

1.5-Ton Wall Mounted Cooling Only FAQ18TAVJURZR18TAVJU

## **INDOOR UNIT**



# **OUTDOOR UNIT**





1.5-Ton Wall Mounted Cooling Only FAQ18TAVJURZR18TAVJU

SYSTEM PERFORMANCE			
Indoor Unit Model No.	FAQ18TAVJU	Indoor Unit Name:	Sky-Air Wall Mounted
Outdoor Unit Model No.	RZR18TAVJU	Outdoor Unit Name:	Sky-Air Cooling Only ODU
Rated Cooling Capacity (Btu/hr):	18,000	Rated Cooling Conditions:	Indoor (°F DB/WB): 80 / 67 Ambient (°F DB/WB): 95 / 75
Sensible Capacity (Btu/hr):	13,700	Rated Piping Length(ft):	25
Max/Min Cooling Capacity (Btu/hr):	1	Rated Height Difference (ft):	0.00
Cooling Input Power (kW):			
SEER (Non-Ducted/Ducted):	17.00 /		
EER (Non-Ducted/Ducted):	11.90 /		
SYSTEM DETAILS			
Refrigerant Type:	R-410A	Cooling Operation Range (°F DB):	23 - 122
Holding Refrigerant Charge (lbs):	6.4	Heating Operation Range (°F WB):	-
Additional Charge (lb/ft):	0.04	Max. Pipe Length (Vertical) (ft):	98
Pre-charge Piping (Length) (ft):	15	Cooling Range w/Baffle (°F DB):	-
Max. Pipe Length (Total) (ft):	164	Heating Range w/Baffle (°F WB):	-
Max Height Separation (Ind to Ind ft):	0		

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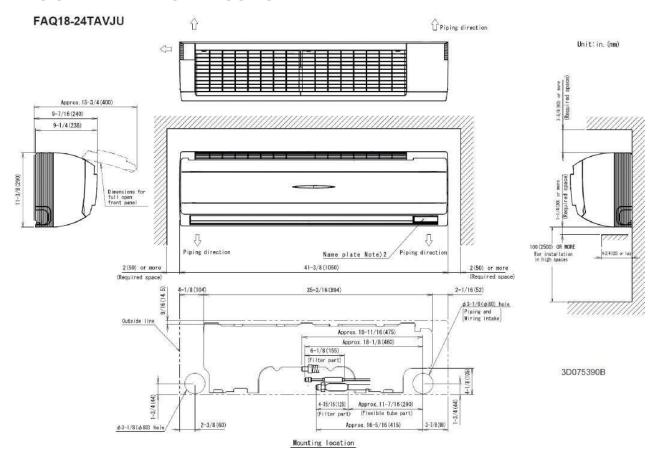
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1.5-Ton Wall Mounted Cooling Only FAQ18TAVJURZR18TAVJU

INDOOR UNIT DETAILS			
Power Supply (V/Hz/Ph):	208-230 / 60 / 1	Airflow Rate (H/L) (CFM):	500/400
Power Supply Connections:	L1, L2, Ground	Moisture Removal (Gal/hr):	
Min. Circuit Amps MCA (A):	0.5	Gas Pipe Connection (inch):	5/8
Max Overcurrent Protection (MOP) (A):	15	Liquid Pipe Connection (inch):	3/8
Dimensions (HxWxD) (in):	11-3/8 x 41-3/8 x 9-1/4	Condensate Connection (inch):	1/2
Net Weight (lb):	31	Sound Pressure (H/L) (dBA):	43/37
Ext. Static Pressure (Rated/Max) (inWg):	1	Sound Power Level (dBA):	

# **DIMENSIONAL DRAWING - INDOOR UNIT**



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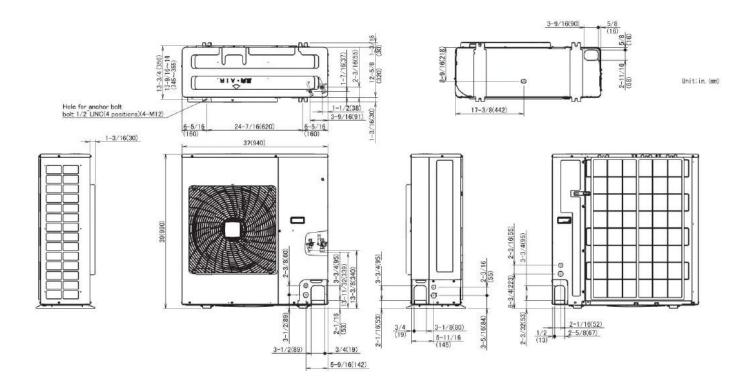
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1.5-Ton Wall Mounted Cooling Only FAQ18TAVJURZR18TAVJU

OUTDOOR UNIT DETAILS			
Power Supply (V/Hz/Ph):	208-230 / 60 / 1	Compressor Stage:	
Power Supply Connections:	L1, L2, Ground	Capacity Control Range (%):	14 - 100
Min. Circuit Amps MCA (A):	16.5	Airflow Rate (H) (CFM):	2682
Max Overcurrent Protection (MOP) (A):	25	Gas Pipe Connection (inch):	5/8
Max Starting Current MSC(A):		Liquid Pipe Connection (inch):	3/8
Rated Load Amps RLA(A):	15.3	Sound Pressure (H) (dBA):	58
Dimensions (HxWxD) (in):	39 x 37 x 12-5/8	Sound Power Level (dBA):	
Net Weight (lb):	172		

# **DIMENSIONAL DRAWING - OUTDOOR UNIT**



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2.0-Ton Wall Mounted Cooling Only FAQ24TAVJURZR24TAVJU

## **INDOOR UNIT**



# **OUTDOOR UNIT**



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2.0-Ton Wall Mounted Cooling Only FAQ24TAVJURZR24TAVJU

SYSTEM PERFORMANCE			
Indoor Unit Model No.	FAQ24TAVJU	Indoor Unit Name:	Sky-Air Wall Mounted
Outdoor Unit Model No.	RZR24TAVJU	Outdoor Unit Name:	Sky-Air Cooling Only ODU
Rated Cooling Capacity (Btu/hr):	24,000	Rated Cooling Conditions:	Indoor (°F DB/WB): 80 / 67 Ambient (°F DB/WB): 95 / 75
Sensible Capacity (Btu/hr):	18,000	Rated Piping Length(ft):	25
Max/Min Cooling Capacity (Btu/hr):	1	Rated Height Difference (ft):	0.00
Cooling Input Power (kW):			
SEER (Non-Ducted/Ducted):	17.60 /		
EER (Non-Ducted/Ducted):	10.20 /		
SYSTEM DETAILS			
Refrigerant Type:	R-410A	Cooling Operation Range (°F DB):	23 - 122
Holding Refrigerant Charge (lbs):	6.4	Heating Operation Range (°F WB):	-
Additional Charge (lb/ft):	0.04	Max. Pipe Length (Vertical) (ft):	98
Pre-charge Piping (Length) (ft):	15	Cooling Range w/Baffle (°F DB):	-
Max. Pipe Length (Total) (ft):	164	Heating Range w/Baffle (°F WB):	-
Max Height Separation (Ind to Ind ft):	0		

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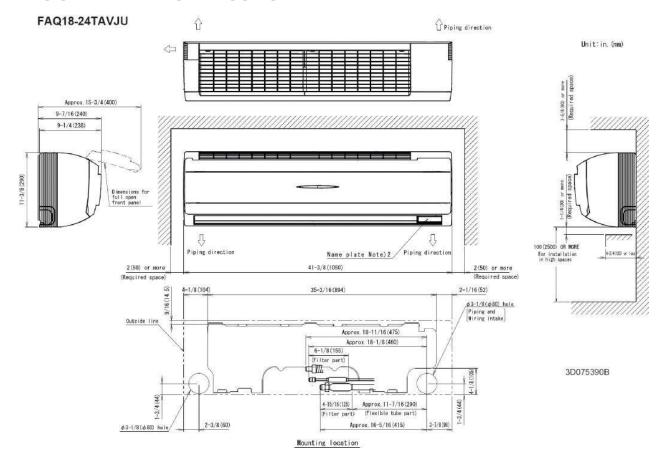
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2.0-Ton Wall Mounted Cooling Only FAQ24TAVJURZR24TAVJU

INDOOR UNIT DETAILS			
Power Supply (V/Hz/Ph):	208-230 / 60 / 1	Airflow Rate (H/L) (CFM):	635/470
Power Supply Connections:	L1, L2, Ground	Moisture Removal (Gal/hr):	
Min. Circuit Amps MCA (A):	0.6	Gas Pipe Connection (inch):	5/8
Max Overcurrent Protection (MOP) (A):	15	Liquid Pipe Connection (inch):	3/8
Dimensions (HxWxD) (in):	11-3/8 x 41-3/8 x 9-1/4	Condensate Connection (inch):	1/2
Net Weight (lb):	31	Sound Pressure (H/L) (dBA):	43/37
Ext. Static Pressure (Rated/Max) (inWg):	1	Sound Power Level (dBA):	

# **DIMENSIONAL DRAWING - INDOOR UNIT**



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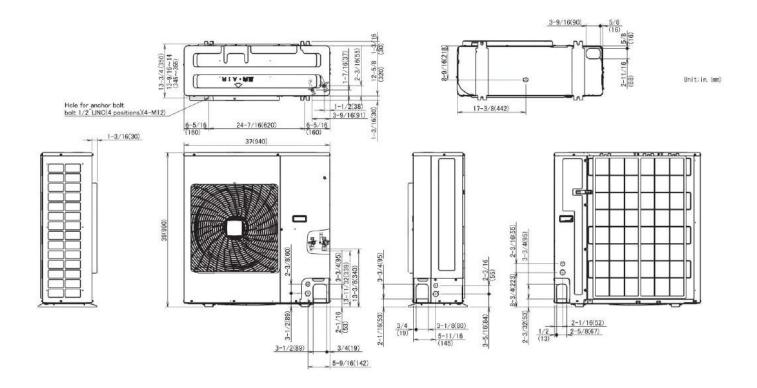
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2.0-Ton Wall Mounted Cooling Only FAQ24TAVJURZR24TAVJU

OUTDOOR UNIT DETAILS			
Power Supply (V/Hz/Ph):	208-230 / 60 / 1	Compressor Stage:	
Power Supply Connections:	L1, L2, Ground	Capacity Control Range (%):	14 - 100
Min. Circuit Amps MCA (A):	16.5	Airflow Rate (H) (CFM):	2682
Max Overcurrent Protection (MOP) (A):	25	Gas Pipe Connection (inch):	5/8
Max Starting Current MSC(A):		Liquid Pipe Connection (inch):	3/8
Rated Load Amps RLA(A):	15.3	Sound Pressure (H) (dBA):	58
Dimensions (HxWxD) (in):	39 x 37 x 12-5/8	Sound Power Level (dBA):	
Net Weight (lb):	172		

# **DIMENSIONAL DRAWING - OUTDOOR UNIT**



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1.5-Ton DC Ducted Cooling Only FBQ18PVJURZR18TAVJU

## **FEATURES**

- External static pressure (ESP) capabilities up to 0.8" W.G.
   Three user selected fan speeds available plus fan "Auto" logic
   Low ambient cooling operation down to 0°F (with optional wind
- baffle(s))
   Built-in condensate pump
   Maximum piping length up to 164 ft. allows flexible placement of indoor
- Maximum piping height separation up to 98 ft.
  10 year limited parts and compressor warranty

#### **BENEFITS**

- DC fan motor provides improved efficiency
- Bottom access for easy service

## **INDOOR UNIT**



## **OUTDOOR UNIT**



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1.5-Ton DC Ducted Cooling Only FBQ18PVJURZR18TAVJU

SYSTEM PERFORMANCE			
Indoor Unit Model No.	FBQ18PVJU	Indoor Unit Name:	Sky-Air DC Ducted
Outdoor Unit Model No.	RZR18TAVJU	Outdoor Unit Name:	Sky-Air 1.5 Ton Cooling Only ODU
Rated Cooling Capacity (Btu/hr):	18,000	Rated Cooling Conditions:	Indoor (°F DB/WB): 80 / 67 Ambient (°F DB/WB): 95 / 75
Sensible Capacity (Btu/hr):	14,800	Rated Piping Length(ft):	25
Max/Min Cooling Capacity (Btu/hr):	1	Rated Height Difference (ft):	0.00
Cooling Input Power (kW):	2.120	Rated Heating Conditions:	Indoor (°F DB/WB): 70 / 60 Ambient (°F DB/WB): 47 / 43
SEER (Non-Ducted/Ducted):	/ 16.70		
EER (Non-Ducted/Ducted):	/13.00		
SYSTEM DETAILS			
Refrigerant Type:	R-410A	Cooling Operation Range (°F DB):	23 - 122
Holding Refrigerant Charge (lbs):	6.4	Heating Operation Range (°F WB):	-
Additional Charge (lb/ft):	0.04	Max. Pipe Length (Vertical) (ft):	98
Pre-charge Piping (Length) (ft):	15	Cooling Range w/Baffle (°F DB):	0 - 122
Max. Pipe Length (Total) (ft):	164	Heating Range w/Baffle (°F WB):	-
Max Height Separation (Ind to Ind ft):	0		

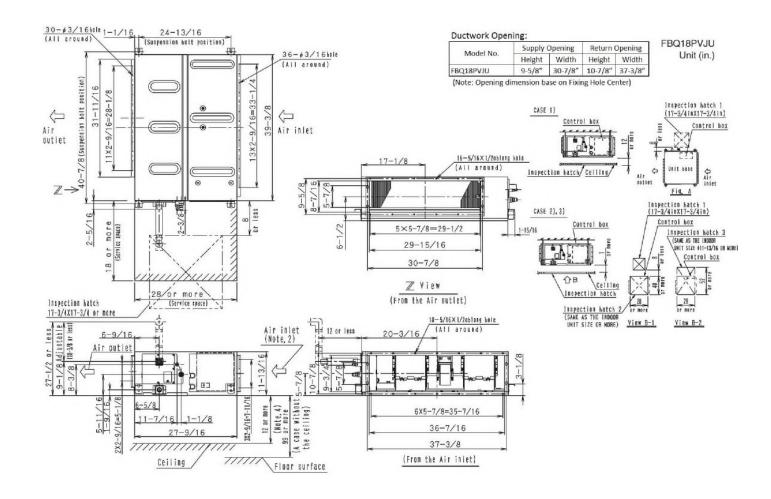
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1.5-Ton DC Ducted Cooling Only FBQ18PVJURZR18TAVJU

INDOOR UNIT DETAILS			
Power Supply (V/Hz/Ph):	208-230 / 60 / 1	Airflow Rate (H/M/L) (CFM):	635/582/529
Power Supply Connections:	L1, L2, Ground	Moisture Removal (Gal/hr):	
Min. Circuit Amps MCA (A):	1.6	Gas Pipe Connection (inch):	1/2
Max Overcurrent Protection (MOP) (A):	15	Liquid Pipe Connection (inch):	1/4
Dimensions (HxWxD) (in):	11-13/16 x 39-3/8 x 27-9/16	Condensate Connection (inch):	1
Net Weight (lb):	80	Sound Pressure (H/M) (dBA):	41/39
Ext. Static Pressure (Rated/Max) (inWg):	0.8 / 0.8	Sound Power Level (dBA):	



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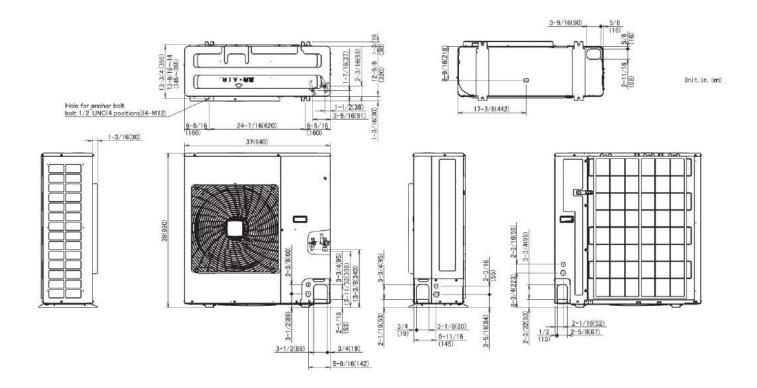


