	768	61	1.45	814	63	2.18	873	65	2.86	915	67	2.66	971	69	2.12
4600	793	65	1.64	836	67	2.45	893	68	3.22	930	70	2.94	984	73	2.29
4800	819	69	1.85	859	71	2.77	913	72	3.64	944	74	3.25	997	77	2.48
5000	845	73	2.08	881	75	3.12	932	76	4.10	959	77	3.59	1010	81	2.69
5200	871	76	2.35	903	78	3.52	952	80	4.62	974	81	3.96	1024	85	2.92
5400	897	80	2.65	926	82	3.97	972	83	5.21	989	84	4.38	1037	89	3.16
5600	923	84	2.99	948	86	4.47	992	87	5.88	1003	87	4.84	1050	93	3.42

CFM	1.2			1.4			1.6			1.8			2.0		
	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP	RPM	DDC %	BHP
2400	908	38	1.20	979	42	1.45	1053	43	1.59	1114	38	1.86	1134	47	1.87
2600	919	42	1.30	988	45	1.57	1059	47	1.69	1119	42	1.97	1139	50	1.98
2800	929	45	1.41	997	48	1.70	1064	50	1.79	1123	45	2.09	1144	54	2.11
3000	940	48	1.53	1007	51	1.85	1070	53	1.90	1127	48	2.22	1150	57	2.24
3200	951	51	1.66	1016	54	2.00	1075	56	2.02	1131	51	2.36	1155	60	2.37
3400	961	54	1.79	1025	57	2.17	1081	60	2.14	1135	54	2.51	1161	64	2.52
3600	972	58	1.94	1035	61	2.35	1086	63	2.28	1139	57	2.66	1166	67	2.68
3800	983	61	2.11	1044	64	2.54	1092	66	2.42	1143	61	2.83	1172	70	2.84
4000	993	64	2.28	1053	67	2.75	1097	70	2.57	1148	64	3.00	1177	73	3.02
4200	1004	67	2.47	1063	70	2.98	1103	73	2.73	1152	67	3.19	1183	77	3.20
4400	1014	71	2.68	1072	73	3.23	1108	76	2.89	1156	70	3.38	1188	80	3.40
4600	1025	74	2.90	1081	77	3.50	1114	79	3.07	1160	73	3.59	1194	83	3.61
4800	1036	77	3.14	1091	80	3.79	1119	83	3.26	1164	77	3.81	1199	86	3.84
5000	1046	80	3.40	1100	83	4.11	1125	86	3.46	1168	80	4.05	1205	90	4.07
5200	1057	83	3.69	1109	86	4.45	1130	89	3.68	1172	83	4.30	1210	93	4.32
5400	1068	87	3.99	1119	89	4.82	1136	92	3.91	1177	86	4.57	1215	96	4.59
5600	1078	90	4.33	1128	92	5.22	1141	96	4.15	1181	89	4.85	1221	99	4.88

Shaded area indicates air flow below 3750 SCFM (300 SCFM/ton) that is not recommended for High Stage cooling or heating.

Valid motor operating range for DDC setting is 20 - 90.

7.5-12.5 TONS		
DOWNFLOW ECONOMIZER PRESSURE DROP		
Cabinet	CFM	SP in.wg.
7.5 Ton	2250	.04"
	3000	.07"
	3750	.11"
8.5 Ton	2550	.06"
	3400	.10"
	4250	.16"
10 Ton	3000	.08"
	4000	.13"
	5000	.22"
12.5 Ton	3750	.14"
	5000	.24"
	6250	.36"

7.5-12.5 TONS		
HORIZONTAL ECONOMIZER PRESSURE DROP		
Cabinet	CFM	SP in.wg.
7.5 Ton	2250	.05"
	3000	.07"
	3750	.13"
8.5 Ton	2550	.07"
	3400	.13"
	4250	.18"
10 Ton	3000	.07"
	4000	.12"
	5000	.19"
12.5 Ton	3750	.09"
	5000	.15"
	6250	.24"

DRG 090 (7.5 Tons) With iLINQ Control In Modulating Hot Gas Reheat Mode-High Stage

EAT (DB °F)			75			75			75			75		
EAT (WB °F)			62			64			68			71		
Ambient Temperature (DB °F)	SCFM		2000	3000	3375	2000	3000	3375	2000	3000	3375	2000	3000	3375
95	TC	Btu/h	41,100	46,100	46,100	45,700	50,700	52,500	63,569	72,802	77,118	83,202	95,162	108,031
	S/T	-	0.63	0.79	0.85	0.51	0.66	0.70	0.35	0.39	0.41	0.30	0.30	0.29
	CMPR	kW	5.5	5.5	5.5	5.5	5.6	5.6	5.6	5.6	5.7	5.8	5.9	5.9
	LDB	°F	63.23	63.96	64.45	64.41	64.86	65.1	64.89	66.40	66.48	63.65	66.35	66.56
	LWB	°F	55.59	57.4	57.99	56.53	58.57	59.02	58.30	60.8	61.22	58.83	62.0	61.94
80	TC	Btu/h	46,800	51,800	51,600	51,400	56,400	58,000	66,989	76,038	78,230	84,256	99,845	102,545
	S/T	-	0.61	0.75	0.81	0.51	0.64	0.68	0.39	0.49	0.44	0.35	0.43	0.40
	CMPR	kW	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.8	4.9
	LDB	°F	62.02	63.23	63.74	63.08	64.06	64.38	63.12	63.71	65.73	61.60	61.99	63.95
	LWB	°F	54.55	56.74	57.43	55.51	57.92	58.47	57.70	60.40	61.11	58.63	61.50	62.41
75	TC	Btu/h	48,700	53,700	53,500	53,300	58,300	59,900	67,929	75,964	78,697	82,566	93,345	99,496
	S/T	-	0.61	0.74	0.80	0.51	0.64	0.67	0.37	0.45	0.45	0.35	0.44	0.42
	CMPR	kW	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.7
	LDB	°F	61.5	62.96	63.47	62.64	63.69	64.19	63.6	64.64	65.46	61.9	62.55	63.74
	LWB	°F	54.2	56.52	57.23	55.17	57.7	58.28	57.55	60.42	61.07	58.92	62.18	62.69
70	TC	Btu/h	50,600	55,600	55,300	55,200	60,200	61,700	69,124	76,655	79,899	82,052	90,760	100,132
	S/T	-	0.60	0.73	0.79	0.51	0.63	0.67	0.39	0.50	0.46	0.35	0.47	0.42
	CMPR	kW	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.6	4.6
	LDB	°F	61.20	62.70	63.23	62.20	63.51	63.86	62.75	63.39	65.10	61.95	62.07	63.67
	LWB	°F	53.84	56.29	57.05	54.82	57.49	58.10	57.33	60.33	60.95	59.00	62.44	62.63
65	TC	Btu/h	52,497	57,497	57,185	57,112	62,112	63,550	70,734	78,681	82,121	83,691	96,543	104,200
	S/T	-	0.60	0.72	0.78	0.50	0.63	0.66	0.39	0.47	0.44	0.37	0.45	0.40
	CMPR	kW	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.4	4.4	4.3	4.5	4.7
	LDB	°F	60.68	62.46	62.99	62.02	63.14	63.70	62.46	63.79	65.27	60.92	61.84	63.77
	LWB	°F	53.49	56.07	56.85	54.48	57.27	57.91	57.05	60.12	60.74	58.72	61.84	62.26

