



Submittal Data Sheet

Daikin AURORA R-32 1.0-Ton Wall Mounted Unit
FTXV12AVJU9-RXT12AVJU9

FEATURES

- Hot start technology
- Auto-restart (after power failure)
- R/C with back light
- Swing compressor
- Wide-angle Louvers (vertical blades)
- Auto Swing (Up and Down)
- Comfort Airflow Operation
- Auto and Switchable fan speed
- Indoor unit Quiet operation
- Automatic Defrosting
- Automatic Cooling/heating change-over
- Program dry operation
- POWERFUL operation (inverter)
- ECONO operation
- Titanium apatite deodorizing filter
- Count up-down ON/OFF timer
- Night set mode

BENEFITS

- Built in Wi-Fi
- Quiet operation
- Low ambient cooling operation down to -4°F (-20°C) with field setting and air adjustment grille
- Operating Range - Cooling (50°F - 114.8°F)
- Operating Range - Heating (-13°F - 64.4°F)
- 12 year limited parts and compressor warranty with online registration
- 5 year limited parts warranty for commercial applications
- Pre-charged for line-sets to 49ft
- 100% heating at 5F
- Easy access to fan motor and removable drain pan

INDOOR UNIT



OUTDOOR UNIT





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SYSTEM PERFORMANCE

| | | | |
|------------------------------------|----------------|-------------------------------|--|
| Indoor Unit Model No. | FTXV12AVJU9 | Indoor Unit Name: | 1 Ton Wall Mount R-32 |
| Outdoor Unit Model No. | RXT12AVJU9 | Outdoor Unit Name: | 20.0 SEER2, Heat Pump, Ductless ODU, 1.0 Ton, Daikin AURORA R-32 |
| Rated Cooling Capacity (Btu/hr): | 10,600 | Rated Cooling Conditions: | Indoor (°F DB/WB): 80 / 67 Ambient (°F DB/WB): 95 / 75 |
| Sensible Capacity (Btu/hr): | 9,800 | Rated Piping Length(ft): | 25 |
| Max/Min Cooling Capacity (Btu/hr): | 14,600 / 4,400 | Rated Height Difference (ft): | 0.00 |
| Cooling Input Power (kW): | 1.480 | Heating Input Power (kW): | 1.80 |
| SEER2 (Non-Ducted/Ducted): | 20.00 / | HSPF2 (Non-Ducted/Ducted): | 10.2 / |
| EER2 (Non-Ducted/Ducted): | 12.00 / | | |
| Rated Heating Capacity (Btu/hr): | 13,500 | Rated Heating Conditions: | Indoor (°F DB/WB): 70 / 60 Ambient (°F DB/WB): 47 / 43 |

SYSTEM DETAILS

| | | | |
|--|----------|-----------------------------------|----------|
| Refrigerant Type: | R-32 | Cooling Operation Range (°F DB): | 50 - 115 |
| Holding Refrigerant Charge (lbs): | 1.74 lbs | Heating Operation Range (°F WB): | -13 - 60 |
| Additional Charge (oz/ft): | 0.22 | Max. Pipe Length (Vertical) (ft): | 49 |
| Pre-charge Piping (Length) (ft): | 49 | Cooling Range w/Baffle (°F DB): | -4 - |
| Max. Pipe Length (Total) (ft): | 66 | | |
| Max Height Separation (Ind to Ind ft): | 0 | | |



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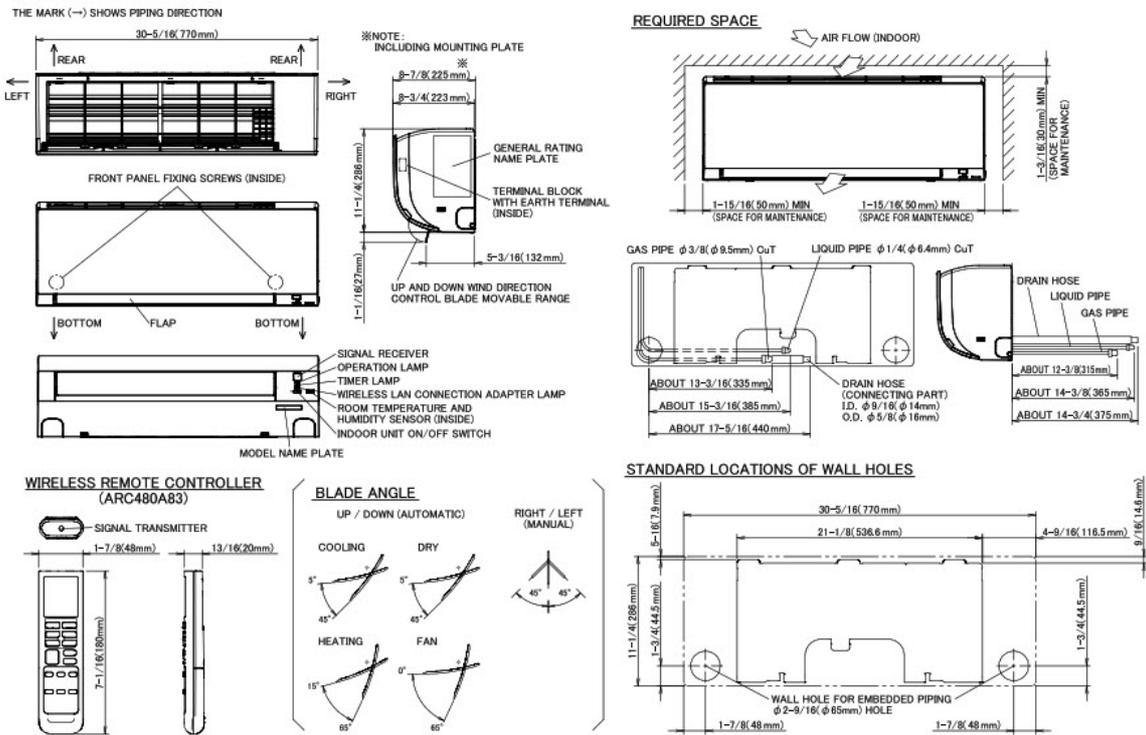
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INDOOR UNIT DETAILS

