



Submittal Data Sheet

3.5-Ton Multi-Position Air Handler Heat Pump SkyAir System
FTQ42TAVJUDRZQ42TBVJUA

FEATURES

- Full multi-position air handler capable of upflow, downflow (with field installed optional downflow accessory), horizontal left, or horizontal right configurations
- Wide lineup of electric heat (field installed) options from 3kW to 19W
- Dependable heat pump operation from -4°F in heating to 122°F in cooling

BENEFITS

- Time-saving installation
- Long piping lengths allow layout flexibility
- 10-year parts limited warranty for residential/commercial applications

INDOOR UNIT



OUTDOOR UNIT





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SYSTEM PERFORMANCE

Indoor Unit Model No.	FTQ42TAVJUD	Indoor Unit Name:	Sky-Air Multi-Position Air Handler
Outdoor Unit Model No.	RZQ42TBVJUA	Outdoor Unit Name:	3.5-Ton, Heat Pump, SkyAir ODU
Rated Cooling Capacity (Btu/hr):	40,500	Rated Cooling Conditions:	Indoor (°F DB/WB): 80 / 67 Ambient (°F DB/WB): 95 / 75
Sensible Capacity (Btu/hr):	42,000	Rated Piping Length(ft):	25
Max/Min Cooling Capacity (Btu/hr):	/	Rated Height Difference (ft):	0.00
Cooling Input Power (kW):		Heating Input Power (kW):	0.47
SEER2 (Non-Ducted/Ducted):	/ 16.00	HSPF2 (Non-Ducted/Ducted):	/ 9.2
EER2 (Non-Ducted/Ducted):	/ 10.60		
Rated Heating Capacity (Btu/hr):	47,000	Rated Heating Conditions:	Indoor (°F DB/WB): 70 / 60 Ambient (°F DB/WB): 47 / 43

SYSTEM DETAILS

Refrigerant Type:	R-410A	Cooling Operation Range (°F DB):	23 - 122
Holding Refrigerant Charge (lbs):	7.9	Heating Operation Range (°F WB):	-4 - 60
Additional Charge (lb/ft):	0.58	Max. Pipe Length (Vertical) (ft):	98
Pre-charge Piping (Length) (ft):	25	Cooling Range w/Baffle (°F DB):	0 - 122
Max. Pipe Length (Total) (ft):	230		
Max Height Separation (Ind to Ind ft):	0		



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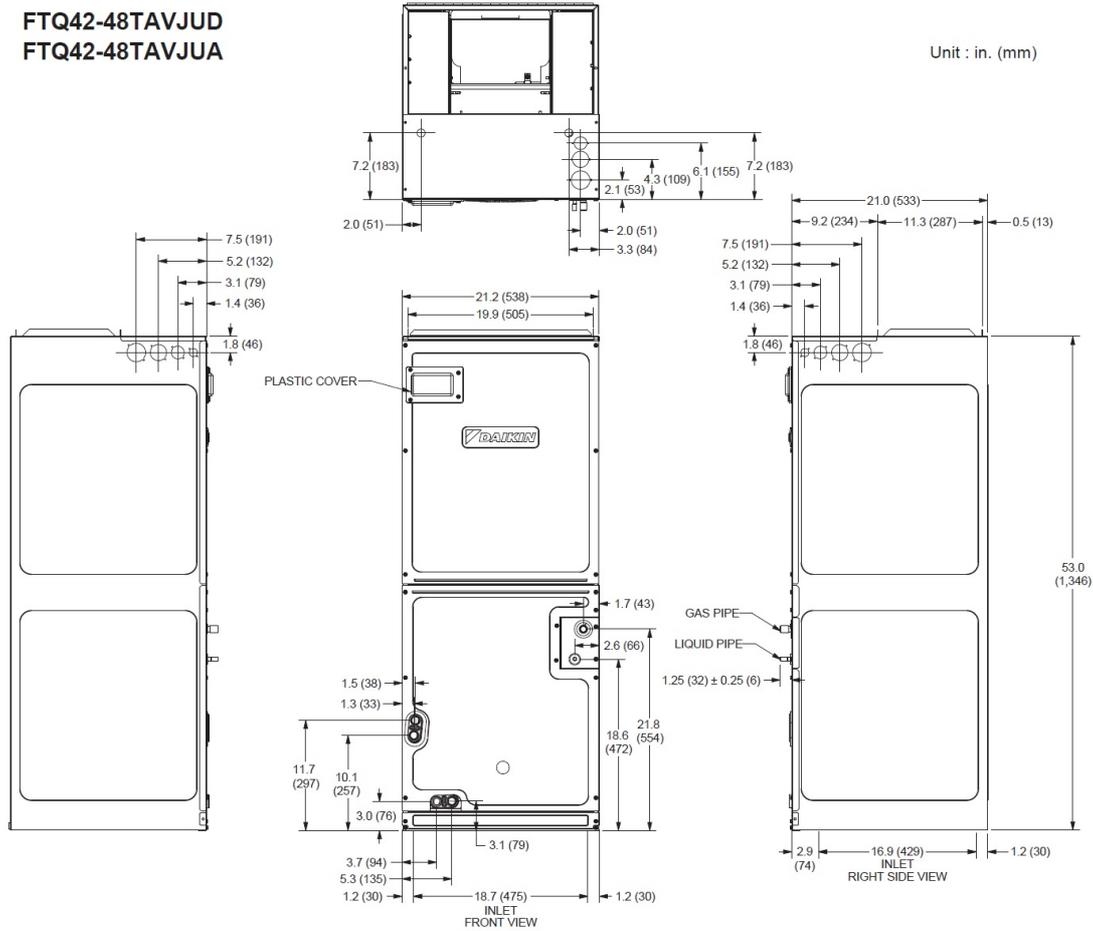
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INDOOR UNIT DETAILS

