

25 Ton Chiller



High efficiency and ASHRAE 90.1-2010 compliant, Reheat, Hail Guard, and Low Ambient / Comfort Alert . Reheat with DDC single enthalpy economizer with barometric relief and smoke detector.

Cooling Performance

AHRI Rating - Capacity : 288,00	EER: 10	IEERL 14.1
Gross Cap @ AHRI Rating Conditions (btuh) - Capacity : 297,473		
Ambient Air (F) - Dry Bulb : 91.2	Wet Bulb: 73.9	
Airflow (CFM) - CFM : 10,000	SCFM: 10,000	
System Entering Air (F) - Dry Bulb : 80	Wet Bulb: 67	% RH: 51.1
System Leaving Air (F) - Dry Bulb : 64.2	Wet Bulb: 59.7	
Air Enthalpy (btu/lb) - Entering : 31.4	Leaving: 26.2	
Design Net Cooling Capacity (btuh) - Total : 236,000	Sensible: 170,900	Latent: 65,100
Design Gross Capacity (btuh) - Capacity : 256,900	Sensible: 191,800	
Total Power - Watts : 22,165.7	KW: 22.2	

Heating Performance

Electric Heat Input (KW) - KW : 0 @ 460 Volts		
Heating Airflow (CFM) - CFM : 10,000		
Air Dry Bulb (F) - Outdoor : 23.1	Entering Air: 70	Leaving Air: 71.9
Capacity (btu) - Total : 20,941		
Total Heating Power - Watts : 6,138	KW: 61	

Air Moving System Characteristics

External Static Pressure (inches WG) - ESP : 0.5		
Blower Speed or Speed Tap - RPM : 869	Drive: Belt	
Motor Characteristics (watts & BHP) - Power : 6,137.6	BHP: 6.6	

Electrical Supply

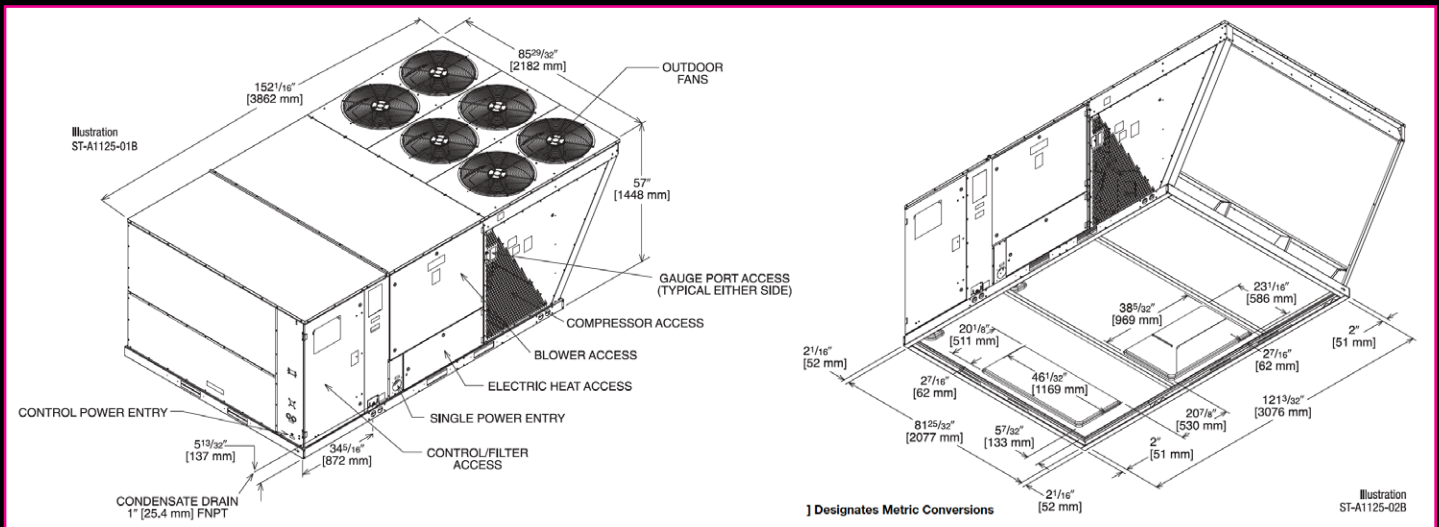
Power Supply (Voltz/Hz/Ph) - Volt/Hz/Ph : 460/60/3		
Maximum Ampacity (amps) - Ampacity : 60		
Max Overcurrent Protection (amps) - Fuse : 70	HACR Breaker : 70	

System Features

Maintains humidity levels at a desired set point when there's little or no demand for air conditioning, and is controlled by separate thermostats and humidistats.

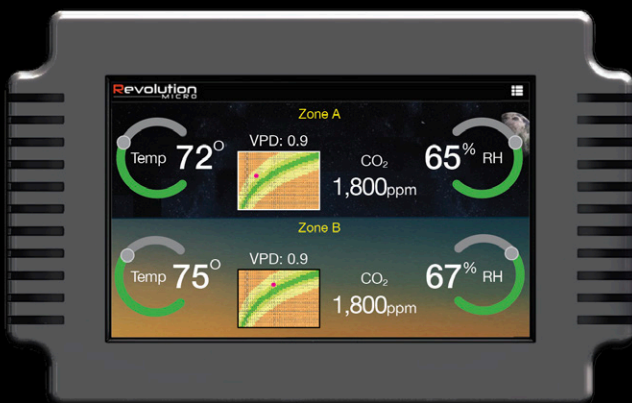
When the thermostat is activated, it operates on first stage cooling when demand is low or at full capacity when air conditioning load is high.

When temperature is at set point but humidity is high, a dehumidification cycle starts using a combination of hot gas and liquid reheat.



Environmental Control with the TouchMi

Monitor your lighting, temperature, humidity, VPD, and CO2 all in one intelligent device.



Dimensions

Length : **152 - 3/32**

Width : **85 - 29/32**

Height : **57 - 23/32**

Weight : **2,330**

Clearance (inches) - Front : **48**

Cond. Coil : **18**

Duct Side : **12**

Clearance (inches) -Evap End : **36**

Top : **60**