| | | | |
|--|--------------------------|----------------------------------|-----------------|
| Power Supply (V/Hz/Ph): | 208-230 / 60 / 1 | Airflow Rate (H/M/L/SL) (CFM): | 392/293/226/166 |
| Power Supply Connections: | L1, L2, L3, G | Moisture Removal (Gal/hr): | |
| Min. Circuit Amps MCA (A): | | Gas Pipe Connection (inch): | 3/8 |
| Max Overcurrent Protection (MOP) (A): | | Liquid Pipe Connection (inch): | 1/4 |
| Dimensions (HxWxD) (in): | 11-1/4 x 30-5/16 x 8-3/4 | Condensate Connection (inch): | 5/8 |
| Net Weight (lb): | 19 | Sound Pressure (H/M/L/SL) (dBA): | 45/37/31/19 |
| Ext. Static Pressure (Rated/Max) (inWg): | / | Sound Power Level (dBA): | |

DIMENSIONAL DRAWING - INDOOR UNIT

CTXV07AVJU9, FTXV09/12AVJU9



3D150958A



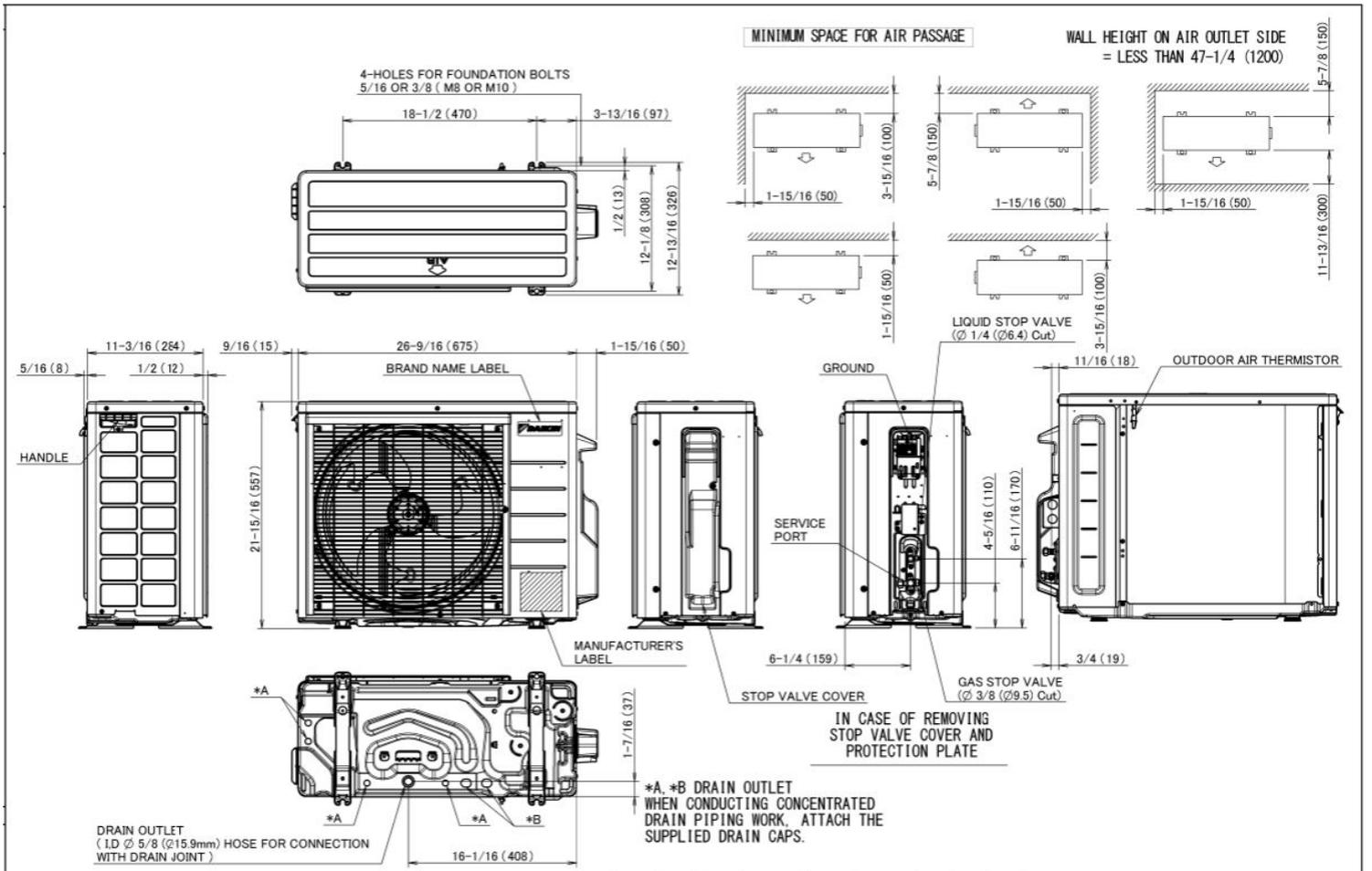
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OUTDOOR UNIT DETAILS

