



Submittal Data Sheet

2.5-Ton Ceiling Suspended Unit - FHQ30PVJURZQ30PVJU

Project: Yanmar Ceiling Suspended

Submitted by: Alexandra Edinger of DAIKIN APPLIED GEORGIA on 10/4/2017

Submitted to: No Engineer Name Specified

Tags: 2.5-Ton Ceiling Suspended Heat Pump

FEATURES

- Auto-swing capability with 100° airflow pattern
- Innovative stream fan technology
- 10 year limited parts and compressor warranty

BENEFITS

- Lateral servicing space allows installation in corners, narrow space, walls, and ceilings

INDOOR UNIT



OUTDOOR UNIT





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SYSTEM PERFORMANCE

| | | | |
|------------------------------------|-----------|----------------------------------|---|
| Indoor Unit Model No. | FHQ30PVJU | Indoor Unit Name: | skyair ceiling type - p series |
| Outdoor Unit Model No. | RZQ30PVJU | Outdoor Unit Name: | skyair heat pump outdoor unit |
| Rated Cooling Capacity (Btu/hr): | 30,000 | Rated Cooling Conditions: | Indoor (°F DB/WB): 80 / 67 Ambient (°F DB/WB): 95 / 75 |
| Sensible Capacity (Btu/hr): | 21,100 | Rated Piping Length(ft): | 25 |
| Max/Min Cooling Capacity (Btu/hr): | 30,000 / | Rated Height Difference (ft): | 0.00 |
| Cooling Input Power (kW): | 2.860 | Rated Heating Conditions: | Indoor (°F DB/WB): 70 / 60 Ambient (°F DB/WB): 47 / 43 |
| SEER (Non-Ducted/Ducted): | 17.20 / | HSPF (Non-Ducted/Ducted): | 8.4 / |
| EER (Non-Ducted/Ducted): | 10.50 / | Heating COP (Non-Ducted/Ducted): | 2.7 / |
| Rated Heating Capacity (Btu/hr): | 34,000 | | |
| Max/Min Heating Capacity (Btu/hr): | / 34,000 | | |
| Heating Input Power (kW): | 3.69 | | |

SYSTEM DETAILS

| | | | |
|--|--------|-----------------------------------|----------|
| Refrigerant Type: | R-410A | Cooling Operation Range (°F DB): | 23 - 115 |
| Holding Refrigerant Charge (lbs): | 5.10 | Heating Operation Range (°F WB): | 0 - 65 |
| Additional Charge (lb/ft): | 0.04 | Max. Pipe Length (Vertical) (ft): | 98 |
| Pre-charge Piping (Length) (ft): | 0 | Cooling Range w/Baffle (°F DB): | 0 - 115 |
| Max. Pipe Length (Total) (ft): | 164 | Heating Range w/Baffle (°F WB): | - |
| Max Height Separation (Ind to Ind ft): | 0 | | |



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OUTDOOR UNIT DETAILS

| | | | |
|---------------------------------------|----------------------------|--------------------------------|----------|
| Power Supply (V/Hz/Ph): | 208-230 / 60 / 1 | Compressor Stage: | Inverter |
| Power Supply Connections: | L1, L2, Ground | Capacity Control Range (%): | 25 - 100 |
| Min. Circuit Amps MCA (A): | 16.5 | Airflow Rate (H) (CFM): | 1835 |
| Max Overcurrent Protection (MOP) (A): | 20 | Gas Pipe Connection (inch): | 5/8 |
| Max Starting Current MSC(A): | | Liquid Pipe Connection (inch): | 3/8 |
| Rated Load Amps RLA(A): | | Sound Pressure (H) (dBA): | 49 |
| Dimensions (HxWxD) (in): | 30-5/16 x 35-7/16 x 12-5/8 | Sound Power Level (dBA): | |
| Net Weight (lb): | 150 | | |

DIMENSIONAL DRAWING - OUTDOOR UNIT

