



Submittal Data Sheet

4.0-Ton Ducted Concealed Cooling Only SkyAir System

FBQ48TBVJURZR48TBVJUA

FEATURES

- Medium external static pressure (ESP) capabilities offer up to 0.8" W.G.
- Connect to Daikin Zoning Kit (Optional)
- Dependable cooling up to 122°F

BENEFITS

- Low profile design at less than 12" high
- 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. | FBQ48TBVJU | Indoor Unit Name: | Sky-Air DC Ducted |
| Outdoor Unit Model No. | RZR48TBVJUA | Outdoor Unit Name: | 4.0-Ton, Cooling Only, SkyAir ODU |
| Rated Cooling Capacity (Btu/hr): | 46,500 | Rated Cooling Conditions: | Indoor (°F DB/WB): 80 / 67 Ambient (°F DB/WB): 95 / 75 |
| Sensible Capacity (Btu/hr): | | Rated Piping Length(ft): | 25 |
| Max/Min Cooling Capacity (Btu/hr): | / | Rated Height Difference (ft): | 0.00 |
| Cooling Input Power (kW): | 464.000 | Heating Input Power (kW): | 458.00 |
| SEER2 (Non-Ducted/Ducted): | / 15.30 | | |
| EER2 (Non-Ducted/Ducted): | / 8.30 | | |
| Rated Heating Capacity (Btu/hr): | 54,000 | Rated Heating Conditions: | Indoor (°F DB/WB): 740 / 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 | | |
| 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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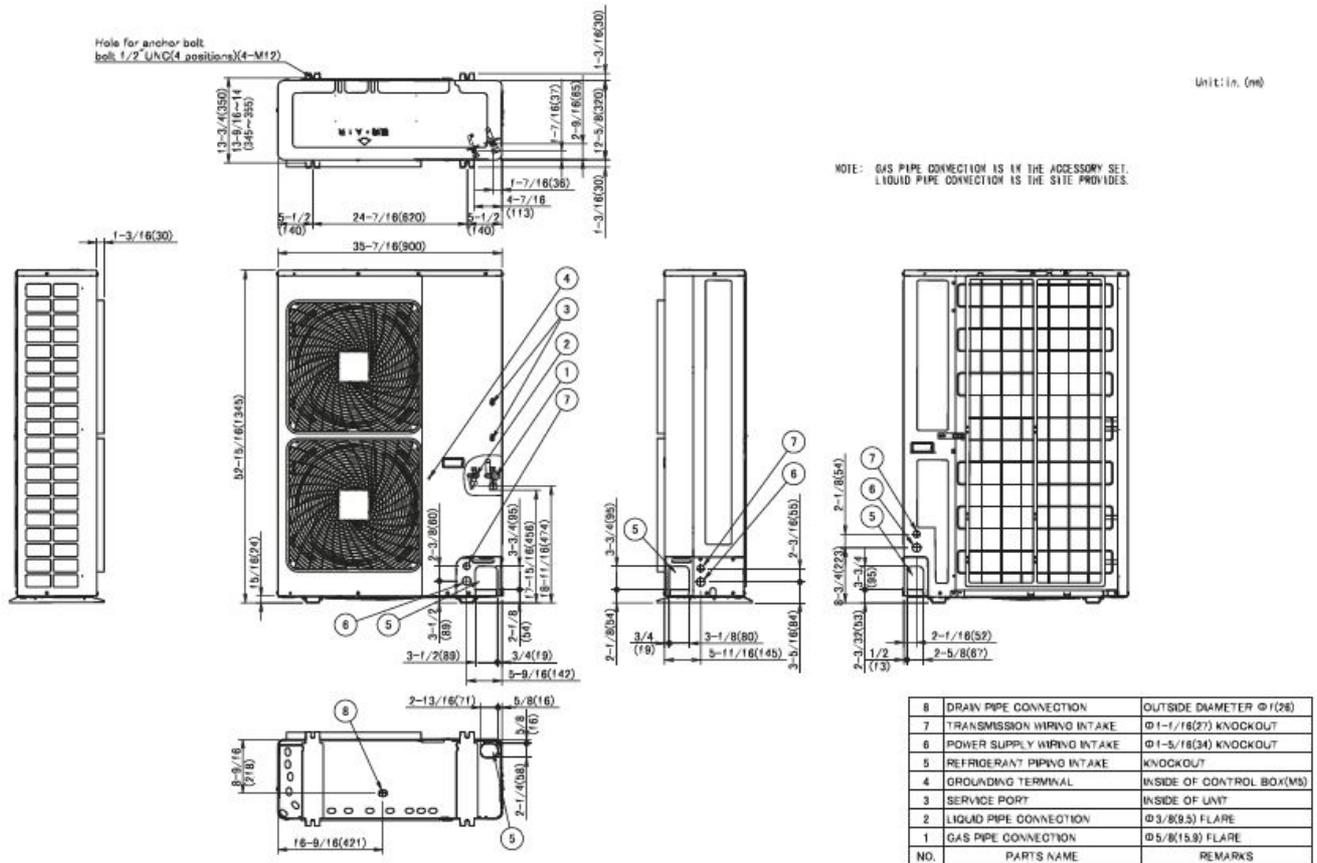
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OUTDOOR UNIT DETAILS