DRG 090 (7.5 Tons) With iLINQ Control In Modulating Hot Gas Reheat Mode-Low Stage

EAT (DB °F)			75			75			75			75		
EAT (WB °F)			62			64			68			71		
Ambient Temperature (DB °F)	SCFM		2000	3000	3375	2000	3000	3375	2000	3000	3375	2000	3000	3375
60	TC	Btu/h	6,600	7,900	7,600	6,500	7,800	6,500	7,832	10,061	7,204	9,463	13,294	9,510
	S/T	-	0.62	0.78	0.79	0.30	0.51	0.45	0.008	0.157	0.033	0.003	0.035	0.008
	CMPR	kW	2.1	2.1	2.1	2.2	2.1	2.1	2.2	2.1	2.1	2.2	2.1	2.1
	LDB	°F	73.14	73.13	73.38	74.11	73.79	74.21	74.96	74.51	74.94	75.00	74.88	74.97
	LWB	°F	61.45	61.66	61.79	63.01	63.21	63.42	66.92	67.07	67.42	69.78	69.86	70.28
50	TC	Btu/h	9,100	10,300	10,700	9,000	10,300	9,600	10,500	12,661	11,905	11,916	15,671	13,463
	S/T	-	0.62	0.75	0.75	0.39	0.54	0.52	0.126	0.210	0.162	0.057	0.065	0.041
	CMPR	kW	2.1	2.0	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
	LDB	°F	72.44	72.66	72.84	73.4	73.31	73.66	74.38	74.19	74.49	74.68	74.67	74.85
	LWB	°F	61.05	61.41	61.49	62.62	62.95	63.13	66.54	66.8	67.03	69.46	69.7	69.98
40	TC	Btu/h	11,500	12,800	13,900	11,500	12,700	12,800	13,049	15,101	15,016	14,063	17,368	16,919
	S/T	-	0.63	0.73	0.73	0.44	0.56	0.55	0.20	0.249	0.219	0.091	0.079	0.049
	CMPR	kW	2.1	2.0	2.0	2.1	2.0	2.0	2.1	2.0	2.0	2.1	2.1	2.0
	LDB	°F	71.71	72.17	72.27	72.7	72.84	73.1	73.81	73.86	74.11	74.42	74.58	74.77
	LWB	°F	60.66	61.14	61.19	62.23	62.7	62.84	66.18	66.60	66.76	69.17	69.50	69.71

TC: Total Capacity (Btu/h); S/T: Sensible to Total Capacity Ratio; CMPR: Compressor Power (kW); LDB: Leaving Dry Bulb Temperature (°F); LWB: Leaving Wet Bulb Temperature (°F)

DRG 102 (8.5 Tons) WITH ILINQ CONTROL IN MODULATING HOT GAS REHEAT MODE-HIGH STAGE

EAT (DB °F)			75			75			75			75		
EAT (WB °F)			62			64			68			71		
Ambient Temperature (DB °F)		SCFM	2000	3000	4000	2000	3000	4000	2000	3000	4000	2000	3000	4000
95	TC	Btu/h	31,200	31,100	33,000	37,200	39,300	40,400	54,170	61,639	62,269	70,900	80,570	87,230
	S/T	-	0.48	0.81	0.96	0.34	0.59	0.71	0.21	0.31	0.38	0.18	0.24	0.28
	CMPR	kW	6.1	6.2	6.2	6.1	6.2	6.2	6.2	6.2	6.2	6.4	6.4	6.5
	LDB	°F	68.19	67.37	67.80	69.25	67.97	68.48	69.83	69.21	69.62	69.20	69.14	69.45
	LWB	°F	57.36	59.12	59.82	58.04	59.85	60.83	59.90	61.97	63.50	60.88	63.54	65.03
80	TC	Btu/h	46,600	49,200	53,800	52,600	57,400	61,200	69,822	81,182	83,231	87,820	106,600	109,100
	S/T	-	0.49	0.67	0.79	0.39	0.54	0.64	0.29	0.39	0.41	0.26	0.35	0.37
	CMPR	kW	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.3	5.4
	LDB	°F	64.62	65.01	65.34	65.68	65.61	66.1	65.80	65.4	67.2	64.62	63.7	65.8
	LWB	°F	54.61	57.06	58.07	55.32	57.82	59.11	57.24	59.86	61.87	58.06	60.80	63.38
75	TC	Btu/h	51,700	55,300	60,700	57,700	63,500	68,100	74,538	86,019	89,695	90,600	105,700	113,400
	S/T	-	0.49	0.65	0.75	0.40	0.53	0.63	0.29	0.36	0.42	0.27	0.35	0.39
	CMPR	kW	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.1	5.1
	LDB	°F	63.49	64.11	64.65	64.51	64.8	65.25	65.17	65.62	66.44	63.88	63.79	64.95
	LWB	°F	53.66	56.34	57.48	54.39	57.12	58.53	56.42	59.34	61.36	57.58	60.90	63.04
70	TC	Btu/h	56,900	61,300	67,600	62,800	69,500	75,000	79,409	91,469	96,789	94,260	108,300	121,300
	S/T	-	0.49	0.63	0.73	0.41	0.52	0.62	0.32	0.40	0.42	0.29	0.38	0.39
	CMPR	kW	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.9	4.8	4.9	4.9
	LDB	°F	62.33	63.30	63.78	63.30	64.05	64.43	63.45	63.91	65.76	62.57	62.53	64.25
	LWB	°F	52.68	55.63	56.87	53.44	56.42	57.94	55.54	58.72	60.79	56.94	60.61	62.44
65	TC	Btu/h	61,991	67,390	74,566	67,973	75,583	81,951	84,676	98,402	105,050	100,186	119,373	135,857
	S/T	-	0.49	0.61	0.71	0.42	0.51	0.61	0.33	0.38	0.40	0.31	0.36	0.37
	CMPR	kW	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.5	4.8	5.0
	LDB	°F	61.19	62.54	62.97	62.02	63.32	63.64	62.30	63.67	65.45	60.88	61.98	63.58
	LWB	°F	51.69	54.89	56.26	52.45	55.70	57.34	54.58	57.94	60.12	55.89	59.41	61.30