1.5-Ton DC Ducted Cooling Only FBQ18PVJURZR18TAVJU

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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 (%):	14 - 100
Min. Circuit Amps MCA (A):	16.5	Airflow Rate (H) (CFM):	2682
Max Overcurrent Protection (MOP) (A):	25	Gas Pipe Connection (inch):	5/8
Max Starting Current MSC(A):		Liquid Pipe Connection (inch):	3/8
Rated Load Amps RLA(A):	15.3	Sound Pressure (H) (dBA):	58
Dimensions (HxWxD) (in):	39 x 37 x 12-5/8	Sound Power Level (dBA):	
Net Weight (lb):	172		

# **DIMENSIONAL DRAWING - OUTDOOR UNIT**



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2.0-Ton DC Ducted Cooling Only FBQ24PVJURZR24TAVJU

## **FEATURES**

- External static pressure (ESP) capabilities up to 0.8" W.G.
   Three user selected fan speeds available plus fan "Auto" logic
   Low ambient cooling operation down to 0°F (with optional wind
- baffle(s))
   Built-in condensate pump
   Maximum piping length up to 164 ft. allows flexible placement of indoor
- Maximum piping height separation up to 98 ft.
  10 year limited parts and compressor warranty

#### **BENEFITS**

- DC fan motor provides improved efficiency
- Bottom access for easy service

## **INDOOR UNIT**



## **OUTDOOR UNIT**



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2.0-Ton DC Ducted Cooling Only FBQ24PVJURZR24TAVJU

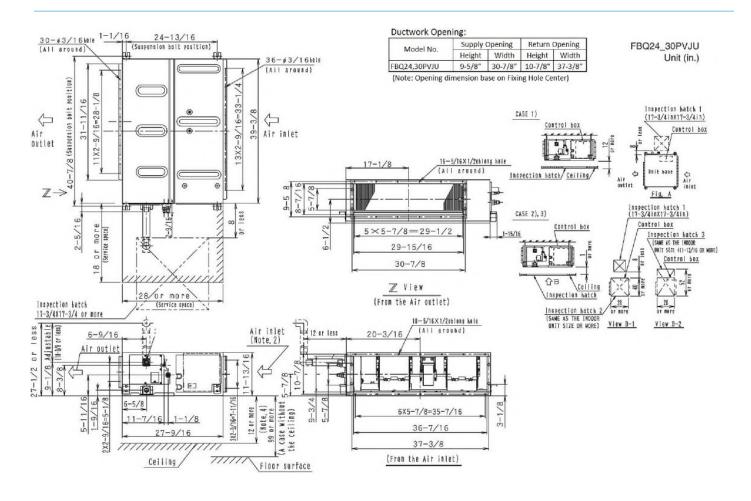
SYSTEM PERFORMANCE			
Indoor Unit Model No.	FBQ24PVJU	Indoor Unit Name:	Sky-Air DC Ducted
Outdoor Unit Model No.	RZR24TAVJU	Outdoor Unit Name:	Sky-Air 2.0 Ton Cooling Only ODU
Rated Cooling Capacity (Btu/hr):	24,000	Rated Cooling Conditions:	Indoor (°F DB/WB): 80 / 67 Ambient (°F DB/WB): 95 / 75
Sensible Capacity (Btu/hr):	18,700	Rated Piping Length(ft):	25
Max/Min Cooling Capacity (Btu/hr):	1	Rated Height Difference (ft):	0.00
Cooling Input Power (kW):	2.120	Rated Heating Conditions:	Indoor (°F DB/WB): 70 / 60 Ambient (°F DB/WB): 47 / 43
SEER (Non-Ducted/Ducted):	/16.50		
EER (Non-Ducted/Ducted):	/12.00		
SYSTEM DETAILS			
Refrigerant Type:	R-410A	Cooling Operation Range (°F DB):	23 - 122
Holding Refrigerant Charge (lbs):	6.4	Heating Operation Range (°F WB):	-
Additional Charge (lb/ft):	0.04	Max. Pipe Length (Vertical) (ft):	98
Pre-charge Piping (Length) (ft):	15	Cooling Range w/Baffle (°F DB):	0 - 122
Max. Pipe Length (Total) (ft):	164	Heating Range w/Baffle (°F WB):	-
Max Height Separation (Ind to Ind ft):	0		

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2.0-Ton DC Ducted Cooling Only FBQ24PVJURZR24TAVJU

INDOOR UNIT DETAILS			
Power Supply (V/Hz/Ph):	208-230 / 60 / 1	Airflow Rate (H/M/L) (CFM):	688/618/565
Power Supply Connections:	L1, L2, Ground	Moisture Removal (Gal/hr):	
Min. Circuit Amps MCA (A):	1.8	Gas Pipe Connection (inch):	5/8
Max Overcurrent Protection (MOP) (A):	15	Liquid Pipe Connection (inch):	3/8
Dimensions (HxWxD) (in):	11-13/16 x 39-3/8 x 27-9/16	Condensate Connection (inch):	1
Net Weight (lb):	80	Sound Pressure (H/M) (dBA):	42/40
Ext. Static Pressure (Rated/Max) (inWg):	0.8 / 0.8	Sound Power Level (dBA):	



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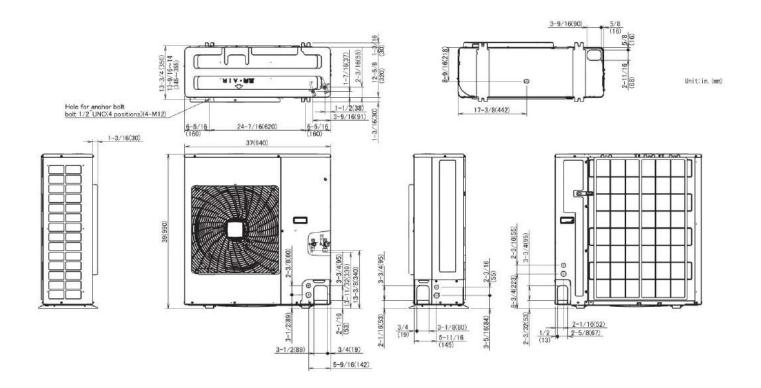
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2.0-Ton DC Ducted Cooling Only FBQ24PVJURZR24TAVJU

OUTDOOR UNIT DETAILS			
Power Supply (V/Hz/Ph):	208-230 / 60 / 1	Compressor Stage:	
Power Supply Connections:	L1, L2, Ground	Capacity Control Range (%):	14 - 100
Min. Circuit Amps MCA (A):	16.5	Airflow Rate (H) (CFM):	2682
Max Overcurrent Protection (MOP) (A):	25	Gas Pipe Connection (inch):	5/8
Max Starting Current MSC(A):		Liquid Pipe Connection (inch):	3/8
Rated Load Amps RLA(A):	15.3	Sound Pressure (H) (dBA):	58
Dimensions (HxWxD) (in):	39 x 37 x 12-5/8	Sound Power Level (dBA):	
Net Weight (lb):	172		

# **DIMENSIONAL DRAWING - OUTDOOR UNIT**



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2.5-Ton DC Ducted Cooling Only FBQ30PVJURZR30TAVJU

## **FEATURES**

- External static pressure (ESP) capabilities up to 0.8" W.G.
   Three user selected fan speeds available plus fan "Auto" logic
   Low ambient cooling operation down to 0°F (with optional wind Built-in condensate pump
   Maximum piping length up to 230 ft.allows flexible placement of indoor unit
   Maximum piping height separation up to 98 ft
   10 year limited parts and compressor warranty

#### **BENEFITS**

- DC fan motor provides improved efficiency
- Bottom access for easy service

#### **INDOOR UNIT**



#### **OUTDOOR UNIT**



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2.5-Ton DC Ducted Cooling Only FBQ30PVJURZR30TAVJU

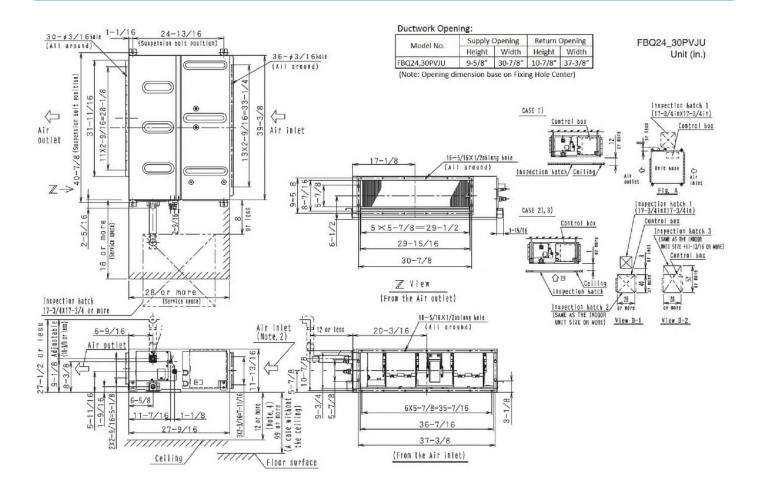
SYSTEM PERFORMANCE			
Indoor Unit Model No.	FBQ30PVJU	Indoor Unit Name:	Sky-Air DC Ducted
Outdoor Unit Model No.	RZR30TAVJU	Outdoor Unit Name:	Sky-Air 2.5 Ton Cooling Only ODU
Rated Cooling Capacity (Btu/hr):	30,000	Rated Cooling Conditions:	Indoor (°F DB/WB): 80 / 67 Ambient (°F DB/WB): 95 / 75
Sensible Capacity (Btu/hr):	23,400	Rated Piping Length(ft):	25
Max/Min Cooling Capacity (Btu/hr):	1	Rated Height Difference (ft):	0.00
Cooling Input Power (kW):	2.120	Rated Heating Conditions:	Indoor (°F DB/WB): 70 / 60 Ambient (°F DB/WB): 47 / 43
SEER (Non-Ducted/Ducted):	/ 16.00		
EER (Non-Ducted/Ducted):	/10.50		
SYSTEM DETAILS			
Refrigerant Type:	R-410A	Cooling Operation Range (°F DB):	23 - 122
Holding Refrigerant Charge (lbs):	7.9	Heating Operation Range (°F WB):	-
Additional Charge (lb/ft):	0.04	Max. Pipe Length (Vertical) (ft):	98
Pre-charge Piping (Length) (ft):	15	Cooling Range w/Baffle (°F DB):	0 - 122
Max. Pipe Length (Total) (ft):	230	Heating Range w/Baffle (°F WB):	-
Max Height Separation (Ind to Ind ft):	0		

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2.5-Ton DC Ducted Cooling Only FBQ30PVJURZR30TAVJU

INDOOR UNIT DETAILS			
Power Supply (V/Hz/Ph):	208-230 / 60 / 1	Airflow Rate (H/M/L) (CFM):	882/794/706
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):	11-13/16 x 39-3/8 x 27-9/16	Condensate Connection (inch):	1
Net Weight (lb):	80	Sound Pressure (H/M) (dBA):	43/41
Ext. Static Pressure (Rated/Max) (inWg):	0.8 / 0.8	Sound Power Level (dBA):	



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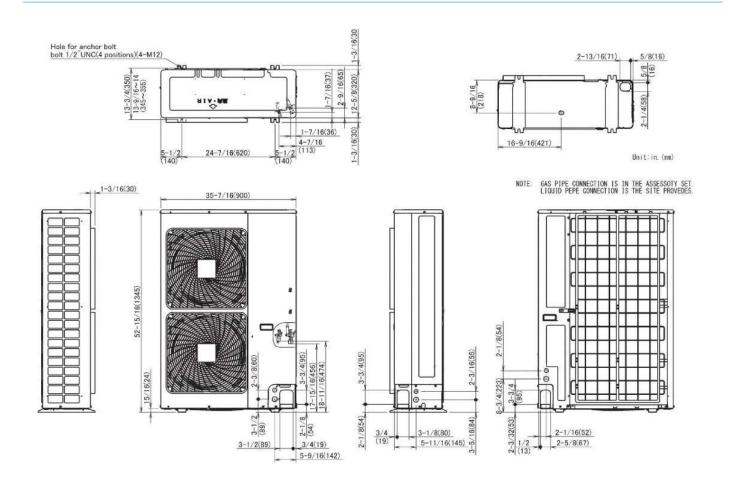
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2.5-Ton DC Ducted Cooling Only FBQ30PVJURZR30TAVJU

OUTDOOR UNIT DETAILS			
Power Supply (V/Hz/Ph):	208-230 / 60 / 1	Compressor Stage:	
Power Supply Connections:	L1, L2, Ground	Capacity Control Range (%):	14 - 100
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):	19	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		



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3.0-Ton DC Ducted Cooling Only FBQ36PVJURZR36TAVJU

## **FEATURES**

- External static pressure (ESP) capabilities up to 0.8" W.G.
   Three user selected fan speeds available plus fan "Auto" logic
   Low ambient cooling operation down to 0°F (with optional wind baffle(s))
- Built-in condensate pump
   Maximum piping length up to 230 ft. allows flexible placement of indoor unit
   Maximum piping height separation up to 98 ft.
   10 year limited parts and compressor warranty

#### **BENEFITS**

- DC fan motor provides improved efficiency
- Bottom access for easy service

## **INDOOR UNIT**

## **OUTDOOR UNIT**



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3.0-Ton DC Ducted Cooling Only FBQ36PVJURZR36TAVJU

SYSTEM PERFORMANCE			
Indoor Unit Model No.	FBQ36PVJU	Indoor Unit Name:	Sky-Air DC Ducted
Outdoor Unit Model No.	RZR36TAVJU	Outdoor Unit Name:	Sky-Air 3.0 Ton Cooling Only ODU
Rated Cooling Capacity (Btu/hr):	36,000	Rated Cooling Conditions:	Indoor (°F DB/WB): 80 / 67 Ambient (°F DB/WB): 95 / 75
Sensible Capacity (Btu/hr):	27,200	Rated Piping Length(ft):	25
Max/Min Cooling Capacity (Btu/hr):	1	Rated Height Difference (ft):	0.00
Cooling Input Power (kW):	2.990	Rated Heating Conditions:	Indoor (°F DB/WB): 70 / 60 Ambient (°F DB/WB): 47 / 43
SEER (Non-Ducted/Ducted):	/ 17.50		
EER (Non-Ducted/Ducted):	/11.10		
SYSTEM DETAILS			
Refrigerant Type:	R-410A	Cooling Operation Range (°F DB):	23 - 122
Holding Refrigerant Charge (lbs):	7.9	Heating Operation Range (°F WB):	
Additional Charge (lb/ft):	0.04	Max. Pipe Length (Vertical) (ft):	98

Cooling Range w/Baffle (°F DB):

Heating Range w/Baffle (°F WB):

0 - 122

Pre-charge Piping (Length) (ft):

Max. Pipe Length (Total) (ft):

Max Height Separation (Ind to Ind ft):

15

230

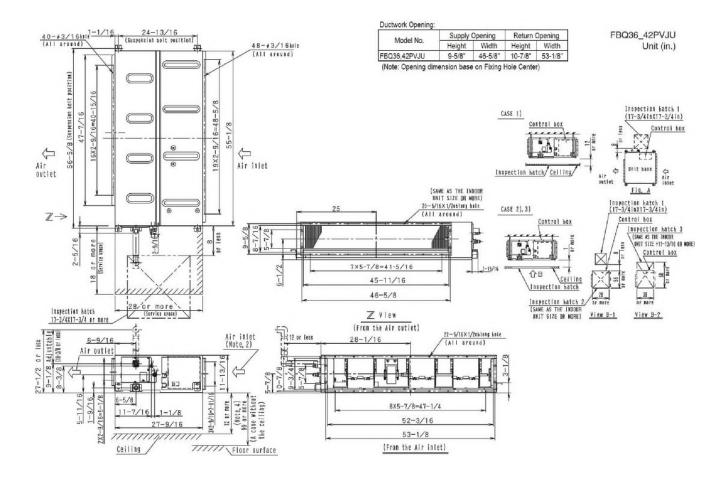
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3.0-Ton DC Ducted Cooling Only FBQ36PVJURZR36TAVJU