| | | | |
|---------------------------------------|-----------------------------|--------------------------------|----------|
| 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 |
|-------------|-------------|----------|
|-------------|-------------|----------|

| | | |
|----------------|---|----|
| AZAI6WSCDKA | DKN Cloud Wi-Fi Adaptor (P1P2) | No |
| AZAI6WSPDKC | DKN Plus Interface | No |
| BRC082A43 | IR controller for FDMQ | No |
| BRC1E73 | Navigation Remote Controller III(73) | No |
| BRC1H71W | Madoka Remote Controller | No |
| BRC2A71 | Simplified Wired Controller | No |
| BRC4C82 | Wireless Remote Control Kit | No |
| DACA-CP1-1 | Mini Aqua Condensate Pump | No |
| DACA-CP3-1 | Si-30 Condensate Pump | No |
| DCS301C71 | Unified On/Off Controller | No |
| DCS302C71 | Centralized Controller | No |
| DFBS55A13 | MERV 13 Filter Kit for FXSQ | No |
| DST301BA61 | Schedule Timer | No |
| DTA104A61 | Outdoor Unit External Control Adapter PCB | No |
| DTA109A51 | DIII Net Expander PCB | No |
| DTST-ONE-ADA-A | Daikin One+ Smart Thermostat for VRV, SkyAir, Single- and Multi-Zone System | No |
| DZKS048E4-4 | DZK Zoning Box 4X8" | No |
| DZKS048E6-4 | DZK Zoning Box 6X6" | No |
| KJB212AA | Electrical Fixing Box | No |
| KJB311AA | Electrical Fixing Box | No |
| KRCS01-4B | Remote Sensor Kit, (FBQ, FCQ, FTQ, FXFQ, FXMQ, FXTQ) | No |
| KRCS01-6B | Remote Sensor | No |
| KRCSH2018-01 | Button Sensor Kit | No |
| KRP1C74 | Wiring Adapter PCB | No |



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INDOOR ACCESSORIES

| PART NUMBER | DESCRIPTION | INCLUDED |
|-------------|-------------|----------|
|-------------|-------------|----------|

| | | |
|---------|---------------------------|----|
| KRP4A71 | Group Control Adaptor PCB | No |
|---------|---------------------------|----|

| | | |
|---------|----------------------------------|----|
| KRP4A96 | Mounting Plate for Accessory PCB | No |
|---------|----------------------------------|----|

OUTDOOR ACCESSORIES

| PART NUMBER | DESCRIPTION | INCLUDED |
|-------------|-------------|----------|
|-------------|-------------|----------|

| | | |
|---------|---------------------------|----|
| BRP2A82 | ABC Terminal for VRV IV S | No |
|---------|---------------------------|----|

| | | |
|-----------|------------------------------------|----|
| DACA-WB-3 | Powder-Coated Wall-Mounted Bracket | 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 |
|-------------|---|----|