DRG 102 (8.5 Tons) WITH ILINQ CONTROL IN MODULATING HOT GAS REHEAT MODE-LOW STAGE

EAT (DB °F)			75			75			75			75		
EAT (WB °F)			62			64			68			71		
Ambient Temperature (DB °F)		SCFM	2000	3000	4000	2000	3000	4000	2000	3000	4000	2000	3000	4000
60	TC	Btu/h	21,600	15,000	7,900	24,800	18,300	10,800	33,353	27,359	20,355	39,670	36,150	34,810
	S/T	-	0.64	0.77	0.89	0.51	0.57	0.54	0.27	0.25	0.20	0.10	0.06	0.05
	CMPR	kW	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
	LDB	°F	68.72	71.5	73.4	69.25	71.84	73.67	70.91	72.93	74.07	73.16	74.4	74.62
	LWB	°F	58.99	60.9	61.87	60.09	62.12	63.18	63.18	65.43	66.59	65.64	67.83	68.73
50	TC	Btu/h	25,500	19,000	12,200	28,700	22,200	15,100	36,983	30,968	24,245	41,970	38,330	36,490
	S/T	-	0.63	0.74	0.80	0.52	0.57	0.56	0.300	0.270	0.250	0.135	0.084	0.064
	CMPR	kW	2.3	2.3	2.3	2.3	2.3	2.3	2.4	2.3	2.3	2.4	2.4	2.3
	LDB	°F	67.7	70.74	72.78	68.22	71.17	73.08	69.96	72.47	73.62	72.42	74.02	74.47
	LWB	°F	58.33	60.47	61.53	59.45	61.7	62.84	62.61	65.08	66.31	65.3	67.62	68.62
40	TC	Btu/h	29,400	22,900	16,600	32,600	26,100	19,500	40,504	34,414	27,950	43,650	39,580	37,110
	S/T	-	0.63	0.71	0.75	0.53	0.58	0.58	0.32	0.29	0.27	0.15	0.09	0.06
	CMPR	kW	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.4	2.3	2.3
	LDB	°F	66.58	70.07	72.17	67.15	70.41	72.43	69.11	71.98	73.28	72.02	73.92	74.49
	LWB	°F	57.66	60.04	61.18	58.79	61.29	62.50	62.06	64.74	66.04	65.05	67.51	68.58

TC: Total Capacity (Btu/h); S/T: Sensible to Total Capacity Ratio; CMPR: Compressor Power (kW); LDB: Leaving Dry Bulb Temperature (°F); LWB: Leaving Wet Bulb Temperature (°F)

DRG 120 (10 Tons) WITH iLINQ CONTROL IN MODULATING HOT GAS REHEAT MODE-HIGH STAGE

EAT (DB °F)			75			75			75			75		
EAT (WB °F)			62			64			68			71		
Ambient Temperature (DB °F)		SCFM	2250	3500	4000	2250	3500	4000	2250	3500	4000	2250	3500	4000
95	TC	Btu/h	31,800	24,800	19,500	37,400	30,300	24,600	53,885	46,723	38,710	70,527	61,072	54,228
	S/T	-	0.35	0.39	0.54	0.23	0.23	0.28	0.12	0.09	0.09	0.10	0.07	0.06
	CMPR	kW	6.7	6.6	6.6	6.8	6.7	6.7	6.8	6.8	6.8	7.0	7.0	7.1
	LDB	°F	70.50	72.49	72.61	71.52	73.19	73.43	72.39	73.91	74.21	72.15	73.89	74.26
	LWB	°F	57.88	60.24	60.95	58.72	61.33	62.12	60.93	64.20	65.28	62.20	66.32	67.41
80	TC	Btu/h	47,300	41,100	42,300	54,200	48,000	47,300	72,648	67,885	63,508	91,374	89,139	83,246
	S/T	-	0.44	0.48	0.59	0.36	0.39	0.45	0.27	0.28	0.26	0.25	0.25	0.24
	CMPR	kW	5.9	5.8	5.8	5.9	5.9	5.9	5.9	6.0	6.0	5.9	6.1	6.1
	LDB	°F	66.59	69.88	69.33	67.12	70.14	70.16	67.07	70.06	71.25	65.77	69.21	70.46
	LWB	°F	55.45	58.68	59.07	56.12	59.67	60.29	58.15	62.34	63.42	59.17	63.95	65.33
75	TC	Btu/h	52,700	46,500	47,400	59,500	53,400	52,400	77,626	72,333	68,215	94,353	88,883	86,243
	S/T	-	0.46	0.50	0.58	0.38	0.41	0.45	0.28	0.28	0.28	0.26	0.27	0.26
	CMPR	kW	5.8	5.6	5.6	5.8	5.7	5.7	5.8	5.8	5.7	5.8	5.8	5.8
	LDB	°F	65.21	68.96	68.75	65.86	69.31	69.64	66.22	69.74	70.66	65.09	68.77	69.90
	LWB	°F	54.57	58.16	58.64	55.27	59.16	59.87	57.39	61.94	63.06	58.73	63.97	65.11
70	TC	Btu/h	58,100	51,900	52,500	64,900	58,800	57,500	82,762	77,278	73,408	98,240	91,498	91,998
	S/T	-	0.47	0.51	0.57	0.40	0.43	0.45	0.32	0.33	0.29	0.28	0.31	0.27
	CMPR	kW	5.6	5.4	5.4	5.6	5.5	5.5	5.6	5.6	5.6	5.6	5.6	5.7
	LDB	°F	63.97	68.12	68.20	64.51	68.43	69.12	64.30	68.38	70.16	63.89	67.63	69.35
	LWB	°F	53.67	57.63	58.20	54.39	58.64	59.45	56.58	61.48	62.66	58.14	63.74	64.68
65	TC	Btu/h	63,385	57,309	58,349	70,396	64,320	63,290	88,513	83,780	80,341	104,726	102,800	103,902
	S/T	-	0.48	0.53	0.57	0.42	0.45	0.47	0.34	0.34	0.29	0.32	0.32	0.27
	CMPR	kW	5.4	5.2	5.2	5.4	5.3	5.3	5.4	5.4	5.4	5.3	5.6	5.8
	LDB	°F	62.71	67.11	67.44	63.05	67.48	68.24	62.84	67.60	69.70	61.46	66.46	68.62
	LWB	°F	52.78	57.09	57.70	53.48	58.10	58.96	55.66	60.89	62.12	57.13	62.75	63.80