INDOOR UNIT DETAILS			
Power Supply (V/Hz/Ph):	208-230 / 60 / 1	Airflow Rate (H/M/L) (CFM):	1130/953/812
Power Supply Connections:	L1, L2, Ground	Moisture Removal (Gal/hr):	
Min. Circuit Amps MCA (A):	2.9	Gas Pipe Connection (inch):	5/8
Max Overcurrent Protection (MOP) (A):	15	Liquid Pipe Connection (inch):	3/8
Dimensions (HxWxD) (in):	11-13/16 x 55-1/8 x 27-9/16	Condensate Connection (inch):	1
Net Weight (lb):	102	Sound Pressure (H/M) (dBA):	43/41
Ext. Static Pressure (Rated/Max) (inWg):	0.8 / 0.8	Sound Power Level (dBA):	



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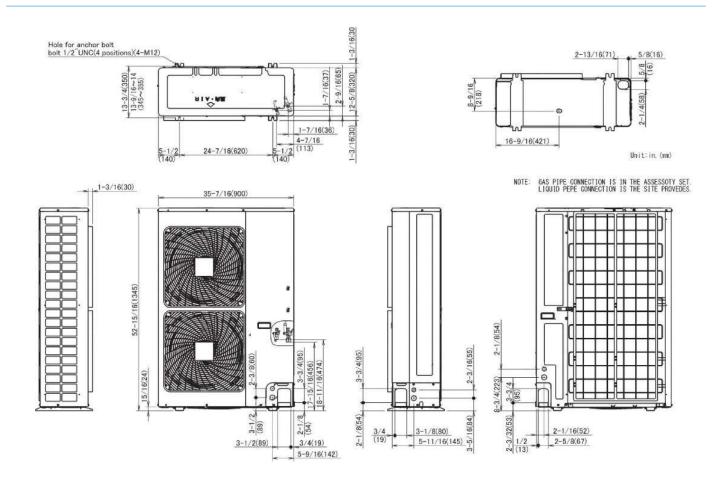
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3.0-Ton DC Ducted Cooling Only FBQ36PVJURZR36TAVJU

OUTDOOR UNIT DETAILS			
Power Supply (V/Hz/Ph):	208-230 / 60 / 1	Compressor Stage:	
Power Supply Connections:	L1, L2, Ground	Capacity Control Range (%):	14 - 100
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):	19	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		



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3.5-Ton DC Ducted Cooling Only FBQ42PVJURZR42TAVJU

## **FEATURES**

- External static pressure (ESP) capabilities up to 0.8" W.G.
   Three user selected fan speeds available plus fan "Auto" logic
   Low ambient cooling operation down to 0°F (with optional wind
- baffle(s))
   Built-in condensate pump
   Maximum piping length up to 230 ft. allows flexible placement of indoor
- Maximum piping height separation up to 98 ft.
  10 year limited parts and compressor warranty

#### **BENEFITS**

- DC fan motor provides improved efficiency
- Bottom access for easy service

## **INDOOR UNIT**



## **OUTDOOR UNIT**



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3.5-Ton DC Ducted Cooling Only FBQ42PVJURZR42TAVJU

SYSTEM PERFORMANCE			
Indoor Unit Model No.	FBQ42PVJU	Indoor Unit Name:	Sky-Air DC Ducted
Outdoor Unit Model No.	RZR42TAVJU	Outdoor Unit Name:	Sky-Air 3.5 Ton Cooling Only 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):	30,500	Rated Piping Length(ft):	25
Max/Min Cooling Capacity (Btu/hr):	/	Rated Height Difference (ft):	0.00
Cooling Input Power (kW):	3.490	Rated Heating Conditions:	Indoor (°F DB/WB): 70 / 60 Ambient (°F DB/WB): 47 / 43
SEER (Non-Ducted/Ducted):	/16.00		
EER (Non-Ducted/Ducted):	/10.10		
SYSTEM DETAILS			
Refrigerant Type:	R-410A	Cooling Operation Range (°F DB):	23 - 122
Holding Refrigerant Charge (lbs):	7.9	Heating Operation Range (°F WB):	-
Additional Charge (lb/ft):	0.04	Max. Pipe Length (Vertical) (ft):	98
Pre-charge Piping (Length) (ft):	15	Cooling Range w/Baffle (°F DB):	0 - 122
Max. Pipe Length (Total) (ft):	230	Heating Range w/Baffle (°F WB):	-
Max Height Separation (Ind to Ind ft):	0		

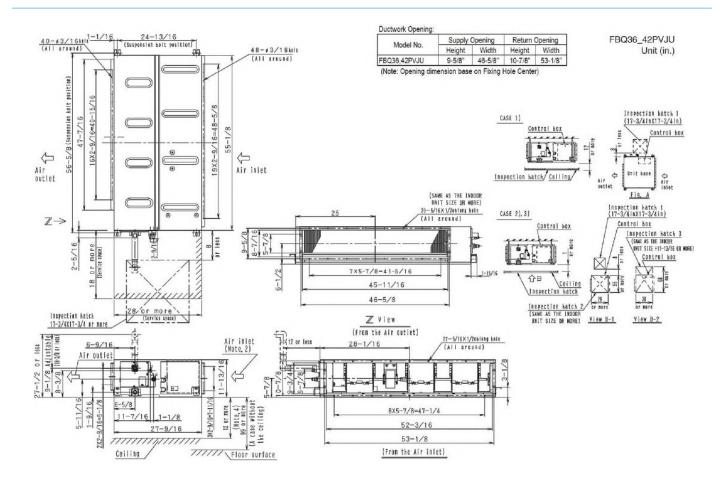
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3.5-Ton DC Ducted Cooling Only FBQ42PVJURZR42TAVJU

INDOOR UNIT DETAILS			
Power Supply (V/Hz/Ph):	208-230 / 60 / 1	Airflow Rate (H/M/L) (CFM):	1377/1,165/988
Power Supply Connections:	L1, L2, Ground	Moisture Removal (Gal/hr):	
Min. Circuit Amps MCA (A):	3.4	Gas Pipe Connection (inch):	5/8
Max Overcurrent Protection (MOP) (A):	15	Liquid Pipe Connection (inch):	3/8
Dimensions (HxWxD) (in):	11-13/16 x 55-1/8 x 27-9/16	Condensate Connection (inch):	1
Net Weight (lb):	102	Sound Pressure (H/M) (dBA):	44/42
Ext. Static Pressure (Rated/Max) (inWg):	0.8 / 0.8	Sound Power Level (dBA):	



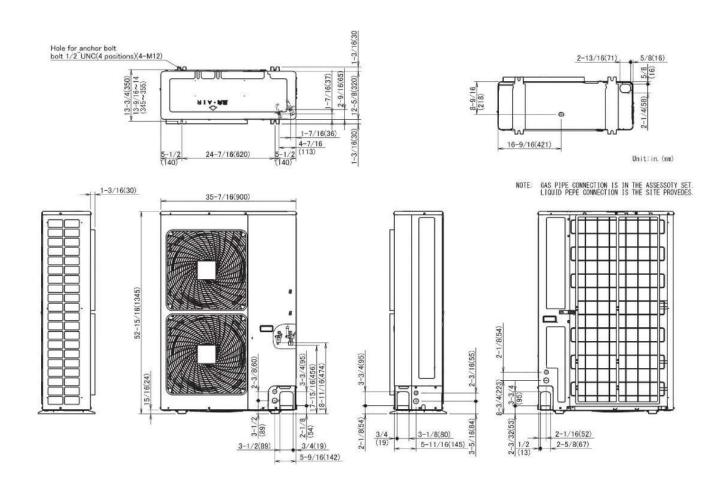
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3.5-Ton DC Ducted Cooling Only FBQ42PVJURZR42TAVJU

OUTDOOR UNIT DETAILS			
Power Supply (V/Hz/Ph):	208-230 / 60 / 1	Compressor Stage:	
Power Supply Connections:	L1, L2, Ground	Capacity Control Range (%):	14 - 100
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):	19	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		



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4.0-Ton DC Ducted Cooling Only FBQ48PVJURZR48TAVJU

## **FEATURES**

- External static pressure (ESP) capabilities up to 0.8" W.G.
   Three user selected fan speeds available plus fan "Auto" logic
   Low ambient cooling operation down to 0°F (with optional wind Built-in condensate pump
   Maximum piping length up to 230 ft. allows flexible placement of indoor unit

- Maximum piping height separation up to 98 ft.
  10 year limited parts and compressor warranty

#### **BENEFITS**

- DC fan motor provides improved efficiency
- Bottom access for easy service

#### **INDOOR UNIT**



#### **OUTDOOR UNIT**



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4.0-Ton DC Ducted Cooling Only FBQ48PVJURZR48TAVJU

Outdoor Unit Model No.  RZR48TAVJU  Outdoor Unit Name:  Sky-Air 4.0 Ton Cooling Only ODU  Indoor ("F DB/WB): 80 / 67 Ambient ("F DB/WB): 95 / 75  Sensible Capacity (Btu/hr):  36,100  Rated Piping Length(ft):  25  Max/Min Cooling Capacity (Btu/hr):  / Rated Height Difference (ft):  O.00  Cooling Input Power (kW):  SEER (Non-Ducted/Ducted):  / 14.00  SER (Non-Ducted/Ducted):  / 8 60  SYSTEM DETAILS  Refrigerant Type:  R-410A  Cooling Operation Range ("F DB):  Additional Charge (lbs):  7.9  Heating Operation Range ("F WB):  - Additional Charge (lbft):  O.04  Max. Pipe Length (Vertical) (ft):  98  Cooling Range w/Baffle ("F DB):  O - 122  Max. Pipe Length (Total) (ft):  230  Heating Range w/Baffle ("F WB):  -	SYSTEM PERFORMANCE			
Rated Cooling Capacity (Btu/hr): 4,800 Rated Cooling Conditions: Indoor (°F DB/WB): 80 / 67 Amblent (°F DB/WB): 95 / 75  Sensible Capacity (Btu/hr): 36,100 Rated Piping Length(ft): 25  Max/Min Cooling Capacity (Btu/hr): / Rated Height Difference (ft): 0.00  Cooling Input Power (kW):  SEER (Non-Ducted/Ducted): /14.00  FER. (Non-Ducted/Ducted): /8.60  SYSTEM DETAILS  Refrigerant Type: R-410A Cooling Operation Range (°F DB): 23 - 122  Holding Refrigerant Charge (lbs): 7.9 Heating Operation Range (°F WB): -  Additional Charge (lb/ft): 0.04 Max. Pipe Length (Vertical) (ft): 98  Pre-charge Piping (Length) (ft): 15 Cooling Range w/Baffle (°F DB): 0 - 122  Max. Pipe Length (Total) (ft): 230 Heating Range w/Baffle (°F WB): -	Indoor Unit Model No.	FBQ48PVJU	Indoor Unit Name:	Sky-Air DC Ducted
Rated Cooling Capacity (Btu/hr): 4,800 Rated Cooling Conditions: Ambient (°F DB/WB): 95 / 75  Sensible Capacity (Btu/hr): 36,100 Rated Piping Length(ft): 25  Max/Min Cooling Capacity (Btu/hr): / Rated Height Difference (ft): 0.00  Cooling Input Power (kW):  SEER (Non-Ducted/Ducted): / 14.00  FFR_(Non-Ducted/Ducted): / 8.60  SYSTEM DETAILS  Refrigerant Type: R-410A Cooling Operation Range (°F DB): 23 - 122  Holding Refrigerant Charge (lbs): 7.9 Heating Operation Range (°F WB): -  Additional Charge (lb/ft): 0.04 Max. Pipe Length (Vertical) (ft): 98  Pre-charge Piping (Length) (ft): 15 Cooling Range w/Baffle (°F WB): -  Max. Pipe Length (Total) (ft): 230 Heating Range w/Baffle (°F WB): -	Outdoor Unit Model No.	RZR48TAVJU	Outdoor Unit Name:	Sky-Air 4.0 Ton Cooling Only ODU
Max/Min Cooling Capacity (Btu/hr): / Rated Height Difference (ft): 0.00  Cooling Input Power (kW):  SEER (Non-Ducted/Ducted): /14.00  FER (Non-Ducted/Ducted): /8 60  SYSTEM DETAILS  Refrigerant Type: R-410A Cooling Operation Range (°F DB): 23 - 122  Holding Refrigerant Charge (lbs): 7.9 Heating Operation Range (°F WB): -  Additional Charge (lb/ft): 0.04 Max. Pipe Length (Vertical) (ft): 98  Pre-charge Piping (Length) (ft): 15 Cooling Range w/Baffle (°F DB): 0 - 122  Max. Pipe Length (Total) (ft): 230 Heating Range w/Baffle (°F WB): -	Rated Cooling Capacity (Btu/hr):	4,800	Rated Cooling Conditions:	
Cooling Input Power (kW):         SEER (Non-Ducted/Ducted): /14.00         EFR (Non-Ducted/Ducted): /8 60         SYSTEM DETAILS         Refrigerant Type: R-410A       Cooling Operation Range (°E DB): 23 - 122         Holding Refrigerant Charge (lbs): 7.9       Heating Operation Range (°F WB): -         Additional Charge (lb/ft): 0.04       Max. Pipe Length (Vertical) (ft): 98         Pre-charge Piping (Length) (ft): 15       Cooling Range w/Baffle (°F DB): 0 - 122         Max. Pipe Length (Total) (ft): 230       Heating Range w/Baffle (°F WB): -	Sensible Capacity (Btu/hr):	36,100	Rated Piping Length(ft):	25
SEER (Non-Ducted/Ducted):       / 14.00         FER (Non-Ducted/Ducted):       / 8.60         SYSTEM DETAILS         Refrigerant Type:       R-410A       Cooling Operation Range (°F DB):       23 - 122         Holding Refrigerant Charge (lbs):       7.9       Heating Operation Range (°F WB):       -         Additional Charge (lb/ft):       0.04       Max. Pipe Length (Vertical) (ft):       98         Pre-charge Piping (Length) (ft):       15       Cooling Range w/Baffle (°F DB):       0 - 122         Max. Pipe Length (Total) (ft):       230       Heating Range w/Baffle (°F WB):       -	Max/Min Cooling Capacity (Btu/hr):	I	Rated Height Difference (ft):	0.00
SYSTEM DETAILS  Refrigerant Type: R-410A Cooling Operation Range (°E.DB): 23 - 122  Holding Refrigerant Charge (lbs): 7.9 Heating Operation Range (°F.WB): - Additional Charge (lb/ft): 0.04 Max. Pipe Length (Vertical) (ft): 98 Pre-charge Piping (Length) (ft): 15 Cooling Range w/Baffle (°F.DB): 0 - 122  Max. Pipe Length (Total) (ft): 230 Heating Range w/Baffle (°F.WB):	Cooling Input Power (kW):			
Refrigerant Type:  R-410A  Cooling Operation Range (°F DB):  23 - 122  Holding Refrigerant Charge (lbs):  7.9  Heating Operation Range (°F WB):  -  Additional Charge (lb/ft):  0.04  Max. Pipe Length (Vertical) (ft):  98  Pre-charge Piping (Length) (ft):  15  Cooling Range w/Baffle (°F DB):  0 - 122  Max. Pipe Length (Total) (ft):  23 - 122  Heating Range w/Baffle (°F WB):  -	SEER (Non-Ducted/Ducted):	/ 14.00		
Refrigerant Type: R-410A Cooling Operation Range (°F DR): 23 - 122  Holding Refrigerant Charge (lbs): 7.9 Heating Operation Range (°F WB): - Additional Charge (lb/ft): 0.04 Max. Pipe Length (Vertical) (ft): 98 Pre-charge Piping (Length) (ft): 15 Cooling Range w/Baffle (°F DB): 0 - 122  Max. Pipe Length (Total) (ft): 230 Heating Range w/Baffle (°F WB):	FFR (Non-Ducted/Ducted):	/ 8 60		
Refrigerant Type: R-410A Cooling Operation Range (°F DR): 23 - 122  Holding Refrigerant Charge (lbs): 7.9 Heating Operation Range (°F WB): - Additional Charge (lb/ft): 0.04 Max. Pipe Length (Vertical) (ft): 98 Pre-charge Piping (Length) (ft): 15 Cooling Range w/Baffle (°F DB): 0 - 122  Max. Pipe Length (Total) (ft): 230 Heating Range w/Baffle (°F WB):	SYSTEM DETAILS			
Holding Refrigerant Charge (lbs): 7.9 Heating Operation Range (°F WB): -  Additional Charge (lb/ft): 0.04 Max. Pipe Length (Vertical) (ft): 98  Pre-charge Piping (Length) (ft): 15 Cooling Range w/Baffle (°F DB): 0 - 122  Max. Pipe Length (Total) (ft): 230 Heating Range w/Baffle (°F WB): -				
Additional Charge (lb/ft):  0.04  Max. Pipe Length (Vertical) (ft):  98  Pre-charge Piping (Length) (ft):  15  Cooling Range w/Baffle (°F DB):  0 - 122  Max. Pipe Length (Total) (ft):  230  Heating Range w/Baffle (°F WB):	Refrigerant Type:	R-410A	Cooling Operation Range (°F DR):	23 - 122
Pre-charge Piping (Length) (ft): 15 Cooling Range w/Baffle (°F DB): 0 - 122  Max. Pipe Length (Total) (ft): 230 Heating Range w/Baffle (°F WB): -	Holding Refrigerant Charge (lbs):	7.9	Heating Operation Range (°F WB):	-
Max. Pipe Length (Total) (ft): 230 Heating Range w/Baffle (°F WB): -	Additional Charge (lb/ft):	0.04	Max. Pipe Length (Vertical) (ft):	98
	Pre-charge Piping (Length) (ft):	15	Cooling Range w/Baffle (°F DB):	0 - 122
Max Height Separation (Ind to Ind ft): 0	Max. Pipe Length (Total) (ft):	230	Heating Range w/Baffle (°F WB):	-
	Max Height Separation (Ind to Ind ft):	0		