Power Supply (V/Hz/Ph):	208/230 / 60 / 1	Airflow Rate (H) (CFM):	1400
Power Supply Connections:		Moisture Removal (Gal/hr):	
Min. Circuit Amps MCA (A):	6.5/6.5	Gas Pipe Connection (inch):	
Max Overcurrent Protection (MOP) (A):		Liquid Pipe Connection (inch):	3/8
Dimensions (HxWxD) (in):	53.43 x 21 x 21	Condensate Connection (inch):	3/4
Net Weight (lb):		Sound Pressure () (dBA):	
Ext. Static Pressure (Rated/Max) (inWg):	/ 0.9	Sound Power Level (dBA):	

DIMENSIONAL DRAWING - INDOOR UNIT





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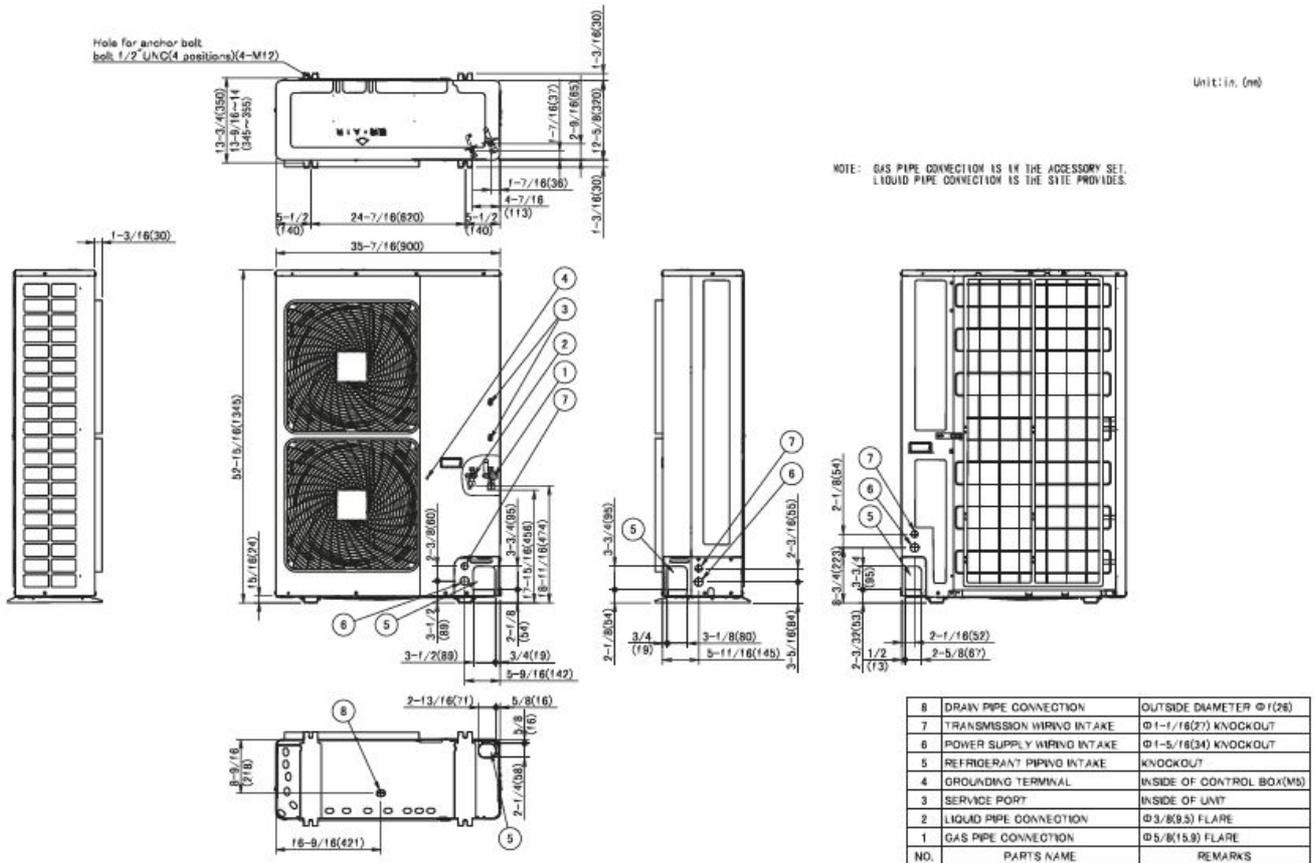
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OUTDOOR UNIT DETAILS