DRG (10 Tons) WITH iLINQ CONTROL IN MODULATING HOT GAS REHEAT MODE-LOW STAGE

EAT (DB °F)			75			75			75			75		
EAT (WB °F)			62			64			68			71		
Ambient Temperature (DB °F)		SCFM	2250	3500	4000	2250	3500	4000	2250	3500	4000	2250	3500	4000
60	TC	Btu/h	27,200	22,000	18,800	30,600	25,400	23,100	40,553	36,807	35,000	49,000	48,634	46,200
	S/T	-	0.56	0.77	0.82	0.44	0.59	0.60	0.23	0.27	0.26	0.09	0.06	0.06
	CMPR	kW	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
	LDB	°F	68.85	70.60	71.50	69.56	71.11	71.85	71.23	72.42	72.93	73.22	74.24	74.37
	LWB	°F	58.56	60.48	61.00	59.71	61.75	62.22	62.77	65.02	65.53	65.08	67.32	67.96
50	TC	Btu/h	31,900	26,700	23,100	35,300	30,100	27,300	44,936	41,003	42,622	50,996	50,750	48,200
	S/T	-	0.59	0.76	0.82	0.47	0.61	0.64	0.27	0.29	0.30	0.12	0.09	0.08
	CMPR	kW	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
	LDB	°F	67.40	69.73	70.70	68.30	70.23	71.03	70.10	71.91	72.09	72.53	73.81	74.12
	LWB	°F	57.84	60.04	60.65	59.01	61.32	61.88	62.16	64.66	64.97	64.81	67.15	67.82
40	TC	Btu/h	36,600	31,400	27,300	40,000	34,800	31,600	49,189	45,031	44,820	53,009	51,791	50,500
	S/T	-	0.60	0.76	0.83	0.50	0.63	0.66	0.30	0.32	0.32	0.14	0.10	0.07
	CMPR	kW	2.6	2.6	2.6	2.6	2.6	2.7	2.7	2.6	2.7	2.7	2.7	2.7
	LDB	°F	66.13	68.80	69.85	66.92	69.31	70.26	69.04	71.26	71.74	72.00	73.65	74.20
	LWB	°F	57.11	59.59	60.30	58.29	60.88	61.54	61.56	64.32	64.81	64.54	67.06	67.67

TC: Total Capacity (Btu/h); S/T: Sensible to Total Capacity Ratio; CMPR: Compressor Power (kW); LDB: Leaving Dry Bulb Temperature (°F); LWB: Leaving Wet Bulb Temperature (°F)

DRG 150 (12.5 Tons) With iLINQ CONTROL IN MODULATING HOT GAS REHEAT MODE-HIGH STAGE

EAT (DB °F)			75			75			75			75		
EAT (WB °F)			62			64			68			71		
Ambient Temperature (DB °F)		SCFM	2250	3800	4200	2250	3800	4200	2250	3800	4200	2250	3800	4200
95	TC	Btu/h	45,100	41,500	41,100	50,700	51,900	52,500	75,710	82,800	83,500	99,092	108,230	116,972
	S/T	-	0.39	0.55	0.59	0.28	0.43	0.48	0.21	0.27	0.33	0.18	0.20	0.24
	CMPR	kW	8.6	8.7	8.7	8.8	8.9	8.9	9.2	9.3	9.4	9.4	9.7	9.8
	LDB	°F	67.89	69.54	69.75	69.26	69.66	69.55	68.58	69.65	69.04	67.79	69.82	68.92
	LWB	°F	55.81	58.96	59.33	56.69	59.69	60.06	57.70	61.59	62.18	58.05	63.05	63.24
80	TC	Btu/h	51,900	54,400	55,300	57,800	60,800	61,400	79,180	86,830	88,790	99,590	114,016	116,387
	S/T	-	0.39	0.55	0.59	0.30	0.42	0.46	0.21	0.27	0.28	0.19	0.24	0.25
	CMPR	kW	7.5	7.4	7.4	7.6	7.6	7.5	7.8	7.9	8.0	7.7	8.1	8.2
	LDB	°F	66.82	67.84	67.94	67.99	68.89	68.89	68.28	69.39	69.62	67.35	68.45	68.70
	LWB	°F	54.71	57.80	58.19	55.56	58.91	59.36	57.17	61.25	61.79	57.97	62.57	63.28
75	TC	Btu/h	54,200	58,700	60,100	60,200	63,700	64,300	79,360	87,560	89,790	96,461	107,594	113,520
	S/T	-	0.39	0.54	0.59	0.30	0.42	0.45	0.20	0.26	0.27	0.19	0.25	0.25
	CMPR	kW	7.3	7.2	7.2	7.4	7.3	7.3	7.5	7.6	7.7	7.5	7.7	7.8
	LDB	°F	66.46	67.42	67.32	67.70	68.60	68.74	68.59	69.55	69.75	67.59	68.56	68.86
	LWB	°F	54.33	57.41	57.80	55.18	58.65	59.14	57.14	61.19	61.72	58.44	63.09	63.48
70	TC	Btu/h	56,500	63,000	64,800	62,500	66,700	67,300	80,630	87,630	88,890	95,709	103,755	111,401
	S/T	-	0.39	0.54	0.59	0.31	0.41	0.45	0.20	0.25	0.27	0.18	0.24	0.25
	CMPR	kW	7.0	6.9	6.9	7.2	7.1	7.1	7.3	7.4	7.4	7.3	7.4	7.5
	LDB	°F	66.10	66.86	66.72	67.17	68.46	68.44	68.48	69.76	69.81	68.04	69.04	68.97
	LWB	°F	53.96	57.01	57.41	54.80	58.38	58.90	56.94	61.19	61.79	58.55	63.40	63.63
65	TC	Btu/h	58,802	67,312	69,574	64,872	69,631	70,226	83,937	86,828	85,179	99,312	105,332	110,159
	S/T	-	0.39	0.54	0.59	0.31	0.41	0.44	0.20	0.25	0.29	0.19	0.24	0.27
	CMPR	kW	6.7	6.7	6.6	6.9	6.8	6.8	7.0	7.1	7.0	6.9	7.3	7.5
	LDB	°F	65.73	66.30	66.12	66.87	68.17	68.31	68.22	69.81	69.65	67.38	68.95	68.56
	LWB	°F	53.57	56.61	57.01	54.42	58.12	58.66	56.43	61.26	62.06	58.01	63.28	63.72