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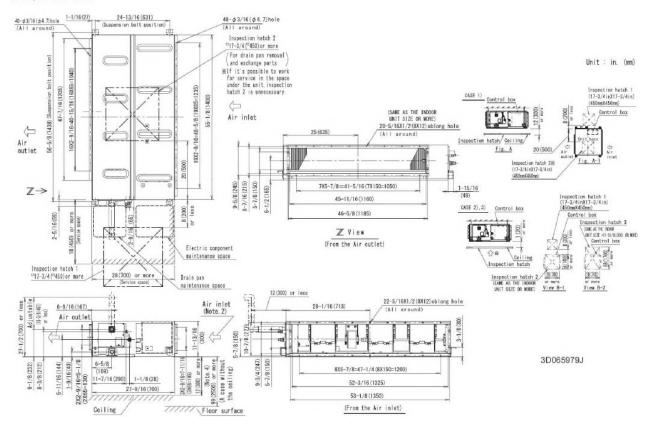
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4.0-Ton DC Ducted Cooling Only FBQ48PVJURZR48TAVJU

INDOOR UNIT DETAILS			
Power Supply (V/Hz/Ph):	208-230 / 60 / 1	Airflow Rate (H/M/L) (CFM):	1400/1,165/988
Power Supply Connections:	L1, L2, Ground	Moisture Removal (Gal/hr):	
Min. Circuit Amps MCA (A):	3.4	Gas Pipe Connection (inch):	5/8
Max Overcurrent Protection (MOP) (A):	15	Liquid Pipe Connection (inch):	3/8
Dimensions (HxWxD) (in):	11-13/16 x 55-1/8 x 27-9/16	Condensate Connection (inch):	1
Net Weight (lb):	102	Sound Pressure (H/M/L) (dBA):	44/42/40
Ext. Static Pressure (Rated/Max) (inWg):	0.4 / 0.8	Sound Power Level (dBA):	

## FBQ36-48PVJU



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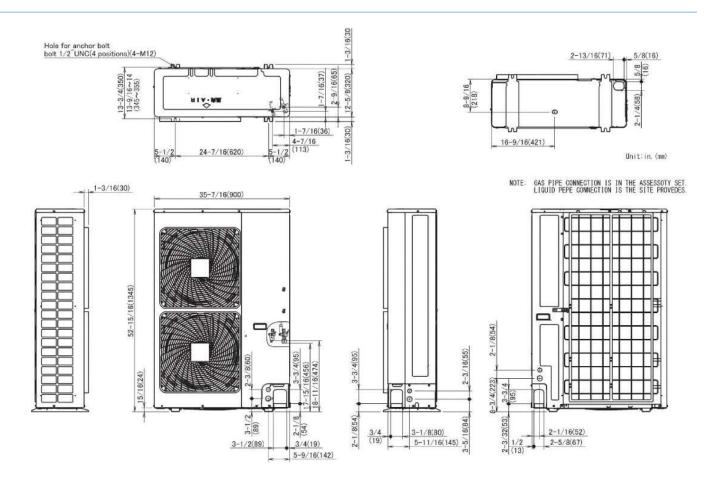
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4.0-Ton DC Ducted Cooling Only FBQ48PVJURZR48TAVJU

OUTDOOR UNIT DETAILS			
Power Supply (V/Hz/Ph):	208-230 / 60 / 1	Compressor Stage:	
Power Supply Connections:	L1, L2, Ground	Capacity Control Range (%):	14 - 100
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):	19	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		



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1.5-Ton Roundflow Sensing Cassette Cooling Only FCQ18TAVJURZR18TAVJU

## **INDOOR UNIT**



# **OUTDOOR UNIT**



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1.5-Ton Roundflow Sensing Cassette Cooling Only FCQ18TAVJURZR18TAVJU

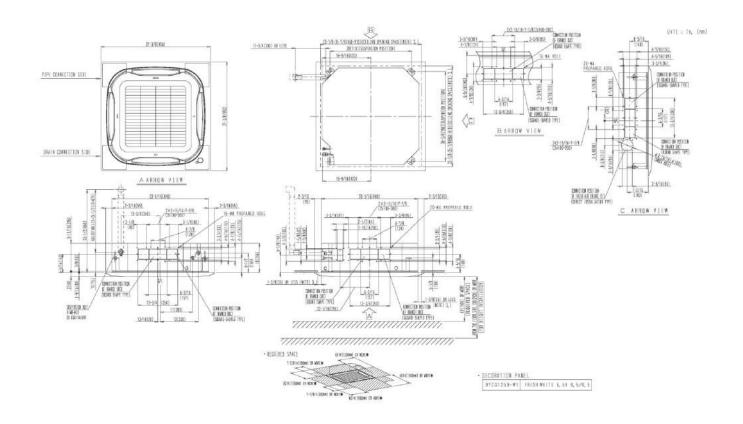
SYSTEM PERFORMANCE			
Indoor Unit Model No.	FCQ18TAVJU	Indoor Unit Name:	Sky-Air Round Flow Sensing Cassette
Outdoor Unit Model No.	RZR18TAVJU	Outdoor Unit Name:	Sky-Air Cooling Only ODU
Rated Cooling Capacity (Btu/hr):	18,000	Rated Cooling Conditions:	Indoor (°F DB/WB): 80 / 67 Ambient (°F DB/WB): 95 / 75
Sensible Capacity (Btu/hr):	16,100	Rated Piping Length(ft):	25
Max/Min Cooling Capacity (Btu/hr):	1	Rated Height Difference (ft):	0.00
Cooling Input Power (kW):			
SEER (Non-Ducted/Ducted):	18.60 /		
EER (Non-Ducted/Ducted):	13.00 /		
SYSTEM DETAILS			
Refrigerant Type:	R-410A	Cooling Operation Range (°F DB):	23 - 122
Holding Refrigerant Charge (lbs):	6.4	Heating Operation Range (°F WB):	-
Additional Charge (lb/ft):	0.04	Max. Pipe Length (Vertical) (ft):	98
Pre-charge Piping (Length) (ft):	15	Cooling Range w/Baffle (°F DB):	0 - 122
Max. Pipe Length (Total) (ft):	164	Heating Range w/Baffle (°F WB):	-
Max Height Separation (Ind to Ind ft):	0		

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1.5-Ton Roundflow Sensing Cassette Cooling Only FCQ18TAVJURZR18TAVJU

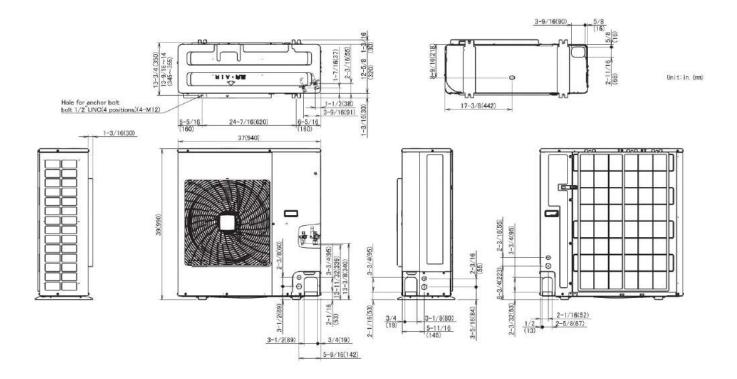
INDOOR UNIT DETAILS			
Power Supply (V/Hz/Ph):	208-230 / 60 / 1	Airflow Rate (H/M/L) (CFM):	742/618/477
Power Supply Connections:	L1, L2, Ground	Moisture Removal (Gal/hr):	
Min. Circuit Amps MCA (A):	0.6	Gas Pipe Connection (inch):	5/8
Max Overcurrent Protection (MOP) (A):	15	Liquid Pipe Connection (inch):	3/8
Dimensions (HxWxD) (in):	10-1/16 x 33-1/16 x 33-1/16	Condensate Connection (inch):	1
Net Weight (lb):	63	Sound Pressure (H/M/L) (dBA):	36/32/28
Ext. Static Pressure (Rated/Max) (inWg):	1	Sound Power Level (dBA):	





1.5-Ton Roundflow Sensing Cassette Cooling Only FCQ18TAVJURZR18TAVJU

OUTDOOR UNIT DETAILS					
Power Supply (V/Hz/Ph):	208-230 / 60 / 1	Compressor Stage:			
Power Supply Connections:	L1, L2, Ground	Capacity Control Range (%):	14-100		
Min. Circuit Amps MCA (A):	16.5	Airflow Rate (H) (CFM):	2682		
Max Overcurrent Protection (MOP) (A):	25	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):	39 x 37 x 12-5/8	Sound Power Level (dBA):			
Net Weight (lb):	172				





2.0-Ton Roundflow Sensing Cassette Cooling Only FCQ24TAVJURZR24TAVJU

## **INDOOR UNIT**



## **OUTDOOR UNIT**





2.0-Ton Roundflow Sensing Cassette Cooling Only FCQ24TAVJURZR24TAVJU

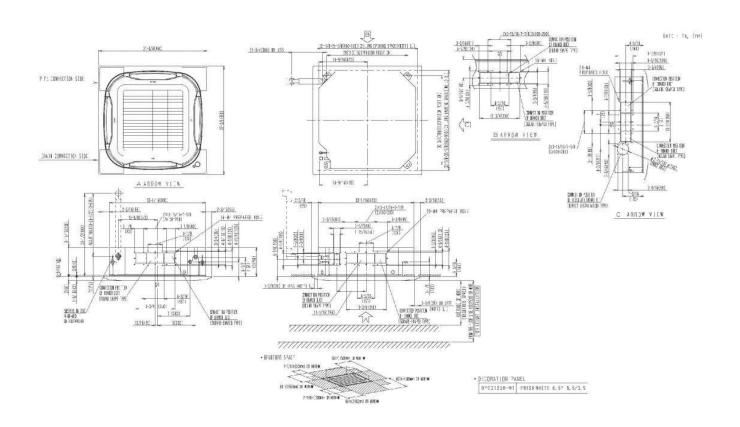
SYSTEM PERFORMANCE			
Indoor Unit Model No.	FCQ24TAVJU	Indoor Unit Name:	SkyAir Round Flow Sensing Cassette
Outdoor Unit Model No.	RZR24TAVJU	Outdoor Unit Name:	Sky-Air Cooling Only ODU
Rated Cooling Capacity (Btu/hr):	24,000	Rated Cooling Conditions:	Indoor (°F DB/WB): 80 / 67 Ambient (°F DB/WB): 95 / 75
Sensible Capacity (Btu/hr):	19,900	Rated Piping Length(ft):	25
Max/Min Cooling Capacity (Btu/hr):	1	Rated Height Difference (ft):	0.00
Cooling Input Power (kW):			
SEER (Non-Ducted/Ducted):	18.50 /		
EER (Non-Ducted/Ducted):	12.00 /		
SYSTEM DETAILS			
Refrigerant Type:	R-410A	Cooling Operation Range (°F DB):	23 - 122
Holding Refrigerant Charge (lbs):	6.4	Heating Operation Range (°F WB):	-
Additional Charge (lb/ft):	0.04	Max. Pipe Length (Vertical) (ft):	98
Pre-charge Piping (Length) (ft):	15	Cooling Range w/Baffle (°F DB):	0 -122
Max. Pipe Length (Total) (ft):	164	Heating Range w/Baffle (°F WB):	-
Max Height Separation (Ind to Ind ft):	0		

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2.0-Ton Roundflow Sensing Cassette Cooling Only FCQ24TAVJURZR24TAVJU

INDOOR UNIT DETAILS			
Power Supply (V/Hz/Ph):	208-230 / 60 / 1	Airflow Rate (H/M/L) (CFM):	777/618/477
Power Supply Connections:	L1, L2, Ground	Moisture Removal (Gal/hr):	
Min. Circuit Amps MCA (A):	0.7	Gas Pipe Connection (inch):	5/8
Max Overcurrent Protection (MOP) (A):	15	Liquid Pipe Connection (inch):	3/8
Dimensions (HxWxD) (in):	10-1/16 x 33-1/16 x 33-1/16	Condensate Connection (inch):	1
Net Weight (lb):	63	Sound Pressure (H/M/L) (dBA):	36/32/28
Ext. Static Pressure (Rated/Max) (inWg):	/	Sound Power Level (dBA):	



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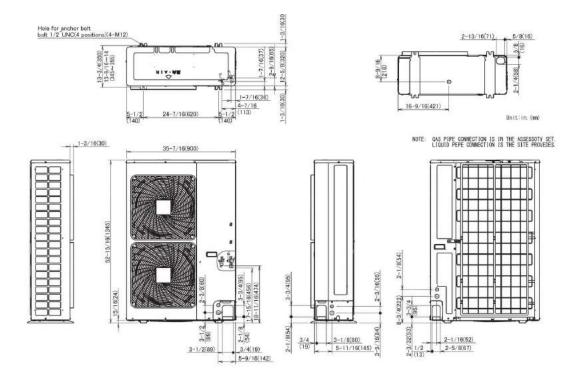
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2.0-Ton Roundflow Sensing Cassette Cooling Only FCQ24TAVJURZR24TAVJU

OUTDOOR UNIT DETAILS			
Power Supply (V/Hz/Ph):	208-230 / 60 / 1	Compressor Stage:	
Power Supply Connections:	L1, L2, Ground	Capacity Control Range (%):	14 - 100
Min. Circuit Amps MCA (A):	16.5	Airflow Rate (H) (CFM):	2682
Max Overcurrent Protection (MOP) (A):	25	Gas Pipe Connection (inch):	5/8
Dimensions (HxWxD) (in):	39 x 37 x 12-5/8	Liquid Pipe Connection (inch):	3/8
Net Weight (lb):	172	Sound Pressure (H) (dBA):	58
		Sound Power Level (dBA):	



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2.5-Ton Roundflow Sensing Cassette Cooling Only FCQ30TAVJURZR30TAVJU