Power Supply (V/Hz/Ph):	208-230 / 60 / 1	Compressor Stage:	Inverter
Power Supply Connections:	L1, L2, Ground	Capacity Control Range (%):	-
Min. Circuit Amps MCA (A):	29.1	Airflow Rate (H) (CFM):	3741
Max Overcurrent Protection (MOP) (A):	35	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):	57
Dimensions (HxWxD) (in):	52-15/16 x 35-7/16 x 12-5/8	Sound Power Level (dBA):	
Net Weight (lb):	225		

DIMENSIONAL DRAWING - OUTDOOR UNIT



3D126498



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INDOOR ACCESSORIES

PART NUMBER	DESCRIPTION	INCLUDED
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ALFH1912201E	19.5X20X1 Permanent Washable Filter	No
AZAI6WSCDKA	DKN Cloud Wi-Fi Adaptor (P1P2)	No
AZAI6WSPDKC	DKN Plus Interface	No
BRC1E73	Navigation Remote Controller III(73)	No
BRC1H71W	Madoka Remote Controller	No
BRC2A71	Simplified Wired Controller	No
BRC4C82	Wireless Remote Control Kit	No
DCS301C71	Unified On/Off Controller	No
DCS302C71	Centralized Controller	No
DCS601C71	i-Touch Controller (iTC)	No
DFK-C	DOWN FLOW KIT	No
DST301BA61	Schedule Timer	No
DTA104A53	Outdoor Unit External Control Adapter PCB	No
DTA109A51	DIII Net Expander PCB	No
DTA114A61	PCB FOR MULTI-TENANT USE	No
DTST-ONE-ADA-A	Daikin One+ Smart Thermostat for VRV, SkyAir, Single- and Multi-Zone System	No
HKSC19CA	Electric Heat Kit, 20 kW,	No
HKSC19CB	Electric Heat Kit, 20 kW	No
HKSX05XC	Electric Heat Kit, 5 kW, 1 PH	No
HKSX06XC	Electric Heat Kit, 6 kW, 1 PH	No
HKSX08XC	Electric Heat Kit, 8 kW, 1 PH	No
HKSX10XC	Electric Heat Kit, 10 kW, 1 PH	No
HKSX15XF	ELECTRIC HEATER KIT	No
KJB212AA	Electrical Fixing Box	No



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PART NUMBER	DESCRIPTION	INCLUDED
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KJB311AA	Electrical Fixing Box	No
KRCS01-2UA	Remote Sensor Kit, (FXTQ_TA, CXTQ)	No
KRCSH2018-01	Button Sensor Kit	No
KRP1BB101	Adaptor PCB Installation Box	No
KRP1C75	Wiring Adapter PCB	No
KRP4A74	Group Control Adaptor PCB (Installation box for adaptor PCB "KRP1BB101" is necessary)	No

OUTDOOR ACCESSORIES

PART NUMBER	DESCRIPTION	INCLUDED
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BRP2A82	ABC Terminal for VRV IV S	No
DACA-WB-3	Powder-Coated Wall-Mounted Bracket	No
KEHJ5A160E	230v single phase pan heater	No
KPS00344	Snow Visor for Single & Double Fan	No
KPS00401	Front Snowhood assy for Double Fan	No
KPS00402	Side Snowhood assy for Double Fan	No
KPS00403	Rear Snowhood assy for Double Fan	No
KPW5F80	Air Adjustment Grille (30,36,42,48 & 60 require 2 each)	No
VRVQA-SH-DF	VRV and SkyAir Double Fan Snow Hood Kit	No