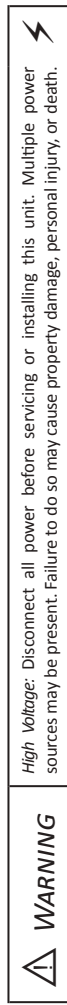
DRG 150 (12.5 Tons) With iLINQ CONTROL IN MODULATING HOT GAS REHEAT MODE-LOW STAGE

EAT (DB °F)			75			75			75			75		
EAT (WB °F)			62			64			68			71		
Ambient Temperature (DB °F)		SCFM	2250	3800	4200	2250	3800	4200	2250	3800	4200	2250	3800	4200
60	TC	Btu/h	17,700	9,000	6,200	21,500	13,100	10,600	32,772	24,946	24,671	45,000	45,260	44,510
	S/T	-	0.46	0.68	0.68	0.28	0.31	0.24	0.050	0.040	0.080	0.016	0.007	0.001
	CMPR	kW	3.7	3.6	3.6	3.7	3.6	3.6	3.7	3.7	3.7	3.8	3.8	3.8
	LDB	°F	71.71	73.54	74.09	72.57	74.03	74.45	74.34	74.76	74.57	74.71	74.92	74.99
	LWB	°F	59.98	61.75	62.03	61.04	62.95	63.24	63.84	66.18	66.37	65.60	67.87	68.23
50	TC	Btu/h	23,200	15,200	12,500	27,100	19,200	16,900	37,698	31,359	30,049	47,000	46,020	45,550
	S/T	-	0.49	0.62	0.61	0.35	0.38	0.35	0.110	0.100	0.080	0.011	0.000	0.000
	CMPR	kW	3.6	3.6	3.6	3.6	3.6	3.6	3.7	3.6	3.6	3.7	3.7	3.7
	LDB	°F	70.41	72.75	73.35	71.17	73.25	73.72	73.32	74.25	74.48	74.79	75.00	75.00
	LWB	°F	59.17	61.23	61.56	60.23	62.45	62.77	63.18	65.69	66.01	65.35	67.82	68.16
40	TC	Btu/h	28,800	21,300	18,800	32,600	25,300	23,200	42,206	36,367	35,232	46,610	45,820	45,480
	S/T	-	0.51	0.59	0.59	0.39	0.42	0.40	0.160	0.150	0.150	0.004	0.001	0.000
	CMPR	kW	3.6	3.5	3.5	3.6	3.6	3.6	3.7	3.6	3.6	3.7	3.7	3.7
	LDB	°F	69.07	71.99	72.60	69.86	72.46	72.99	72.27	73.69	73.86	74.92	74.99	75.00
	LWB	°F	58.32	60.71	61.08	59.42	61.95	62.30	62.55	65.31	65.65	65.40	67.83	68.16

TC: Total Capacity (Btu/h); S/T: Sensible to Total Capacity Ratio; CMPR: Compressor Power (kW); LDB: Leaving Dry Bulb Temperature (°F); LWB: Leaving Wet Bulb Temperature (°F)

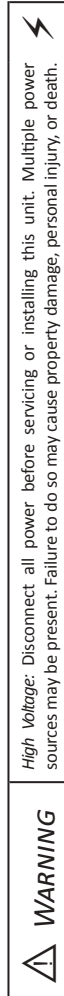
Electrical Data

Model Number	Electrical Rating	Compressor			Outdoor Fan Motor			Indoor Fan Motor			Optional Electric Heat			Optional Powered Convenience Outlet	Optional Power Exhaust	Power Supply	
		QTY	RLA	LRA	QTY	HP	FLA	Type	HP	FLA	Part #	KW*	FLA	FLA	FLA	MCA	MOP
DRG1503L	208/230/3/60	2	19	123	2	0.33	3.5	Direct Drive Medium Static	3.5	10.9	-	-	-	-	-	60.7/60.7	70/70
											-	-	-	9.6/8.7	-	70.3/69.4	80/80
											-	-	-	-	3.3/3.0	64.0/63.7	70/70
											-	-	-	9.6/8.7	3.3/3.0	73.6/72.4	80/80
DRG1503W	208/230/3/60	2	19	123	2	0.33	3.5	Direct Drive High Static	5	14.5	-	-	-	-	-	64.3/64.3	80/80
											-	-	-	9.6/8.7	-	73.9/73.0	90/90
											-	-	-	-	3.3/3.0	67.6/67.3	80/80
											-	-	-	9.6/8.7	3.3/3.0	77.2/76.0	90/90
DRG1504D	460/3/60	2	9.7	62	2	0.33	1.6	Direct Drive Standard Static	2.4	5.4	-	-	-	-	-	30.5	40
											-	-	-	4.3	-	34.8	40
											-	-	-	-	1	31.5	40
											-	-	-	4.3	1	35.8	40
DRG1504L	460/3/60	2	9.7	62	2	0.33	1.6	Direct Drive Medium Static	3.5	7.2	-	-	-	-	-	32.3	40
											-	-	-	4.3	-	36.6	45
											-	-	-	-	1	33.3	40
											-	-	-	4.3	1	37.6	45
DRG1504W	460/3/60	2	9.7	62	2	0.33	1.6	Direct Drive High Static	5	10.6	-	-	-	-	-	35.7	45
											-	-	-	4.3	-	40	45
											-	-	-	-	1	36.7	45
											-	-	-	4.3	1	41	45
DRG1507D	575/3/60	2	7.4	50	2	0.33	3.5	Direct Drive Standard Static	2.4	4	-	-	-	-	-	27.7	35
											-	-	-	3.5	-	31.2	35
											-	-	-	-	1.2	28.9	35
											-	-	-	3.5	1.2	32.4	35
DRG1507L	575/3/60	2	7.4	50	2	0.33	3.5	Direct Drive Medium Static	3.5	5	-	-	-	-	-	28.7	35
											-	-	-	3.5	-	32.2	35
											-	-	-	-	1.2	29.9	35
											-	-	-	3.5	1.2	33.4	35
DRG1507W	575/3/60	2	7.4	50	2	0.33	3.5	Direct Drive High Static	5	7.2	-	-	-	-	-	30.9	35
											-	-	-	3.5	-	34.4	40
											-	-	-	-	1.2	32.1	35
											-	-	-	3.5	1.2	35.6	40