## **INDOOR UNIT**



## **OUTDOOR UNIT**





2.5-Ton Roundflow Sensing Cassette Cooling Only FCQ30TAVJURZR30TAVJU

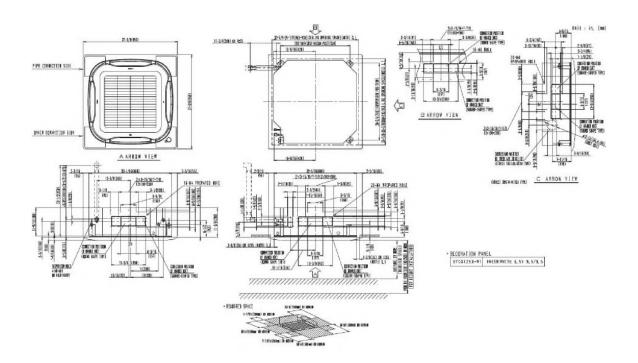
SYSTEM PERFORMANCE			
Indoor Unit Model No.	FCQ30TAVJU	Indoor Unit Name:	Sky-Air Round Flow Sensing Cassette
Outdoor Unit Model No.	RZR30TAVJU	Outdoor Unit Name:	Sky-Air Cooling Only ODU
Rated Cooling Capacity (Btu/hr):	30,000	Rated Cooling Conditions:	Indoor (°F DB/WB): 80 / 67 Ambient (°F DB/WB): 95 / 75
Sensible Capacity (Btu/hr):	22,300	Rated Piping Length(ft):	25
Max/Min Cooling Capacity (Btu/hr):	1	Rated Height Difference (ft):	0.00
Cooling Input Power (kW):			
SEER (Non-Ducted/Ducted):	17.20 /		
EER (Non-Ducted/Ducted):	9.30 /		
SYSTEM DETAILS			
Refrigerant Type:	R-410A	Cooling Operation Range (°F DB):	23 - 122
Holding Refrigerant Charge (lbs):	7.9	Heating Operation Range (°F WB):	-
Additional Charge (lb/ft):	0.04	Max. Pipe Length (Vertical) (ft):	98
Pre-charge Piping (Length) (ft):	15	Cooling Range w/Baffle (°F DB):	0 - 122
Max. Pipe Length (Total) (ft):	230	Heating Range w/Baffle (°F WB):	-
Max Height Separation (Ind to Ind ft):	0		

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2.5-Ton Roundflow Sensing Cassette Cooling Only FCQ30TAVJURZR30TAVJU

INDOOR UNIT DETAILS			
Power Supply (V/Hz/Ph):	208-230 / 60 / 1	Airflow Rate (H/M/L) (CFM):	1112/918/671
Power Supply Connections:	L1, L2, Ground	Moisture Removal (Gal/hr):	
Min. Circuit Amps MCA (A):	1.3	Gas Pipe Connection (inch):	5/8
Max Overcurrent Protection (MOP) (A):	15	Liquid Pipe Connection (inch):	3/8
Dimensions (HxWxD) (in):	11-23/32 x 33-1/16 x 33-1/16	Condensate Connection (inch):	1
Net Weight (lb):	70	Sound Pressure (H/M/L) (dBA):	44/38/32
Ext. Static Pressure (Rated/Max) (inWg):	1	Sound Power Level (dBA):	

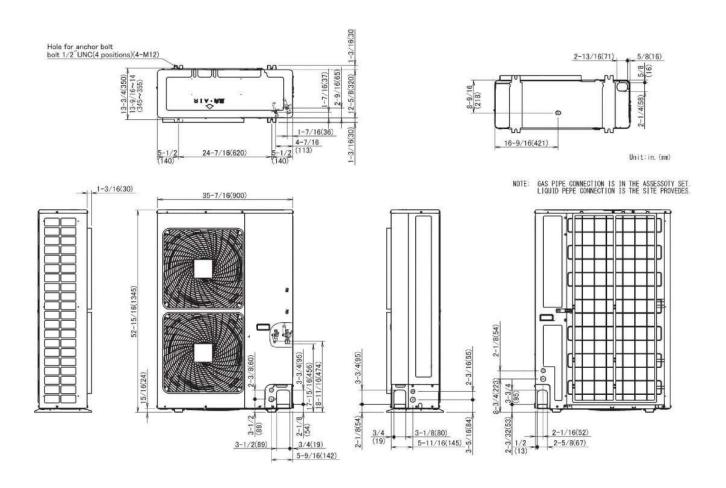


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2.5-Ton Roundflow Sensing Cassette Cooling Only FCQ30TAVJURZR30TAVJU

OUTDOOR UNIT DETAILS				
Power Supply (V/Hz/Ph):	208-230 / 60 / 1	Compressor Stage:		
Power Supply Connections:	L1, L2, Ground	Capacity Control Range (%):	14 - 100	
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):	19	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			



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3.0-Ton Roundflow Sensing Cassette Cooling Only FCQ36TAVJURZR36TAVJU

## **INDOOR UNIT**



## **OUTDOOR UNIT**



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3.0-Ton Roundflow Sensing Cassette Cooling Only FCQ36TAVJURZR36TAVJU

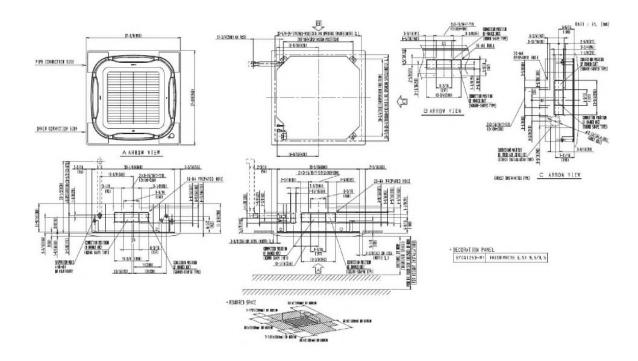
SYSTEM PERFORMANCE			
Indoor Unit Model No.	FCQ36TAVJU	Indoor Unit Name:	Sky-Air Round Flow Sensing Cassette
Outdoor Unit Model No.	RZR36TAVJU	Outdoor Unit Name:	Sky-Air Cooling Only ODU
Rated Cooling Capacity (Btu/hr):	36,000	Rated Cooling Conditions:	Indoor (°F DB/WB): 80 / 67 Ambient (°F DB/WB): 95 / 75
Sensible Capacity (Btu/hr):	28,300	Rated Piping Length(ft):	25
Max/Min Cooling Capacity (Btu/hr):	1	Rated Height Difference (ft):	0.00
Cooling Input Power (kW):			
SEER (Non-Ducted/Ducted):	17.60 /		
EER (Non-Ducted/Ducted):	11.40 /		
SYSTEM DETAILS			
Refrigerant Type:	R-410A	Cooling Operation Range (°F DB):	23 - 122
Holding Refrigerant Charge (lbs):	7.9	Heating Operation Range (°F WB):	-
Additional Charge (lb/ft):	0.04	Max. Pipe Length (Vertical) (ft):	98
Pre-charge Piping (Length) (ft):	15	Cooling Range w/Baffle (°F DB):	0 - 122
Max. Pipe Length (Total) (ft):	230	Heating Range w/Baffle (°F WB):	-
Max Height Separation (Ind to Ind ft):	0		

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3.0-Ton Roundflow Sensing Cassette Cooling Only FCQ36TAVJURZR36TAVJU

INDOOR UNIT DETAILS			
Power Supply (V/Hz/Ph):	208-230 / 60 / 1	Airflow Rate (H/M/L) (CFM):	1165/918/671
Power Supply Connections:	L2, L2, Ground	Moisture Removal (Gal/hr):	
Min. Circuit Amps MCA (A):	1.5	Gas Pipe Connection (inch):	5/8
Max Overcurrent Protection (MOP) (A):	15	Liquid Pipe Connection (inch):	3/8
Dimensions (HxWxD) (in):	11-23/32 x 33-1/16 x 33-1/16	Condensate Connection (inch):	1
Net Weight (lb):	70	Sound Pressure (H/M/L) (dBA):	44/38/32
Ext. Static Pressure (Rated/Max) (inWg):	1	Sound Power Level (dBA):	

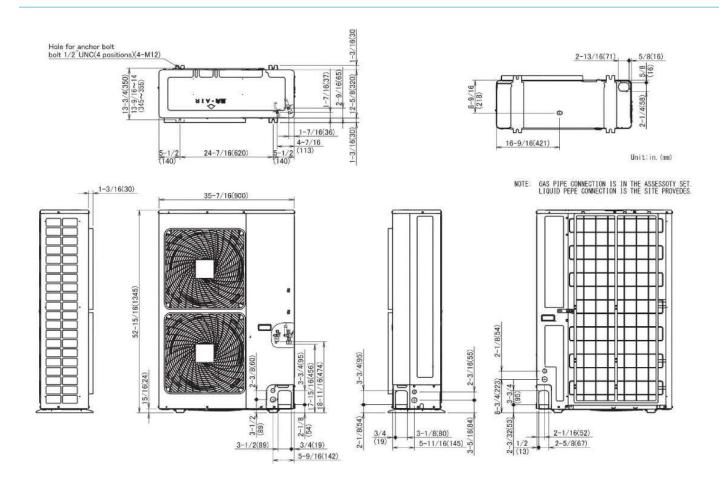


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3.0-Ton Roundflow Sensing Cassette Cooling Only FCQ36TAVJURZR36TAVJU

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):	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):	19	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			



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3.5-Ton Roundflow Sensing Cassette Cooling Only FCQ42TAVJURZR42TAVJU

# **INDOOR UNIT**



# **OUTDOOR UNIT**



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3.5-Ton Roundflow Sensing Cassette Cooling Only FCQ42TAVJURZR42TAVJU

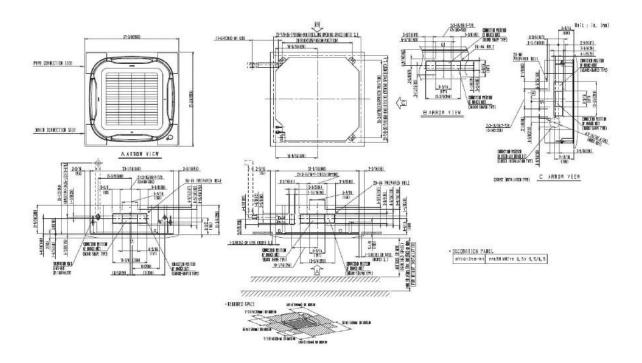
SYSTEM PERFORMANCE			
Indoor Unit Model No.	FCQ42TAVJU	Indoor Unit Name:	Sky-Air Round Flow Sensing Cassette
Outdoor Unit Model No.	RZR42TAVJU	Outdoor Unit Name:	Sky-Air Cooling Only ODU
Rated Cooling Capacity (Btu/hr):	42,000	Rated Cooling Conditions:	Indoor (°F DB/WB): 80 / 67 Ambient (°F DB/WB): 95 / 75
Sensible Capacity (Btu/hr):	30,600	Rated Piping Length(ft):	25
Max/Min Cooling Capacity (Btu/hr):	1	Rated Height Difference (ft):	0.00
Cooling Input Power (kW):			
SEER (Non-Ducted/Ducted):	17.00 /		
EER (Non-Ducted/Ducted):	10.30 /		
SYSTEM DETAILS			
Refrigerant Type:	R-410A	Cooling Operation Range (°F DB):	23 - 122
Holding Refrigerant Charge (lbs):	7.9	Heating Operation Range (°F WB):	-
Additional Charge (lb/ft):	0.04	Max. Pipe Length (Vertical) (ft):	98
Pre-charge Piping (Length) (ft):	15	Cooling Range w/Baffle (°F DB):	0 - 122
Max. Pipe Length (Total) (ft):	230	Heating Range w/Baffle (°F WB):	-
Max Height Separation (Ind to Ind ft):	0		

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3.5-Ton Roundflow Sensing Cassette Cooling Only FCQ42TAVJURZR42TAVJU

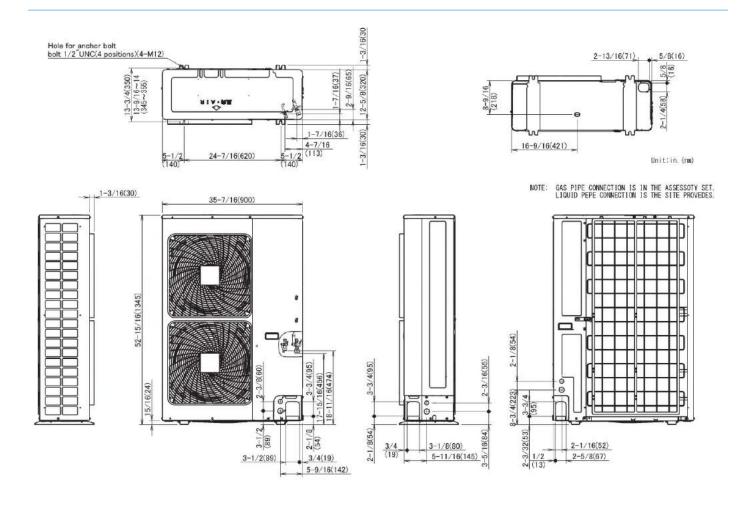
INDOOR UNIT DETAILS			
Power Supply (V/Hz/Ph):	208-230 / 60 / 1	Airflow Rate (H/M/L) (CFM):	1218/971/742
Power Supply Connections:	L1, L2, Ground	Moisture Removal (Gal/hr):	
Min. Circuit Amps MCA (A):	1.8	Gas Pipe Connection (inch):	5/8
Max Overcurrent Protection (MOP) (A):	15	Liquid Pipe Connection (inch):	3/8
Dimensions (HxWxD) (in):	11-23/32 x 33-1/16 x 33-1/16	Condensate Connection (inch):	1
Net Weight (lb):	70	Sound Pressure (H/M/L) (dBA):	45/40/35
Ext. Static Pressure (Rated/Max) (inWg):	/	Sound Power Level (dBA):	





3.5-Ton Roundflow Sensing Cassette Cooling Only FCQ42TAVJURZR42TAVJU

OUTDOOR UNIT DETAILS				
Power Supply (V/Hz/Ph):	208-230 / 60 / 1	Compressor Stage:		
Power Supply Connections:	L1, L2, Ground	Capacity Control Range (%):	14-100	
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			



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4.0-Ton Roundflow Sensing Cassette Cooling Only FCQ48TAVJURZR48TAVJU

## **INDOOR UNIT**



# **OUTDOOR UNIT**



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4.0-Ton Roundflow Sensing Cassette Cooling Only FCQ48TAVJURZR48TAVJU

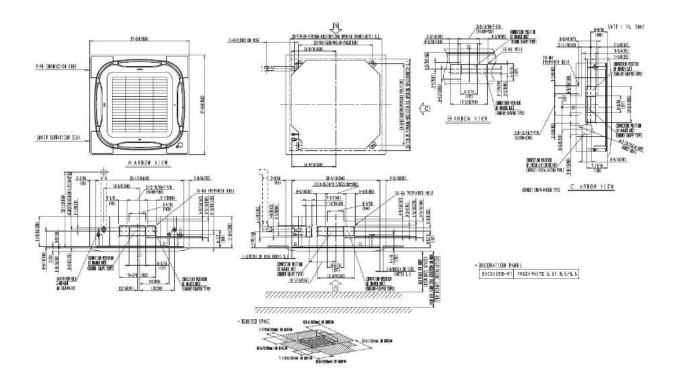
SYSTEM PERFORMANCE			
Indoor Unit Model No.	FCQ48TAVJU	Indoor Unit Name:	Sky-Air Round Flow Sensing Cassette
Outdoor Unit Model No.	RZR48TAVJU	Outdoor Unit Name:	Sky-Air Cooling Only ODU
Rated Cooling Capacity (Btu/hr):	48,000	Rated Cooling Conditions:	Indoor (°F DB/WB): 80 / 67 Ambient (°F DB/WB): 95 / 75
Sensible Capacity (Btu/hr):	35,000	Rated Piping Length(ft):	25
Max/Min Cooling Capacity (Btu/hr):	1	Rated Height Difference (ft):	0.00
Cooling Input Power (kW):			
SEER (Non-Ducted/Ducted):	17.00 /		
EER (Non-Ducted/Ducted):	9.00 /		
SYSTEM DETAILS			
Refrigerant Type:	R-410A	Cooling Operation Range (°F DB):	23 - 122
Holding Refrigerant Charge (lbs):	7.9	Heating Operation Range (°F WB):	-
Additional Charge (lb/ft):	0.04	Max. Pipe Length (Vertical) (ft):	98
Pre-charge Piping (Length) (ft):	15	Cooling Range w/Baffle (°F DB):	0 - 122
Max. Pipe Length (Total) (ft):	230	Heating Range w/Baffle (°F WB):	-
Max Height Separation (Ind to Ind ft):	0		

