Submittal Data Sheet

2.5-Ton Inverter Ducted unit

FTQ30PBVJURZQ30PVJU7

FEATURES

- Upflow or horizontal right configurations
- Low ambient heat operation down to -4°F
- Field-installed electric heat options available from 3kW to 15kW
- 10 year limited parts and compressor warranty

BENEFITS

- Quiet Operation

INDOOR UNIT

OUTDOOR UNIT

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SYSTEM PERFORMANCE			
Indoor Unit Model No.	FTQ30PBVJU	Indoor Unit Name:	Sky-Air Ducted Unitary - PB Series
Outdoor Unit Model No.	RZQ30PVJU7	Outdoor Unit Name:	Sky-Air Heat Pump ODU
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):	22,000	Rated Piping Length(ft):	25
Max/Min Cooling Capacity (Btu/hr):	/	Rated Height Difference (ft):	0.00
Cooling Input Power (kW):	2.220	Rated Heating Conditions:	Indoor (°F DB/WB): 70 / 60 Ambient (°F DB/WB): 47 / 43
SEER (Non-Ducted/Ducted):	17.60 /	HSPF (Non-Ducted/Ducted):	9.5 /
EER (Non-Ducted/Ducted):	13.00 /		
Rated Heating Capacity (Btu/hr):	34,000		
Heating Input Power (kW):	2.69		

SYSTEM DETAILS			
Refrigerant Type:	R-410A	Cooling Operation Range (°F DB):	23 - 115
Holding Refrigerant Charge (lbs):	8.80	Heating Operation Range (°F WB):	-4 - 60
Additional Charge (lb/ft):	1.31	Max. Pipe Length (Vertical) (ft):	164
Pre-charge Piping (Length) (ft):	0	Cooling Range w/Baffle (°F DB):	0 - 115
Max. Pipe Length (Total) (ft):	230	Heating Range w/Baffle (°F WB):	- 77
Max Height Separation (Ind to Ind ft):	0		

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INDOOR UNIT DETAILS			
Power Supply (V/Hz/Ph):	208/230 / 60 / 1	Airflow Rate (H/M/L) (CFM):	1000/850/700
Power Supply Connections:	L1, L2, Ground	Moisture Removal (Gal/hr):	
Min. Circuit Amps MCA (A):	2.3	Gas Pipe Connection (inch):	5/8
Max Overcurrent Protection (MOP) (A):	15	Liquid Pipe Connection (inch):	3/8
Dimensions (HxWxD) (in):	58-1/4 x 22 x 26	Condensate Connection (inch):	1
Net Weight (lb):	192	Sound Pressure () (dBA):	
Ext. Static Pressure (Rated/Max) (inWg):	0.3 / 0.5	Sound Power Level (dBA):	

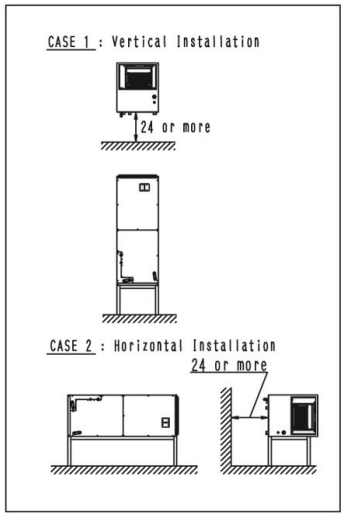
DIMENSIONAL DRAWING - INDOOR UNIT

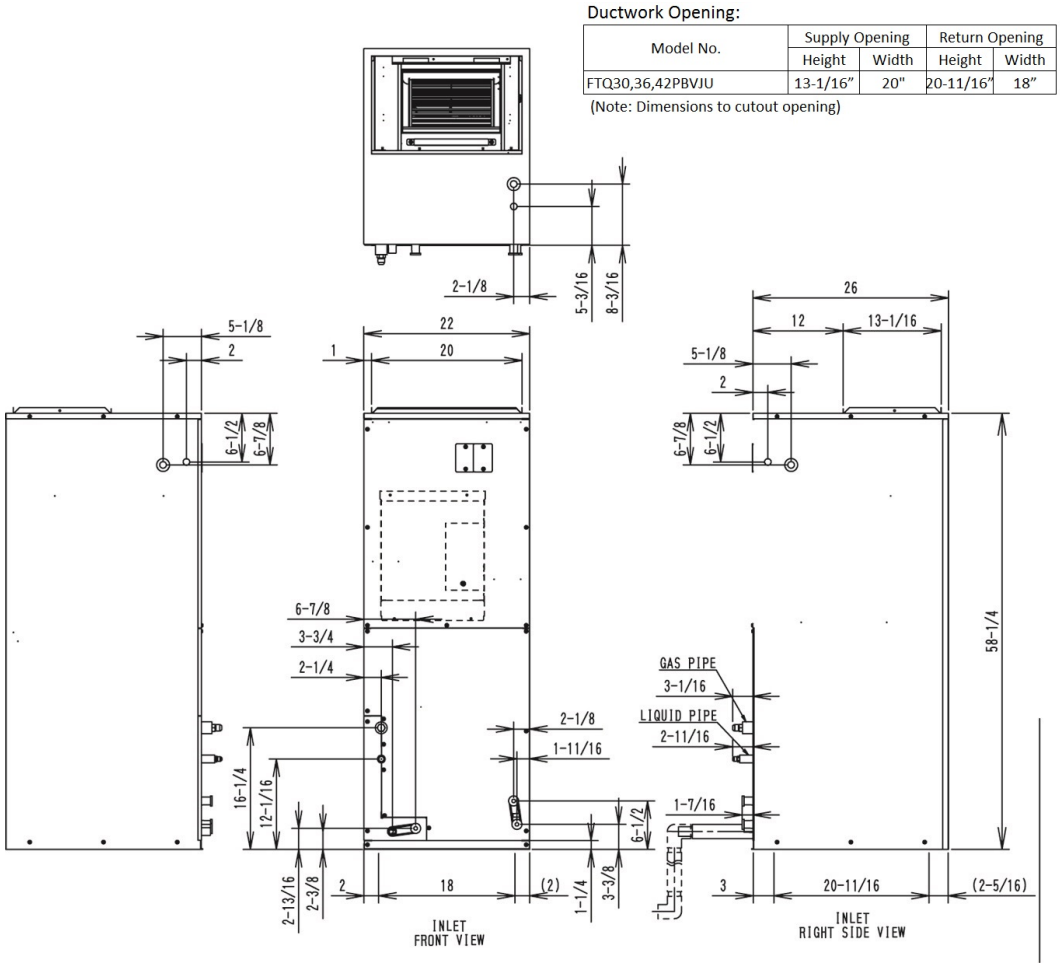
Ductwork Opening:

