



Submittal Data Sheet

Project Name: PLYMOUTH HOTEL
Location:
Engineer: Ivan Velez, P.E.
Submitted to: ESBER/ABEL
Submitted by:
Reference: ESI

Approval:
Date: 1/9/2014
Construction:
Unit #:
Drawing #:

RXYQ120PBTJ



RXYQ120PBTJ

Std U.S. Warranty: 7yrs Compressor, 1yrs Parts



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Performance

Outdoor Unit Model No: RXYQ72PBTJ
Type:
Rated Cooling Capacity (Btu/hr): 69000
Nom Cooling Capacity (Btu/hr): 72000
Cooling Input Power (kW): 5.39
SEER: N/A
IEER: 25.8/21.5
Rated Heating Capacity (Btu/hr): 77000
Nom Heating Capacity (Btu/hr): 81000
Heating Input Power (kW): 6.08
Heating COP (Btu/hr / Btu/hr): 4.0/3.71
HSPF: N/A
Heating COP 17F (Btu/hr / Btu/hr): 2.65/2.4

Condensing Unit Details

Power Supply (V/Hz/Ph): 208-230/60/3ph
Power Supply Connections: L1, L2, L3 Ground
Min. Circuit Amps MCA (A): 30
Max. Overcurrent Protection (MOP)(A): 35
Max. Starting Current MSC(A): -
Rated Load Amps RLA (A): 14.2
Dimensions Height (Inch): 66-1/8
Dimensions Width (Inch): 36-5/8
Dimensions Depth (Inch): 30-1/8
Net Weight (lbs): 420

System Details

Refrigerant Type: R-410A
Holding Refrigerant Charge (lbs): 16.5
Additional Charge (lbs/ft): install data
Pre-charge Piping (Length ft): -
Max. Pipe Length (Total ft):
Max. Pipe Length (Vertical ft): 164 ft (295 ft) / 295 ft
Max Height Separation (Ind to Ind ft):

Condensing Unit Type: 6-Ton VRV-III Heat Pump

Unit Combination:

Rated Cooling Conditions Indoor: 80°F DB/67°F WB
Outdoor: 95°F DB/75°F WB

Rated Heating Conditions Indoor: 70°F DB/60°F WB
Outdoor: 47°F DB/43°F WB

Rated Piping Length (ft) 50 / 25
Rated Height Difference (ft) 0

Compressor Type: Inverter
Capacity Control Range (%): 20 - 100
Capacity Index Limit: 36 - 93.6 (130%)
Airflow Rate (CFM): 6530
Gas Pipe Connection (inch): 3/4
Liquid Pipe Connection (inch): 3/8
H/L Pressure Connection (inch):
H/L Equalizing Connection (inch):
Sound Pressure Level (dBA): 57
Sound Power Level (dBA):
Max. No. of Indoor Units: 12

Cooling Operation Range (°F): 23 - 110
Cooling Range w/Baffle (°F):
Heating Operation Range (°F): 0 - 77 / (-4) - 60
Heating Range w/Baffle (°F):

REVISIONS / SUBMISSIONS	
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PLYMOUTH HOTEL

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