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4.0-Ton Roundflow Sensing Cassette Cooling Only FCQ48TAVJURZR48TAVJU

INDOOR UNIT DETAILS			
Power Supply (V/Hz/Ph):	208-230 / 60 / 1	Airflow Rate (H/M/L) (CFM):	1218/971/742
Power Supply Connections:	L1, L2, Ground	Moisture Removal (Gal/hr):	
Min. Circuit Amps MCA (A):	1.8	Gas Pipe Connection (inch):	5/8
Max Overcurrent Protection (MOP) (A):	15	Liquid Pipe Connection (inch):	3/8
Dimensions (HxWxD) (in):	11-23/32 x 33-1/16 x 33-1/16	Condensate Connection (inch):	1-1/4
Net Weight (lb):	70	Sound Pressure (H/M/L) (dBA):	45/40/35
Ext. Static Pressure (Rated/Max) (inWg):	/	Sound Power Level (dBA):	

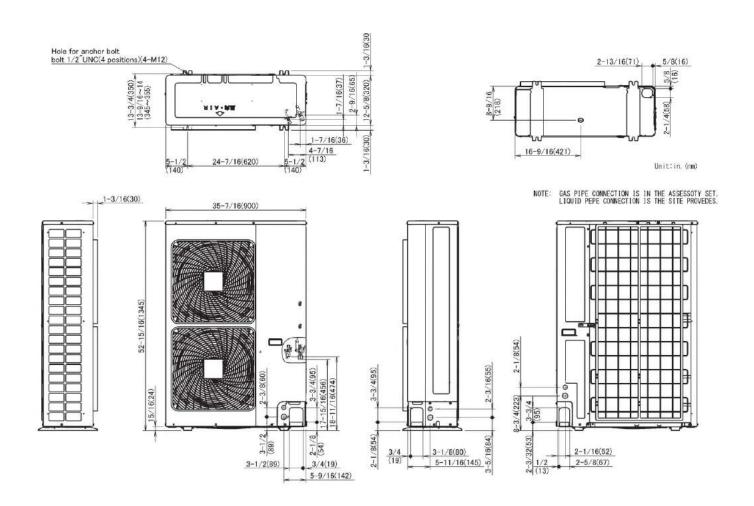


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4.0-Ton Roundflow Sensing Cassette Cooling Only FCQ48TAVJURZR48TAVJU

OUTDOOR UNIT DETAILS				
Power Supply (V/Hz/Ph):	208-230 / 60 / 1	Compressor Stage:		
Power Supply Connections:	L1, L2, Ground	Capacity Control Range (%):	14-100	
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			



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1.5-Ton Ceiling Suspended Cooling Only FHQ18PVJURZR18TAVJU

## **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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1.5-Ton Ceiling Suspended Cooling Only FHQ18PVJURZR18TAVJU

SYSTEM PERFORMANCE			
Indoor Unit Model No.	FHQ18PVJU	Indoor Unit Name:	Sky-Air Ceiling Suspended
Outdoor Unit Model No.	RZR18TAVJU	Outdoor Unit Name:	Sky-Air 1.5 Ton Cooling Only ODU
Rated Cooling Capacity (Btu/hr):	18,000	Rated Cooling Conditions:	Indoor (°F DB/WB): 80 / 67 Ambient (°F DB/WB): 95 / 75
Sensible Capacity (Btu/hr):	13,300	Rated Piping Length(ft):	25
Max/Min Cooling Capacity (Btu/hr):	1	Rated Height Difference (ft):	0.00
Cooling Input Power (kW):	1.570	Rated Heating Conditions:	Indoor (°F DB/WB): 70 / 60 Ambient (°F DB/WB): 47 / 43
SEER (Non-Ducted/Ducted):	16.30 /		
EER (Non-Ducted/Ducted):	12.90 /		
SYSTEM DETAILS			
Refrigerant Type:	R-410A	Cooling Operation Range (°F DB):	23 - 122
Holding Refrigerant Charge (lbs):	6.4	Heating Operation Range (°F WB):	-
Additional Charge (lb/ft):	0.04	Max. Pipe Length (Vertical) (ft):	98
Pre-charge Piping (Length) (ft):	15	Cooling Range w/Baffle (°F DB):	0 - 122
Max. Pipe Length (Total) (ft):	164	Heating Range w/Baffle (°F WB):	-
Max Height Separation (Ind to Ind ft):	0		

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1.5-Ton Ceiling Suspended Cooling Only FHQ18PVJURZR18TAVJU

INDOOR UNIT DETAILS			
Power Supply (V/Hz/Ph):	208-230 / 60 / 1	Airflow Rate (H/L) (CFM):	790/670
Power Supply Connections:	L1, L2, Ground	Moisture Removal (Gal/hr):	
Min. Circuit Amps MCA (A):	1.3	Gas Pipe Connection (inch):	5/8
Max Overcurrent Protection (MOP) (A):	15	Liquid Pipe Connection (inch):	3/8
Dimensions (HxWxD) (in):	7-11/16 x 62-5/8 x 26-3/4	Condensate Connection (inch):	1
Net Weight (lb):	90	Sound Pressure (H) (dBA):	45
Ext. Static Pressure (Rated/Max) (inWg):	0/0	Sound Power Level (dBA):	

# Unit (in.) 27-3/16 5-9/16 Position of holes for backward pipe connection (View from the front) 26-1/8 3/16 (Required space) Suspension bolt 4-M8~M10 (Suspension bolt pitch) 3-1/8 25-3/4 27-11/16 Position of holes in the wall for backward pipe connection (View from the front) Datacle For height installation 106 or less Φ1-3/4 |-3/16 or more |Service space| | Brand hame plate | (Hote, 2) 1-3/16pr more (Service space) 62-5/8 The front 8/1-8 4-1/8 6-11/16 3-1/8

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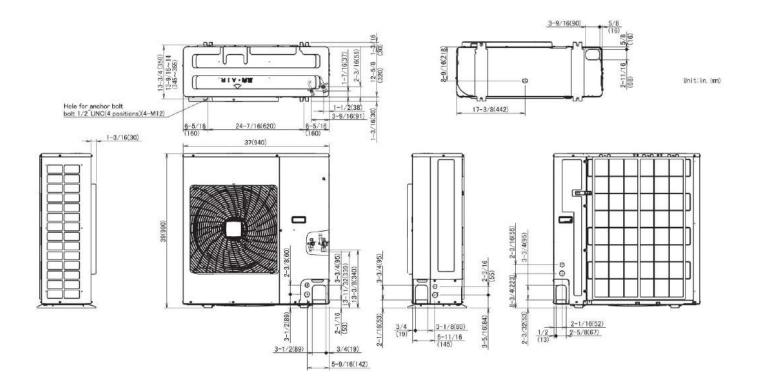
FHQ18/24/30/36/42MVJU



1.5-Ton Ceiling Suspended Cooling Only FHQ18PVJURZR18TAVJU

OUTDOOR UNIT DETAILS			
Power Supply (V/Hz/Ph):	208-230 / 60 / 1	Compressor Stage:	
Power Supply Connections:	L1, L2, Ground	Capacity Control Range (%):	14 - 100
Min. Circuit Amps MCA (A):	16.5	Airflow Rate (H) (CFM):	2682
Max Overcurrent Protection (MOP) (A):	25	Gas Pipe Connection (inch):	5/8
Max Starting Current MSC(A):		Liquid Pipe Connection (inch):	3/8
Rated Load Amps RLA(A):	15.3	Sound Pressure (H) (dBA):	58
Dimensions (HxWxD) (in):	39 x 37 x 12-5/8	Sound Power Level (dBA):	
Net Weight (lb):	172		

# **DIMENSIONAL DRAWING - OUTDOOR UNIT**



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2.0-Ton Ceiling Suspended Cooling Only FHQ24PVJURZR24TAVJU

# **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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2.0-Ton Ceiling Suspended Cooling Only FHQ24PVJURZR24TAVJU

SYSTEM PERFORMANCE			
Indoor Unit Model No.	FHQ24PVJU	Indoor Unit Name:	Sky-Air Ceiling Suspended
Outdoor Unit Model No.	RZR24TAVJU	Outdoor Unit Name:	Sky-Air 2.0 Ton Cooling Only ODU
Rated Cooling Capacity (Btu/hr):	24,000	Rated Cooling Conditions:	Indoor (°F DB/WB): 80 / 67 Ambient (°F DB/WB): 95 / 75
Sensible Capacity (Btu/hr):	17,100	Rated Piping Length(ft):	25
Max/Min Cooling Capacity (Btu/hr):	/	Rated Height Difference (ft):	0.00
Cooling Input Power (kW):	2.190	Rated Heating Conditions:	Indoor (°F DB/WB): 70 / 60 Ambient (°F DB/WB): 47 / 43
SEER (Non-Ducted/Ducted):	16.60 /		
EER (Non-Ducted/Ducted):	11.30 /		
SYSTEM DETAILS			
Refrigerant Type:	R-410A	Cooling Operation Range (°F DB):	23 - 122
Holding Refrigerant Charge (lbs):	6.4	Heating Operation Range (°F WB):	-
Additional Charge (lb/ft):	0.04	Max. Pipe Length (Vertical) (ft):	98
Pre-charge Piping (Length) (ft):	15	Cooling Range w/Baffle (°F DB):	0 - 122
Max. Pipe Length (Total) (ft):	164	Heating Range w/Baffle (°F WB):	-
Max Height Separation (Ind to Ind ft):	0		

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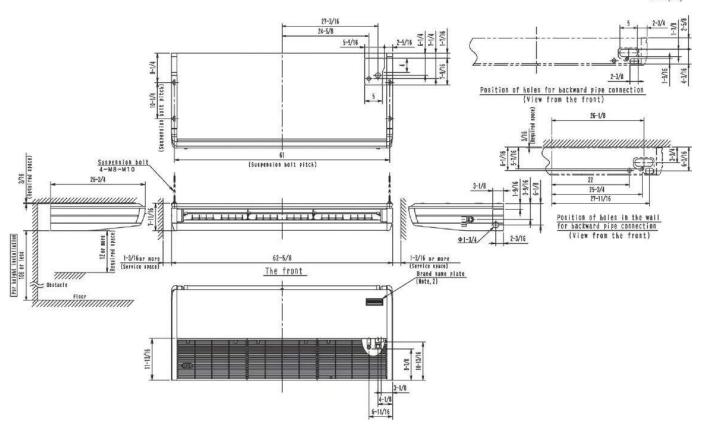
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## **Submittal Data Sheet**

2.0-Ton Ceiling Suspended Cooling Only FHQ24PVJURZR24TAVJU

INDOOR UNIT DETAILS			
Power Supply (V/Hz/Ph):	208-230 / 60 / 1	Airflow Rate (H/L) (CFM):	790/670
Power Supply Connections:	L1, L2, Ground	Moisture Removal (Gal/hr):	
Min. Circuit Amps MCA (A):	1.3	Gas Pipe Connection (inch):	5/8
Max Overcurrent Protection (MOP) (A):	15	Liquid Pipe Connection (inch):	3/8
Dimensions (HxWxD) (in):	7-11/16 x 62-5/8 x 26-3/4	Condensate Connection (inch):	1
Net Weight (lb):	90	Sound Pressure (H) (dBA):	45
Ext. Static Pressure (Rated/Max) (inWg):	0/0	Sound Power Level (dBA):	

### FHQ18/24/30/36/42MVJU Unit (in.)



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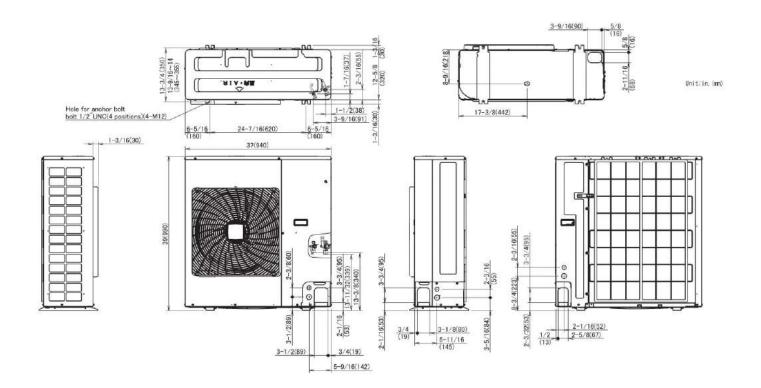
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Submittal Date: 2/3/2019 10:17:37 AM

2.0-Ton Ceiling Suspended Cooling Only FHQ24PVJURZR24TAVJU

OUTDOOR UNIT DETAILS			
Power Supply (V/Hz/Ph):	208-230 / 60 / 1	Compressor Stage:	
Power Supply Connections:	L1, L2, Ground	Capacity Control Range (%):	14 - 100
Min. Circuit Amps MCA (A):	16.5	Airflow Rate (H) (CFM):	2682
Max Overcurrent Protection (MOP) (A):	25	Gas Pipe Connection (inch):	5/8
Max Starting Current MSC(A):	15.3	Liquid Pipe Connection (inch):	3/8
Rated Load Amps RLA(A):		Sound Pressure (H) (dBA):	58
Dimensions (HxWxD) (in):	39 x 37 x 12-5/8	Sound Power Level (dBA):	
Net Weight (lb):	172		

# **DIMENSIONAL DRAWING - OUTDOOR UNIT**



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2.5-Ton Ceiling Suspended Cooling Only FHQ30PVJURZR30TAVJU

## **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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2.5-Ton Ceiling Suspended Cooling Only FHQ30PVJURZR30TAVJU

SYSTEM PERFORMANCE			
Indoor Unit Model No.	FHQ30PVJU	Indoor Unit Name:	Sky-Air Ceiling Suspended
Outdoor Unit Model No.	RZR30TAVJU	Outdoor Unit Name:	Sky-Air 2.5 Ton Cooling Only 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):	21,100	Rated Piping Length(ft):	25
Max/Min Cooling Capacity (Btu/hr):	1	Rated Height Difference (ft):	0.00
Cooling Input Power (kW):	3.080	Rated Heating Conditions:	Indoor (°F DB/WB): 70 / 60 Ambient (°F DB/WB): 47 / 43
SEER (Non-Ducted/Ducted):	16.00 /		
EER (Non-Ducted/Ducted):	10.50 /		
SYSTEM DETAILS			
Refrigerant Type:	R-410A	Cooling Operation Range (°F DB):	23 - 122
Holding Refrigerant Charge (lbs):	7.9	Heating Operation Range (°F WB):	-
Additional Charge (lb/ft):	0.04	Max. Pipe Length (Vertical) (ft):	98
Pre-charge Piping (Length) (ft):	15	Cooling Range w/Baffle (°F DB):	0 - 122
Max. Pipe Length (Total) (ft):	230	Heating Range w/Baffle (°F WB):	-
Max Height Separation (Ind to Ind ft):	0		

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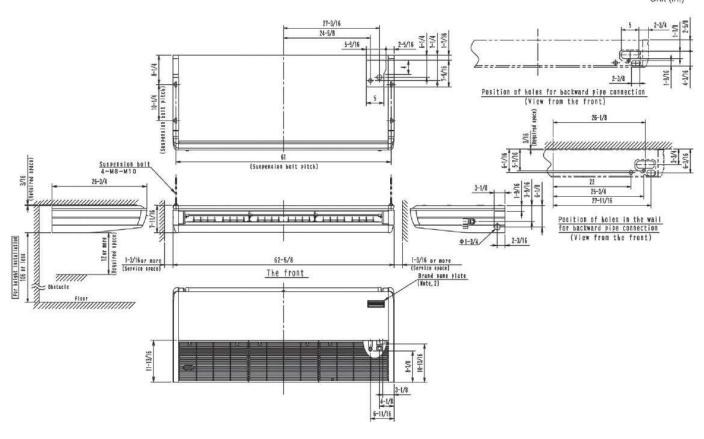
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2.5-Ton Ceiling Suspended Cooling Only FHQ30PVJURZR30TAVJU