Model No.	Supply Opening		Return Opening	
	Height	Width	Height	Width
FTQ30,36,42PBVJU	13-1/16"	20"	20-11/16"	18"

(Note: Dimensions to cutout opening)

FTQ30/36/42PBVJU
Unit: Inches





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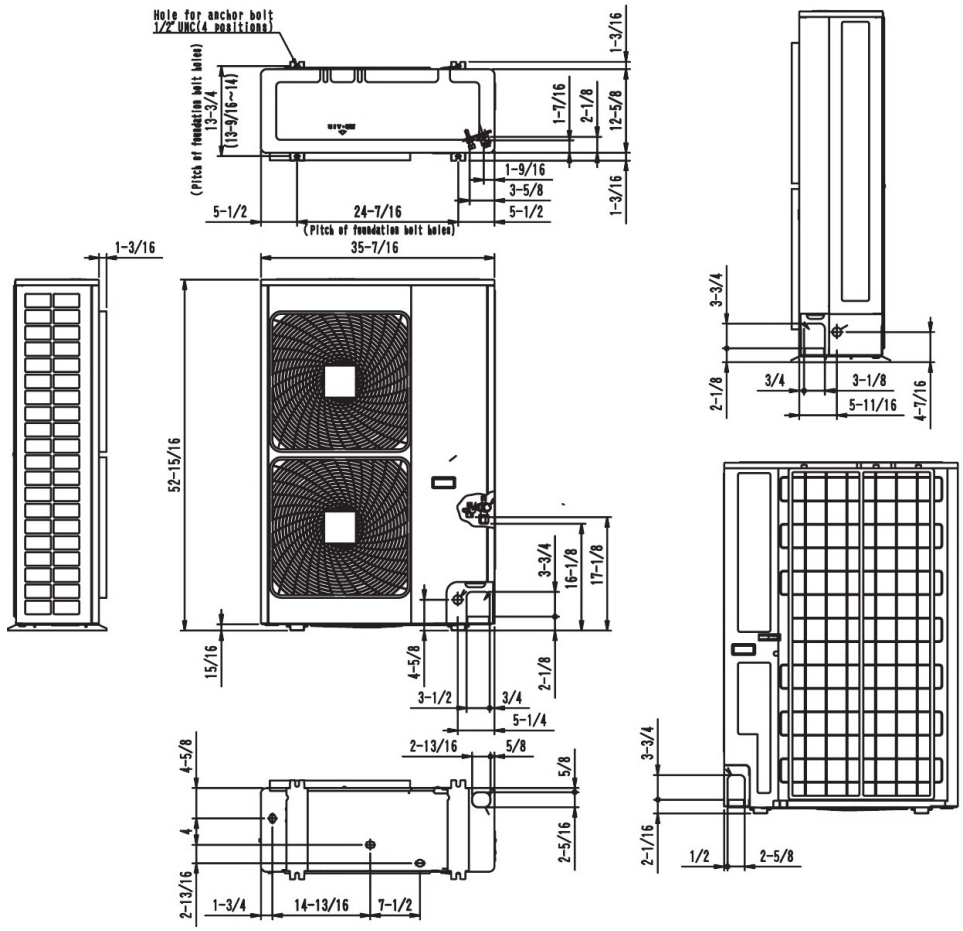
OUTDOOR UNIT DETAILS			
Power Supply (V/Hz/Ph):	208/230 / 60 / 1	Compressor Stage:	
Power Supply Connections:	L1, L2, Ground	Capacity Control Range (%):	-
Min. Circuit Amps MCA (A):	27	Airflow Rate (H) (CFM):	3740
Max Overcurrent Protection (MOP) (A):	30	Gas Pipe Connection (inch):	5/8
Max Starting Current MSC(A):		Liquid Pipe Connection (inch):	3/8
Rated Load Amps RLA(A):		Sound Pressure (H) (dBA):	58
Dimensions (HxWxD) (in):	52-15/16 x 35-7/16 x 12-5/8	Sound Power Level (dBA):	
Net Weight (lb):	283		

DIMENSIONAL DRAWING - OUTDOOR UNIT



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