

ITEM # DFG0483DH00001S, 4 TON GAS/ELECTRIC DIRECT DRIVE 3 PHASE 208-230V

4 Ton Gas/Electric Direct Drive 3 Phase 208-230V



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Specifications

Type	Light Commercial Packaged Gas/Electric
Cooling Capacity	47000 Btu/h 4 T
SEER	14.0
EER	11.5
SEER2	13.4
EER2	11.0
AHRI Reference #	208120665
Sound Level	78.4 dB
Operating Weight	548 lb
Shipping Weight	618 lb

Heating Capacity

Heating Capacity	115000 Btu/h
Heat Range	High

No. of Burners	5
High Stage Input	115.0 Btu/h
High Stage Output	92.0 Btu/h
Low Stage Input	86.3 Btu/h
Low Stage Output	69.0 Btu/h
Thermal Efficiency	80
High Stage Temperature Rise Range	30 to 60 °F
Low Stage Temperature Rise Range	25 to 55 °F

Evaporator Motor / Coil

Evaporator Motor Type	Direct Drive
External Static Pressure (ESP)	Standard
Wheel Dia. x Width	12 x 11 in
Indoor Nominal CFM	1570
RPM	1200/VAR
Evaporator Motor Horsepower	1.0 hp
Filter Size	20 x 25 x 2 (2) in
Drain Size (NPT)	3/4 in
R-410A Refrigerant Charge	79 oz
Evaporator Coil Face Area	6.41 ft ²
Rows Deep	3
Fins per Inch	16

Condenser Fan / Coil

Quantity of Condenser Fan Motors	1
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RPM (High/Low stage)	1122
Outdoor Horsepower	1/3 hp
Diameter	22 in
No. of Fan Blades	3
Condenser Coil Face Area	12.3 ft ²
Rows Deep	1
Fins per Inch	23

Compressor

Quantity	1
Type	Scroll
Stage	1
Rated Load Amps	13.1 A
Locked Rotor Amps	83.1 A

Electrical Data

Voltage	208 to 230 V
Number of Phases	3
Frequency	60 Hz
Indoor Blower FLA	6.9 A
Max External Static	0.8 inWc
Outdoor Fan FLA	2 A
Min. Circuit Ampacity	25.3/25.3 A
Max. Overcurrent Protection	35/35 A
Power Supply Conduit Hole Diameter	1.125 in

Low-Voltage Conduit Hole Diameter 0.5 in

Dimensions

Depth	74 in
Width	48-5/16 in
Height	39-7/8 in

Features and Benefits

Installation

Daikin Packaged units are designed with an easier and faster installation in mind for both new construction and retrofit. 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 expense.

Cabinet Construction

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

Compressor

High performance, low noise scroll compressors to match the required total load for efficient part load control.

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.

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.

Controls and Wiring

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

Filtration

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

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.

Electrical

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