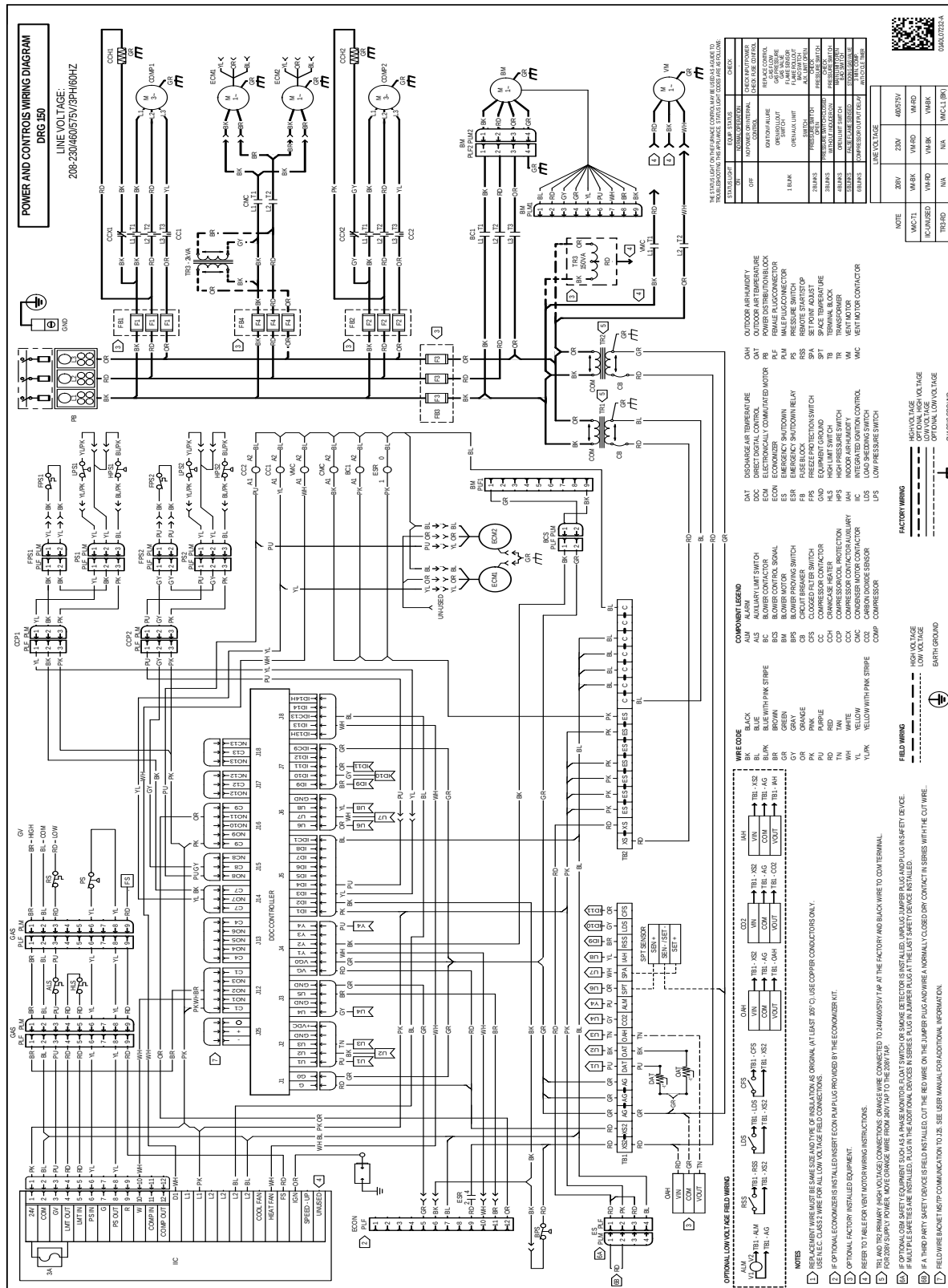




Wiring is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.



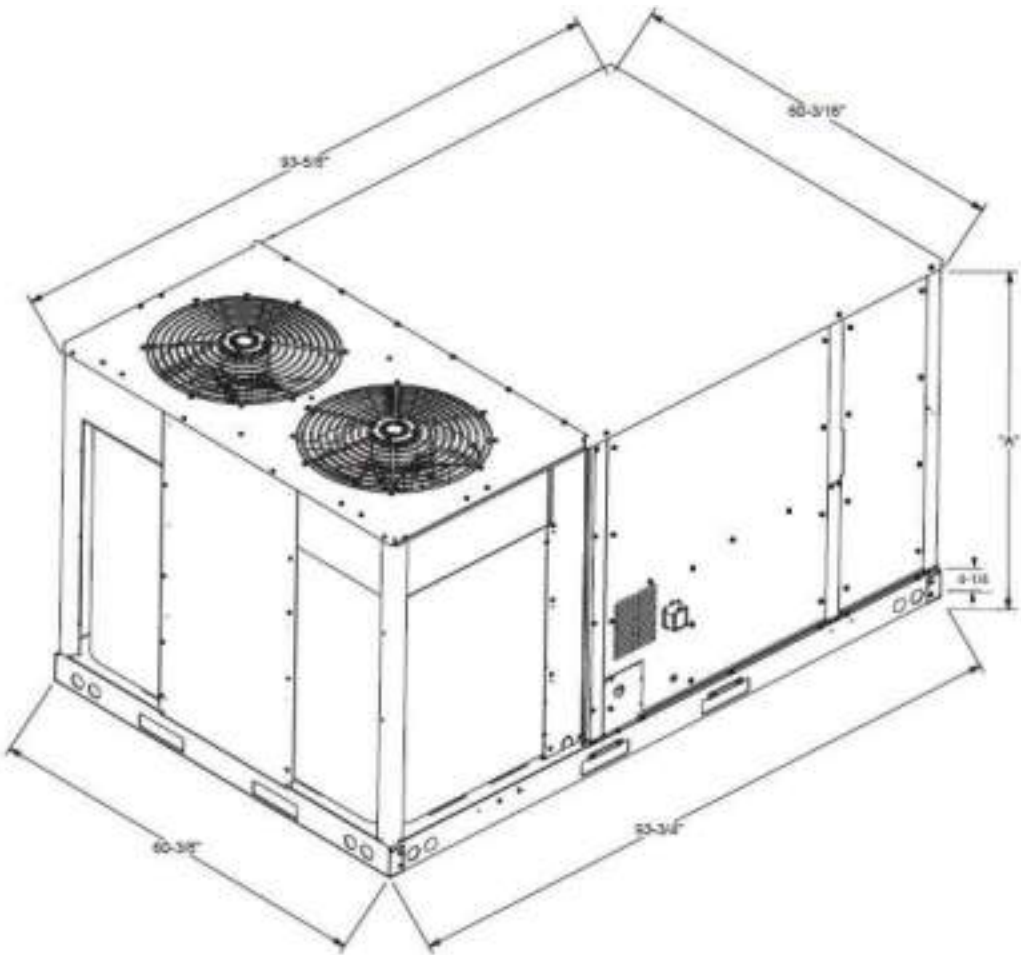
Wiring is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.