INDOOR UNIT DETAILS			
Power Supply (V/Hz/Ph):	208-230 / 60 / 1	Airflow Rate (H/L) (CFM):	790/670
Power Supply Connections:	L1, L2, Ground	Moisture Removal (Gal/hr):	
Min. Circuit Amps MCA (A):	1.3	Gas Pipe Connection (inch):	5/8
Max Overcurrent Protection (MOP) (A):	15	Liquid Pipe Connection (inch):	3/8
Dimensions (HxWxD) (in):	7-11/16 x 62-5/8 x 26-3/4	Condensate Connection (inch):	1
Net Weight (lb):	90	Sound Pressure (H) (dBA):	45
Ext. Static Pressure (Rated/Max) (inWg):	0/0	Sound Power Level (dBA):	

### FHQ18/24/30/36/42MVJU Unit (in.)



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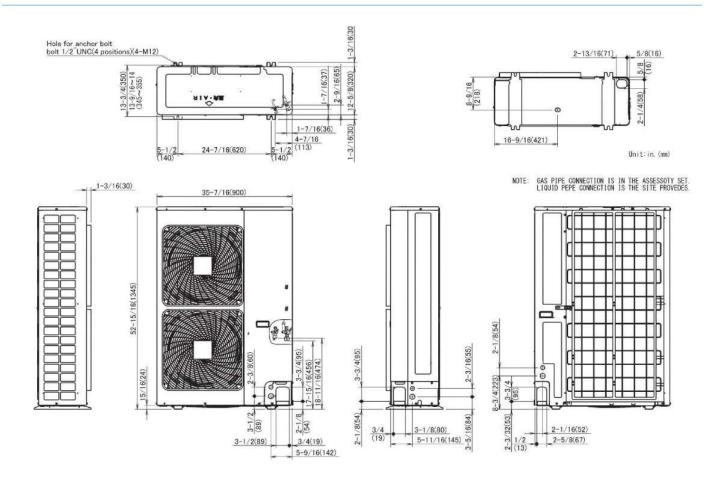
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2.5-Ton Ceiling Suspended Cooling Only FHQ30PVJURZR30TAVJU

OUTDOOR UNIT DETAILS				
Power Supply (V/Hz/Ph):	208-230 / 60 / 1	Compressor Stage:		
Power Supply Connections:	L1, L2, Ground	Capacity Control Range (%):	14 - 100	
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):	19	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			



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3.0-Ton Ceiling Suspended Cooling Only FHQ36MVJURZR36TAVJU

## **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 spaces, walls, and ceilings

## **INDOOR UNIT**



## **OUTDOOR UNIT**



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3.0-Ton Ceiling Suspended Cooling Only FHQ36MVJURZR36TAVJU

SYSTEM PERFORMANCE			
Indoor Unit Model No.	FHQ36MVJU	Indoor Unit Name:	Sky-Air Ceiling Suspended
Outdoor Unit Model No.	RZR36TAVJU	Outdoor Unit Name:	Sky-Air 3.0 Ton Cooling Only ODU
Rated Cooling Capacity (Btu/hr):	36,000	Rated Cooling Conditions:	Indoor (°F DB/WB): 80 / 67 Ambient (°F DB/WB): 95 / 75
Sensible Capacity (Btu/hr):	25,100	Rated Piping Length(ft):	25
Max/Min Cooling Capacity (Btu/hr):	1	Rated Height Difference (ft):	0.00
Cooling Input Power (kW):	3.760	Rated Heating Conditions:	Indoor (°F DB/WB): 70 / 60 Ambient (°F DB/WB): 47 / 43
SEER (Non-Ducted/Ducted):	14.00 /		
EER (Non-Ducted/Ducted):	9.50 /		

R-410A	Cooling Operation Range (°F DB):	23 - 122
7.9	Heating Operation Range (°F WB):	-
0.04	Max. Pipe Length (Vertical) (ft):	98
15	Cooling Range w/Baffle (°F DB):	0 - 122
230	Heating Range w/Baffle (°F WB):	-
0		
	7.9 0.04 15 230	7.9 Heating Operation Range (°F WB):  0.04 Max. Pipe Length (Vertical) (ft):  15 Cooling Range w/Baffle (°F DB):  230 Heating Range w/Baffle (°F WB):

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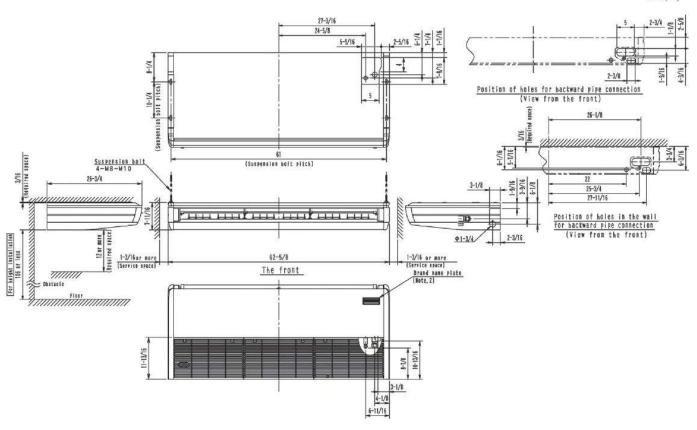
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3.0-Ton Ceiling Suspended Cooling Only FHQ36MVJURZR36TAVJU

INDOOR UNIT DETAILS			
Power Supply (V/Hz/Ph):	208-230 / 60 / 1	Airflow Rate (H/L) (CFM):	830/670
Power Supply Connections:	L1, L2, Ground	Moisture Removal (Gal/hr):	
Min. Circuit Amps MCA (A):	1.4	Gas Pipe Connection (inch):	5/8
Max Overcurrent Protection (MOP) (A):	15	Liquid Pipe Connection (inch):	3/8
Dimensions (HxWxD) (in):	7-11/16 x 62-5/8 x 26-3/4	Condensate Connection (inch):	1
Net Weight (lb):	90	Sound Pressure (H) (dBA):	46
Ext. Static Pressure (Rated/Max) (inWg):	0/0	Sound Power Level (dBA):	

### FHQ18/24/30/36/42MVJU Unit (in.)



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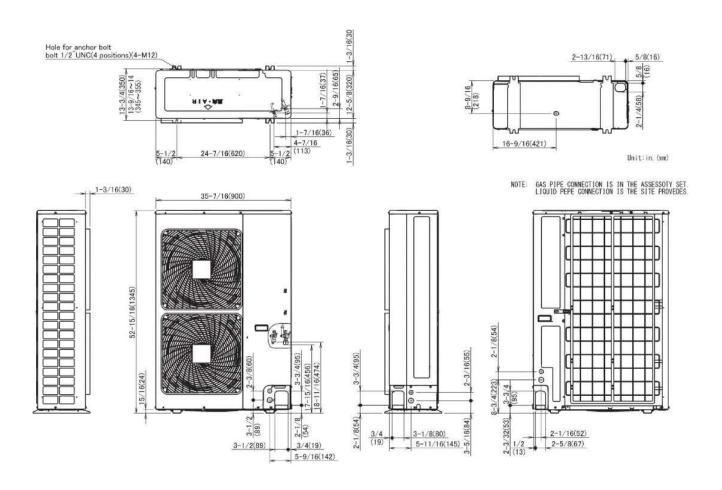
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3.0-Ton Ceiling Suspended Cooling Only FHQ36MVJURZR36TAVJU

OUTDOOR UNIT DETAILS					
Power Supply (V/Hz/Ph):	208-230 / 60 / 1	Compressor Stage:			
Power Supply Connections:	L1, L2, Ground	Capacity Control Range (%):	14 - 100		
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):	19	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				



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3.5-Ton Ceiling Suspended Cooling Only FHQ42MVJURZR42TAVJU

## **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 spaces, walls, and ceilings

## **INDOOR UNIT**



## **OUTDOOR UNIT**



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3.5-Ton Ceiling Suspended Cooling Only FHQ42MVJURZR42TAVJU

SYSTEM PERFORMANCE			
Indoor Unit Model No.	FHQ42MVJU	Indoor Unit Name:	Sky-Air Ceiling Suspended
Outdoor Unit Model No.	RZR42TAVJU	Outdoor Unit Name:	Sky-Air 3.5 Ton Cooling Only 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):	28,200	Rated Piping Length(ft):	25
Max/Min Cooling Capacity (Btu/hr):	1	Rated Height Difference (ft):	0.00
Cooling Input Power (kW):	4.470	Rated Heating Conditions:	Indoor (°F DB/WB): 70 / 60 Ambient (°F DB/WB): 47 / 43
SEER (Non-Ducted/Ducted):	14.00 /		
EER (Non-Ducted/Ducted):	8.80 /		
SYSTEM DETAILS			
Refrigerant Type:	R-410A	Cooling Operation Range (°F DB):	23 - 122
Holding Refrigerant Charge (lbs):	7.9	Heating Operation Range (°F WB):	0 - 77
Additional Charge (lb/ft):	0.04	Max. Pipe Length (Vertical) (ft):	98
Pre-charge Piping (Length) (ft):	15	Cooling Range w/Baffle (°F DB):	0 - 122
Max. Pipe Length (Total) (ft):	230	Heating Range w/Baffle (°F WB):	-
Max Height Separation (Ind to Ind ft):	0		

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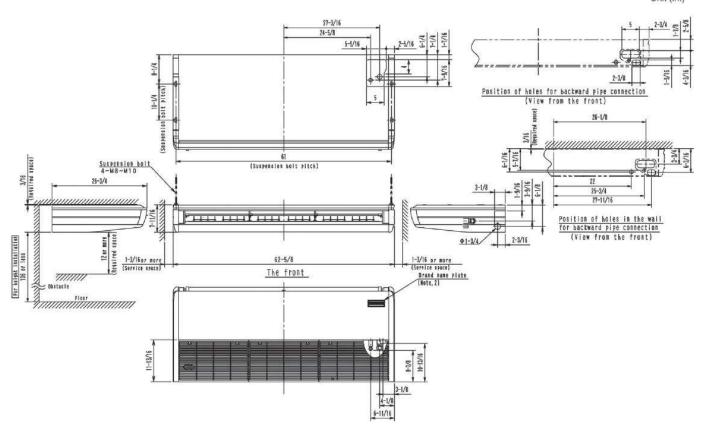
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3.5-Ton Ceiling Suspended Cooling Only FHQ42MVJURZR42TAVJU

INDOOR UNIT DETAILS			
Power Supply (V/Hz/Ph):	208-230 / 60 / 1	Airflow Rate (H/L) (CFM):	850/700
Power Supply Connections:	L1, L2, Ground	Moisture Removal (Gal/hr):	
Min. Circuit Amps MCA (A):	1.4	Gas Pipe Connection (inch):	5/8
Max Overcurrent Protection (MOP) (A):	15	Liquid Pipe Connection (inch):	3/8
Dimensions (HxWxD) (in):	7-11/16 x 62-5/8 x 26-3/4	Condensate Connection (inch):	1
Net Weight (lb):	90	Sound Pressure (H) (dBA):	47
Ext. Static Pressure (Rated/Max) (inWg):	0/0	Sound Power Level (dBA):	

#### FHQ18/24/30/36/42MVJU Unit (in.)



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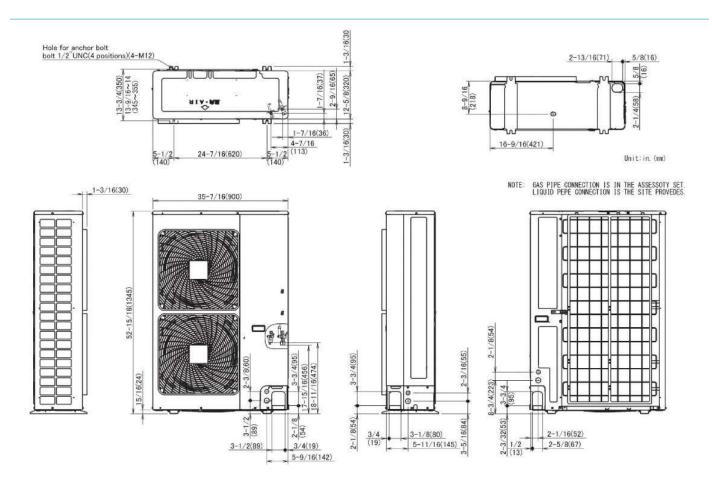
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3.5-Ton Ceiling Suspended Cooling Only FHQ42MVJURZR42TAVJU

OUTDOOR UNIT DETAILS				
Power Supply (V/Hz/Ph):	208-230 / 60 / 1	Compressor Stage:		
Power Supply Connections:	L1, L2, Ground	Capacity Control Range (%):	14 - 100	
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):	19	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			



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1.5-Ton Multi-Position Air Handler Cooling Only FTQ18TAVJUDRZR18TAVJU

## **FEATURES**

- Designed for zero clearance on three sides and only 24" clearance on the front for service
- Horizontal left, Horizontal right, Upflow & Downflow installation configurations

#### **INDOOR UNIT**



## **OUTDOOR UNIT**



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1.5-Ton Multi-Position Air Handler Cooling Only FTQ18TAVJUDRZR18TAVJU

SYSTEM PERFORMANCE			
Indoor Unit Model No.	FTQ18TAVJUD	Indoor Unit Name:	air handler
Outdoor Unit Model No.	RZR18TAVJU	Outdoor Unit Name:	Sky-Air Cooling Only ODU
Rated Cooling Capacity (Btu/hr):	18,000	Rated Cooling Conditions:	Indoor (°F DB/WB): 80 / 67 Ambient (°F DB/WB): 95 / 75
Sensible Capacity (Btu/hr):	16,100	Rated Piping Length(ft):	25
Max/Min Cooling Capacity (Btu/hr):	1	Rated Height Difference (ft):	0.00
Cooling Input Power (kW):			
SEER (Non-Ducted/Ducted):	/ 15.50		
EER (Non-Ducted/Ducted):	/ 12.50		
Heating Input Power (kW):	0.22		
SYSTEM DETAILS			
Refrigerant Type:	R-410A	Cooling Operation Range (°F DB):	23 - 122
Holding Refrigerant Charge (lbs):	6.4	Heating Operation Range (°F WB):	-
Additional Charge (lb/ft):	0.04	Max. Pipe Length (Vertical) (ft):	98
Pre-charge Piping (Length) (ft):	15	Cooling Range w/Baffle (°F DB):	0 - 122
Max. Pipe Length (Total) (ft):	164	Heating Range w/Baffle (°F WB):	-
Max Height Separation (Ind to Ind ft):	0		

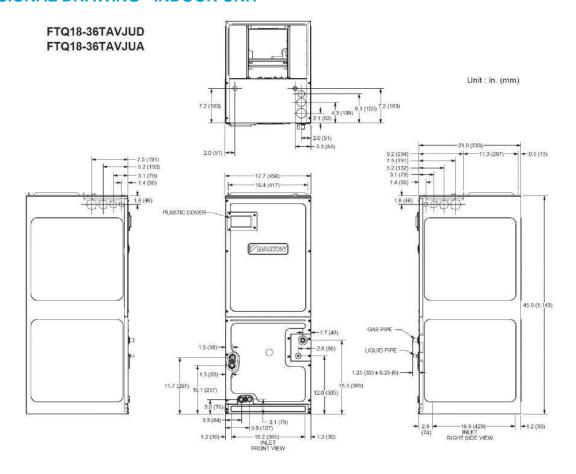
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1.5-Ton Multi-Position Air Handler Cooling Only FTQ18TAVJUDRZR18TAVJU

