

Unit Part # 700055

10Ton Gas Electric

Cooling Performance					
Total capacity	118.0 MBH				
Sensible capacity	78.8 MBH				
Efficiency (at ARI)	11.20 EER				
Integrated eff. (at ARI)	11.40 IEER				
Ambient DB temp.	95.0 °F				
Entering DB temp.	80.0 °F				
Entering WB temp.	67.0 °F				
Leaving DB temp.	55.7 °F				
Leaving WB temp.	54.2 °F				
Power input (w/o blower)	9.18 kW				
Sound power	83 dB(A)				
Refrigerant					
Refrigerant type	R-410A				
Reheat Performance					
Total capacity	52.7 MBH				
Sensible capacity	1.6 MBH				
Ambient DB temp.	85 °F				
Entering DB temp.	75 °F				
Entering WB temp.	67 °F				
Leaving DB temp.	74.5 °F				
Leaving WB temp.	61.8 °F				
Power input (w/o blower)	8.13 kW				
Gallons of water per hour	5.83 gal/hr				
Gas Heating Performance					
Entering DB temp.	60 °F				
Heating output capacity (Max)	192 MBH				
Supply air	3000 CFM				
Heating input capacity (Max)	240 MBH				
Leaving DB temp.	119.3 °F				
Air temp. rise	59.3 °F				
SSE	80.0 %				
Stages	2				
Supply Air Blower Performance					
Supply air	3000 CFM				
Ext. static pressure	0.6 IWG				
Blower speed	910 RPM				
Max BHP of Motor (including service factor)	3.45 HP				
Duct location	Bottom				
Motor rating	3.00 HP				
Actual required BHP	1.51 HP				
Power input	1.41 kW				
Elevation	0 ft.				
Drive type	BELT				
Electrical Data					
Power supply	208-3-60				
Unit min circuit ampacity	51.7 Amps				
Unit max over-current protection	60 Amps				
Dimensions & Weight					
Hgt	51 in.	Len	89 in.	Wth	59 in.
Weight with factory installed options		1315 lbs.			
Clearances					
Right	12 in.	Front	36 in.	Back	36 in.
Top	72 in.	Bottom	0 in.	Left	36 in.

Note: Please refer to the tech guide for listed maximum static pressures



10 Ton

- DriFecta units are manufactured at an ISO 9001 registered facility and each rooftop is completely computer-run tested prior to shipment.

Unit Features

- Unit Cabinet Constructed of Powder Painted Steel, Certified At 1000 Hours Salt Spray Test (ASTM B-117 Standards)
- Through-the-Curb and Through-the-Base Utility Connections
- Either supply and/or return can be field converted from vertical to horizontal configuration without cutting panels.
- Full perimeter base rails with built in rigging capabilities
- Hinged Access Panels
- Standard Cabinet with Composite Drain Pan
- Scroll Compressors
- Two Stage Cooling
- Solid Core Liquid Line Filter Driers
- Microchannel Condenser Coil
- Standard Evaporator Coil
- 240 MBH Input Aluminized Steel, Two Stage Gas Heat
- Slide-out Blower/3 HP Belt Drive Motor Assembly
- Unit Ships with 2" Throwaway Filters with a Standard Filter Rack that will Accept up to 4" Filters
- Replacement Filters: 4 - (24" x 20"). Unit accepts 2" or 4" wide filters.
- Single Point Power Connection
- Short Circuit Current: 5kA RMS Symmetrical

Standard Unit Controller: Simplicity Control Board

- An Integrated Low-Ambient Control, Anti-Short Cycle Protection, Lead-Lag, Fan On and Fan off Delays, Low Voltage Protection, On-Board Diagnostic and Fault Code Display. Allows all units to operate in the cooling mode down to 0 °F outdoor ambient without
- Safety Monitoring - Monitors the high and low-pressure switches, the freezestats, the gas valve, if applicable, and the temperature limit switch on gas and electric heat units. The unit control board will alarm on ignition failures, safety lockouts and re

Warranty

- One (1) Year Limited Warranty on the Complete Unit
- Five (5) Year Warranty - Compressors and Electric Heater Elements
- Ten (10) Year Limited Warranty - Aluminized Steel Heat Exchanger