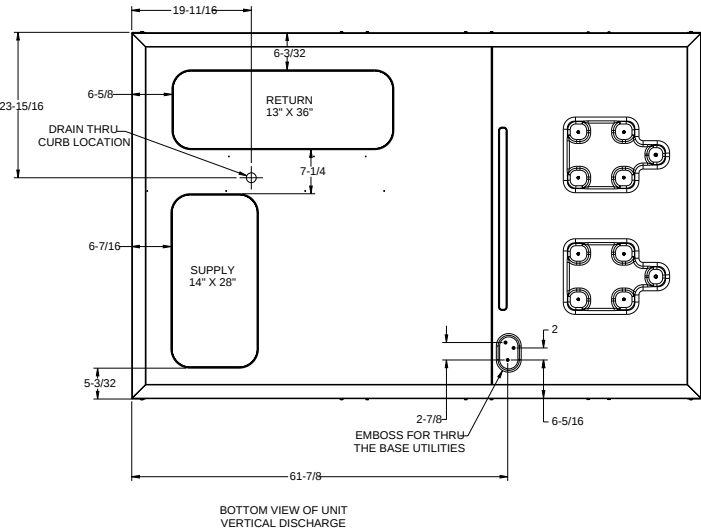
Wiring is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.

WARNING

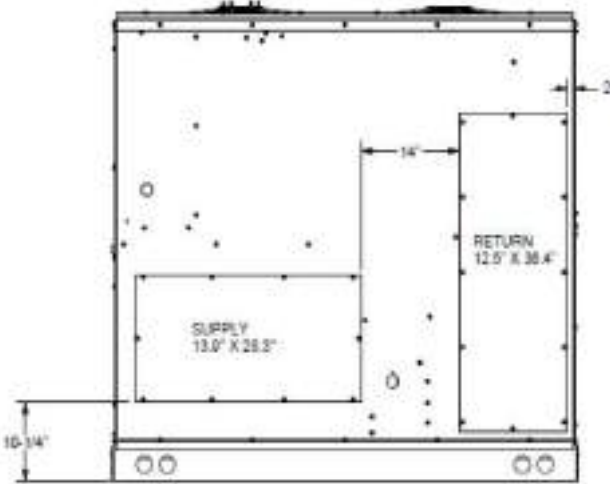
High Voltage: Disconnect all power before servicing or installing this unit. Multiple power sources may be present. Failure to do so may cause property damage, personal injury, or death.



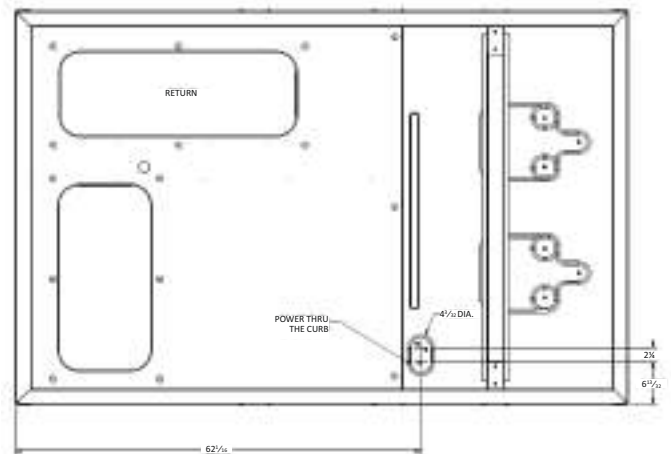
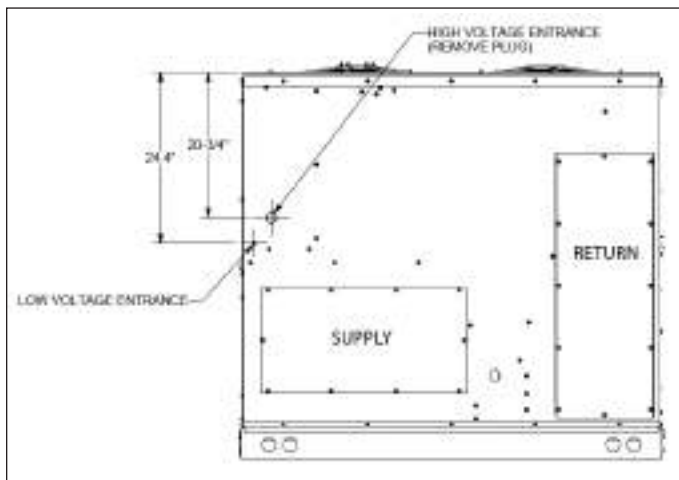
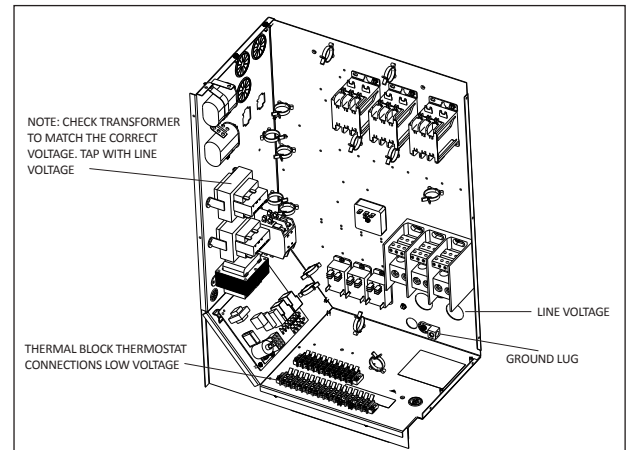
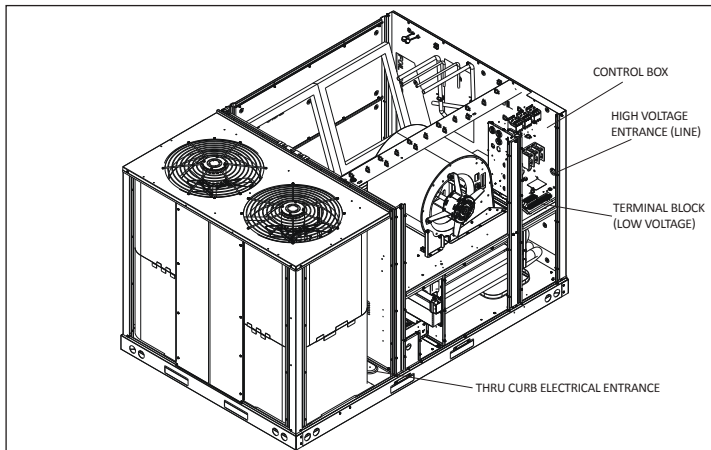
Model Size	DIM "A"
7½ TON GAS	54 $\frac{3}{20}$
8½ TON GAS	54 $\frac{3}{20}$
10 TON GAS	54 $\frac{3}{20}$
12½ TON GAS	58 $\frac{3}{5}$