| | | | |
|---------------------------------------|------------------------------|--------------------------------|----------|
| Power Supply (V/Hz/Ph): | 208-230 / 60 / 1 | Compressor Stage: | Inverter |
| Power Supply Connections: | L1, L2, L3, G | Capacity Control Range (%): | - |
| Min. Circuit Amps MCA (A): | 14.6 | Airflow Rate (H) (CFM): | 1088 |
| Max Overcurrent Protection (MOP) (A): | 15 | Gas Pipe Connection (inch): | 3/8 |
| Max Starting Current MSC(A): | | Liquid Pipe Connection (inch): | 1/4 |
| Rated Load Amps RLA(A): | | Sound Pressure (H) (dBA): | 50 |
| Dimensions (HxWxD) (in): | 21-15/16 x 26-6/16 x 11-3/16 | Sound Power Level (dBA): | |
| Net Weight (lb): | 72 | | |

DIMENSIONAL DRAWING - OUTDOOR UNIT





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INDOOR ACCESSORIES

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

| | | |
|-------------|---|----|
| AZAI6WSCDKB | DKN Residential Cloud Wi-Fi Adaptor for Single- and Multi-Zone System (S21) | No |
|-------------|---|----|

| | | |
|-------------|--------------------|----|
| AZAI6WSPDKC | DKN Plus Interface | No |
|-------------|--------------------|----|

| | | |
|----------|--|----|
| BRC073A6 | Wired Remote Controller (Requires Additional Wire Harness) | No |
|----------|--|----|

| | | |
|----------|-------------------------|----|
| BRC944B2 | Wired Remote Controller | No |
|----------|-------------------------|----|

| | | |
|------------|------------------------------|----|
| BRCW901A03 | BRC944B2 CONTROL CABLE, 10FT | No |
|------------|------------------------------|----|

| | | |
|------------|--|----|
| BRCW901A08 | Wired Remote Controller Cord - 8m/26ft | No |
|------------|--|----|

| | | |
|------------|---------------------------|----|
| DACA-CP1-1 | Mini Aqua Condensate Pump | No |
|------------|---------------------------|----|

| | | |
|-----------|--|----|
| KAF970A46 | Titanium apatite photocatalytic air-purifying filter WITHOUT frame | No |
|-----------|--|----|

| | | |
|-----------|------------------------------|----|
| KRP067A41 | Adaptor for wired controller | No |
|-----------|------------------------------|----|

| | | |
|------------|-------------------------------------|----|
| KRP067A41E | Adaptor for wired remote controller | No |
|------------|-------------------------------------|----|

| | | |
|------------|-------------------------------------|----|
| KRP928BB2S | RA Interface Adaptor for DIII-Net - | No |
|------------|-------------------------------------|----|

OUTDOOR ACCESSORIES

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



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OUTDOOR ACCESSORIES

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

| | | |
|-----------|------------------------------------|----|
| DACA-WB-3 | Powder-Coated Wall-Mounted Bracket | No |
|-----------|------------------------------------|----|

| | | |
|-----------|------------------|----|
| KEH068A41 | Drain Pan Heater | No |
|-----------|------------------|----|

| | | |
|-----------|------------------------------------|----|
| KKG067A41 | Back protection wire net (09 & 12) | No |
|-----------|------------------------------------|----|

| | | |
|-----------|---|----|
| KPS067A41 | Snow hood (intake side plate) (09 & 12) | No |
|-----------|---|----|

| | | |
|-----------|---|----|
| KPS067A42 | Snow hood (intake rear plate) (09 & 12) | No |
|-----------|---|----|

| | | |
|-----------|------------------------------|----|
| KPS067A44 | Snow hood (outlet) (09 & 12) | No |
|-----------|------------------------------|----|

| | | |
|----------|---|----|
| KPW937F4 | Air direction adjustment grille (09 & 12) | No |
|----------|---|----|