**BOTTOM VIEW OF UNIT
VERTICAL DISCHARGE**



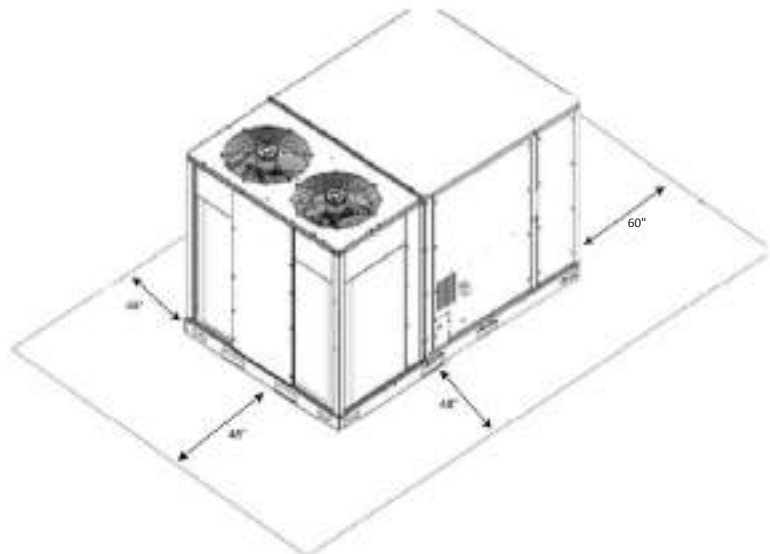
HORIZONTAL DISCHARGE



Unit Clearances

Service Clearance

Allow for recommended service clearances as shown in figure to the right. In situations that have multiple units, a 36" minimum clearance is required between the condenser coils. A clearance of 48" is recommended on all sides of the unit to allow service access and to ensure proper ventilation and condenser airflow. The top of the unit should be unobstructed. Provide a roof walkway along the sides of the unit for service and access to controls and components. Contact your Daikin sales representative for service requirements less than those recommended.



Unit Location

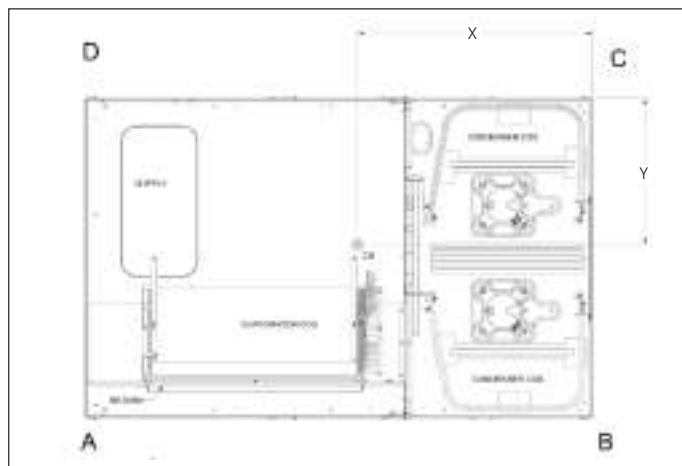
The structural engineer must verify that the roof has adequate support and ability to minimize deflection. Take extreme caution when using on a wooden roof structure. Unit condenser coils should be in a location that avoids any heated exhaust air.

Allow sufficient space around the unit for maintenance/service clearance. Consult your Daikin sales representative if available clearances do not meet minimum recommendations.

Where code considerations, such as the NEC, require extended clearances, these take precedence.

Provisions for forks have been included in the unit base frame. No other fork locations are approved.

- » Unit must be lifted by the four lifting holes located at the base frame corners.
- » Lifting cables should be attached to the unit with shackles.
- » The distance between the crane hook and the top of the unit must not be less than 60".
- » Two spreader bars must span over the unit to prevent damage to the cabinet by the lift cables. Spreader bars must be of sufficient length so that cables do not come in contact with the unit during transport. Remove wood struts mounted beneath unit base



CORNER & CENTER-OF-GRAVITY LOCATIONS

frame before setting unit on roof curb. These struts are intended to protect unit base frame from fork lift damage. To remove the struts, extract the sheet metal retainers and pull the struts through the base of the unit. Refer to rigging label on the unit.

Important: If using bottom discharge with roof curb, ductwork should be attached to the curb prior to installing the unit. Refer to the Roof Curb Installation Instructions for proper curb installation. Curbing must be installed in compliance with the National Roofing Contractors Association Manual. Lower unit carefully onto roof mounting curb. While rigging the unit, the center of gravity will cause the condenser end to be lower than the supply air end. Bring condenser end of unit into alignment with the curb. With condenser end of the unit resting on curb member and using curb as a fulcrum, lower opposite end of the unit until entire unit is seated on the curb. When a rectangular cantilever curb is used, take care to center the unit. Check for proper alignment and orientation of supply and return openings with duct.

Roof Curb Installation

The roof curb is field-assembled and must be installed level (within 1/16" per foot side to side). A sub-base must be constructed by the contractor in applications involving pitched roofs. Gaskets are furnished and must be installed between the unit and curb. For proper installation, follow NRCA guidelines. In applications requiring post and rail installation, an I-beam securely mounted on multiple posts should support the unit on each side. In addition, the insulation on the underside of the unit should be protected from the elements. Applications in geographic areas subjected to seismic or hurricane conditions must meet code requirements for fastening the unit to the curb and the curb to the building structure. For further and more detailed information please refer to our Daikin Light Commercial Packaged unit IOD.

Weights

Model	Shipping Weight (lbs)	Operating Weight (lbs)	Corner Weights (lbs)				Length X (in)	Width Y (in)
			A	B	C	D		
DRG090	1237	1162	316%	277%	213%	353%	46	33
DRG102	1248	1173	298	302	252	321	46	32
DRG120	1267	1192	312%	287%	237%	355%	47	32
DRG150	1345	1270	301%	366%	324%	278%	44	30

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

This image shows a blank sheet of white paper designed for taking notes. At the top left corner, the word "Notes" is written in a blue, sans-serif font. A solid blue horizontal line runs across the entire width of the page, positioned directly below the word "Notes". Below this blue line, the rest of the page is filled with thin, light gray horizontal lines spaced evenly apart, providing a guide for writing.

Notes

Our continuing commitment to quality products may mean a change in specifications without notice.

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