INDOOR UNIT DETAILS			
Power Supply (V/Hz/Ph):	208/230 / 60 / 1	Airflow Rate (H) (CFM):	600
Power Supply Connections:	L1, L2, Ground	Moisture Removal (Gal/hr):	
Min. Circuit Amps MCA (A):	4.9	Gas Pipe Connection (inch):	5/8
Max Overcurrent Protection (MOP) (A):	15	Liquid Pipe Connection (inch):	3/8
Dimensions (HxWxD) (in):	45 x 17.5 x 21	Condensate Connection (inch):	3/4
Net Weight (lb):	115	Sound Pressure Ø (dBA):	53/50/47
Ext. Static Pressure (Rated/Max) (inWg):	/ 0.9	Sound Power Level (dBA):	

# **DIMENSIONAL DRAWING - INDOOR UNIT**



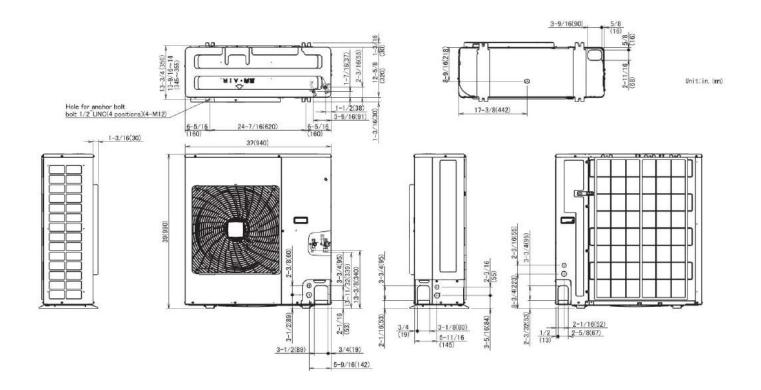


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1.5-Ton Multi-Position Air Handler Cooling Only FTQ18TAVJUDRZR18TAVJU

OUTDOOR UNIT DETAILS			
Power Supply (V/Hz/Ph):	208-230 / 60 / 1	Compressor Stage:	
Power Supply Connections:	L1, L2, Ground	Capacity Control Range (%):	14 - 100
Min. Circuit Amps MCA (A):	16.5	Airflow Rate (H) (CFM):	2682
Max Overcurrent Protection (MOP) (A):	25	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):	39 x 37 x 12-5/8	Sound Power Level (dBA):	
Net Weight (lb):	172		

# **DIMENSIONAL DRAWING - OUTDOOR UNIT**



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2.0-Ton Multi-Position Air Handler Cooling Only FTQ24TAVJDURZR24TAVJU

## **FEATURES**

- Designed for zero clearance on three sides and only 24" clearance on the front for service
- Horizontal left, Horizontal right, Upflow & Downflow installation configurations

#### **INDOOR UNIT**



## **OUTDOOR UNIT**



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2.0-Ton Multi-Position Air Handler Cooling Only FTQ24TAVJDURZR24TAVJU

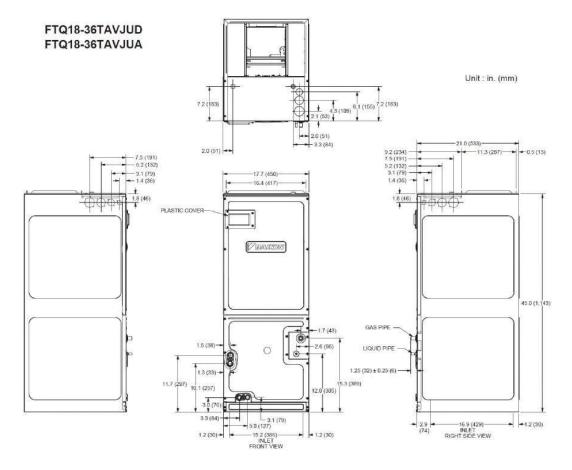
Indoor Unit Model No.	FTQ24TAVJUD	Indoor Unit Name:	air handler
Outdoor Unit Model No.	RZR24TAVJU	Outdoor Unit Name:	Sky-Air 2.0 Ton Cooling Only ODU
Rated Cooling Capacity (Btu/hr):	24,000	Rated Cooling Conditions:	Indoor (°F DB/WB): 80 / 67 Ambient (°F DB/WB): 95 / 75
Sensible Capacity (Btu/hr):	19,900	Rated Piping Length(ft):	25
Max/Min Cooling Capacity (Btu/hr):	1	Rated Height Difference (ft):	0.00
Cooling Input Power (kW):			
SEER (Non-Ducted/Ducted):	/ 15.20		
EER (Non-Ducted/Ducted):	/ 10.30		
Heating Input Power (kW):	0.27		
SYSTEM DETAILS			
Refrigerant Type:	R-410A	Cooling Operation Range (°F DB):	23 - 122
Holding Refrigerant Charge (lbs):	6.4	Heating Operation Range (°F WB):	-
Additional Charge (lb/ft):	0.04	Max. Pipe Length (Vertical) (ft):	98
Pre-charge Piping (Length) (ft):	15	Cooling Range w/Baffle (°F DB):	0 - 122
Max. Pipe Length (Total) (ft):	164	Heating Range w/Baffle (°F WB):	-
Max Height Separation (Ind to Ind ft):	0		



2.0-Ton Multi-Position Air Handler Cooling Only FTQ24TAVJDURZR24TAVJU

INDOOR UNIT DETAILS			
Power Supply (V/Hz/Ph):	208/230 / 60 / 1	Airflow Rate (H) (CFM):	800
Power Supply Connections:	L1, L2, Ground	Moisture Removal (Gal/hr):	
Min. Circuit Amps MCA (A):	4.9	Gas Pipe Connection (inch):	5/8
Max Overcurrent Protection (MOP) (A):	15	Liquid Pipe Connection (inch):	3/8
Dimensions (HxWxD) (in):	45 x 17.5 x 21	Condensate Connection (inch):	3/4
Net Weight (lb):	115	Sound Pressure (H/M/L) (dBA):	45 / 41 / 38
Ext. Static Pressure (Rated/Max) (inWg):	/ 0.9	Sound Power Level (dBA):	

# **DIMENSIONAL DRAWING - INDOOR UNIT**



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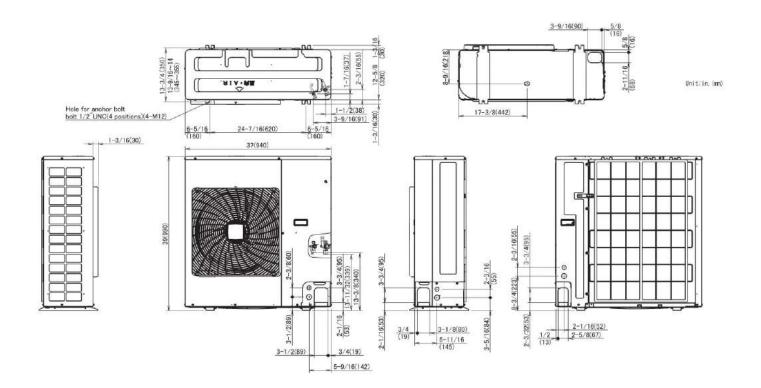


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2.0-Ton Multi-Position Air Handler Cooling Only FTQ24TAVJDURZR24TAVJU

OUTDOOR UNIT DETAILS			
Power Supply (V/Hz/Ph):	208-230 / 60 / 1	Compressor Stage:	
Power Supply Connections:	L1, L2, Ground	Capacity Control Range (%):	14 - 100
Min. Circuit Amps MCA (A):	16.5	Airflow Rate (H) (CFM):	2682
Max Overcurrent Protection (MOP) (A):	25	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):	39 x 37 x 12-5/8	Sound Power Level (dBA):	
Net Weight (lb):	172		

# **DIMENSIONAL DRAWING - OUTDOOR UNIT**



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2.5-Ton Multi-Position Air Handler Cooling Only FTQ30TAVJUDRZR30TAVJU

## **FEATURES**

- Designed for zero clearance on three sides and only 24" clearance on the front for service
- Horizontal left, Horizontal right, Upflow & Downflow installation configurations

#### **INDOOR UNIT**



## **OUTDOOR UNIT**



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2.5-Ton Multi-Position Air Handler Cooling Only FTQ30TAVJUDRZR30TAVJU

Indoor Unit Model No.	FTQ30TAVJUD	Indoor Unit Name:	air handler
Outdoor Unit Model No.	RZR30TAVJU	Outdoor Unit Name:	Sky-Air 2.5 Ton Cooling Only 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):	22,300	Rated Piping Length(ft):	25
Max/Min Cooling Capacity (Btu/hr):	1	Rated Height Difference (ft):	0.00
Cooling Input Power (kW):			
SEER (Non-Ducted/Ducted):	/ 16.00		
EER (Non-Ducted/Ducted):	/ 12.50		
Heating Input Power (kW):	0.41		
SYSTEM DETAILS			
Refrigerant Type:	R-410A	Cooling Operation Range (°F DB):	23 - 122
Holding Refrigerant Charge (lbs):	7.9	Heating Operation Range (°F WB):	-
Additional Charge (lb/ft):	0.04	Max. Pipe Length (Vertical) (ft):	98
Pre-charge Piping (Length) (ft):	15	Cooling Range w/Baffle (°F DB):	0 - 122
Max. Pipe Length (Total) (ft):	230	Heating Range w/Baffle (°F WB):	-
Max Height Separation (Ind to Ind ft):	0		

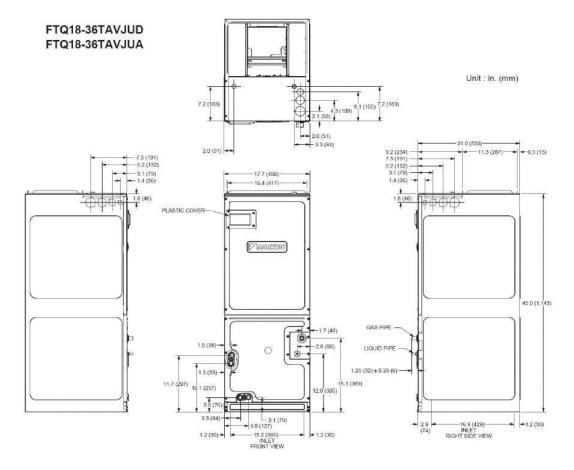
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2.5-Ton Multi-Position Air Handler Cooling Only FTQ30TAVJUDRZR30TAVJU

INDOOR UNIT DETAILS			
Power Supply (V/Hz/Ph):	208/230 / 60 / 1	Airflow Rate (H) (CFM):	1000
Power Supply Connections:	L1, L2, Ground	Moisture Removal (Gal/hr):	
Min. Circuit Amps MCA (A):	4.9	Gas Pipe Connection (inch):	5/8
Max Overcurrent Protection (MOP) (A):	15	Liquid Pipe Connection (inch):	3/8
Dimensions (HxWxD) (in):	45 x 17.5 x 21	Condensate Connection (inch):	3/4
Net Weight (lb):	115	Sound Pressure (H/M/L) (dBA):	52 / 48 / 44
Ext. Static Pressure (Rated/Max) (inWg):	/ 0.9	Sound Power Level (dBA):	

## **DIMENSIONAL DRAWING - INDOOR UNIT**

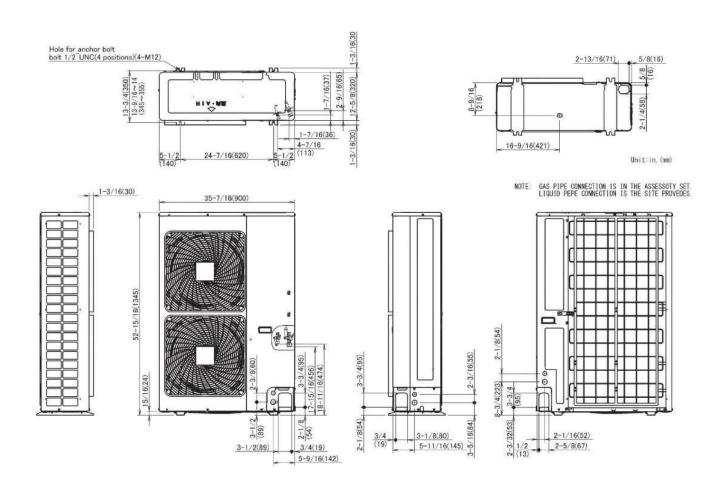


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2.5-Ton Multi-Position Air Handler Cooling Only FTQ30TAVJUDRZR30TAVJU

OUTDOOR UNIT DETAILS			
Power Supply (V/Hz/Ph):	208-230 / 60 / 1	Compressor Stage:	
Power Supply Connections:	L1, L2, Ground	Capacity Control Range (%):	14 - 100
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):	19	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		



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3.0-Ton Multi-Position Air Handler Cooling Only FTQ36TAVJUDRZR36TAVJU

## **FEATURES**

- Designed for zero clearance on three sides and only 24" clearance on the front for service
- Horizontal left, Horizontal rights, Upflow & Downflow installation configurations

#### **INDOOR UNIT**



#### **OUTDOOR UNIT**



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3.0-Ton Multi-Position Air Handler Cooling Only FTQ36TAVJUDRZR36TAVJU

SYSTEM PERFORMANCE			
Indoor Unit Model No.	FTQ36TAVJUD	Indoor Unit Name:	air handler
Outdoor Unit Model No.	RZR36TAVJU	Outdoor Unit Name:	Sky-Air 3.0 Ton Cooling Only ODU
Rated Cooling Capacity (Btu/hr):	36,000	Rated Cooling Conditions:	Indoor (°F DB/WB): 80 / 67 Ambient (°F DB/WB): 95 / 75
Sensible Capacity (Btu/hr):	28,300	Rated Piping Length(ft):	25
Max/Min Cooling Capacity (Btu/hr):	1	Rated Height Difference (ft):	0.00
Cooling Input Power (kW):			
SEER (Non-Ducted/Ducted):	/ 15.30		
EER (Non-Ducted/Ducted):	/ 11.30		
Heating Input Power (kW):	0.44		
SYSTEM DETAILS			
Refrigerant Type:	R-410A	Cooling Operation Range (°F DB):	23 - 122
Holding Refrigerant Charge (lbs):	7.9	Heating Operation Range (°F WB):	-
Additional Charge (lb/ft):	0.04	Max. Pipe Length (Vertical) (ft):	98
Pre-charge Piping (Length) (ft):	15	Cooling Range w/Baffle (°F DB):	-
Max. Pipe Length (Total) (ft):	230	Heating Range w/Baffle (°F WB):	-
Max Height Separation (Ind to Ind ft):	0		

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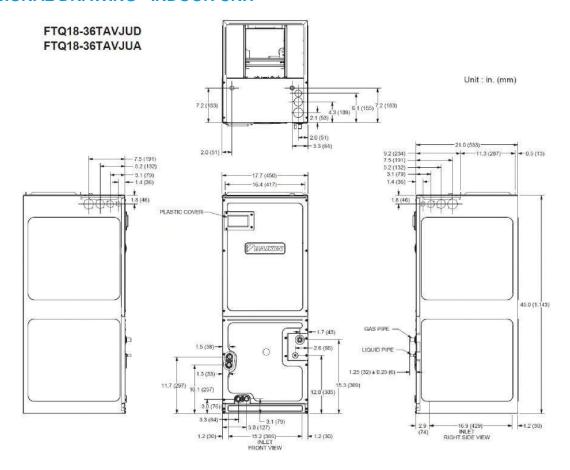
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3.0-Ton Multi-Position Air Handler Cooling Only FTQ36TAVJUDRZR36TAVJU

INDOOR UNIT DETAILS			
Power Supply (V/Hz/Ph):	208/230 / 60 / 1	Airflow Rate (H) (CFM):	1050
Power Supply Connections:	L1, L2, Ground	Moisture Removal (Gal/hr):	
Min. Circuit Amps MCA (A):	4.9	Gas Pipe Connection (inch):	5/8
Max Overcurrent Protection (MOP) (A):	15	Liquid Pipe Connection (inch):	3/8
Dimensions (HxWxD) (in):	45 x 17.5 x 21	Condensate Connection (inch):	3/4
Net Weight (lb):	140	Sound Pressure (H/M/L) (dBA):	52 / 48 / 44
Ext. Static Pressure (Rated/Max) (inWg):	/ 0.9	Sound Power Level (dBA):	

# **DIMENSIONAL DRAWING - INDOOR UNIT**



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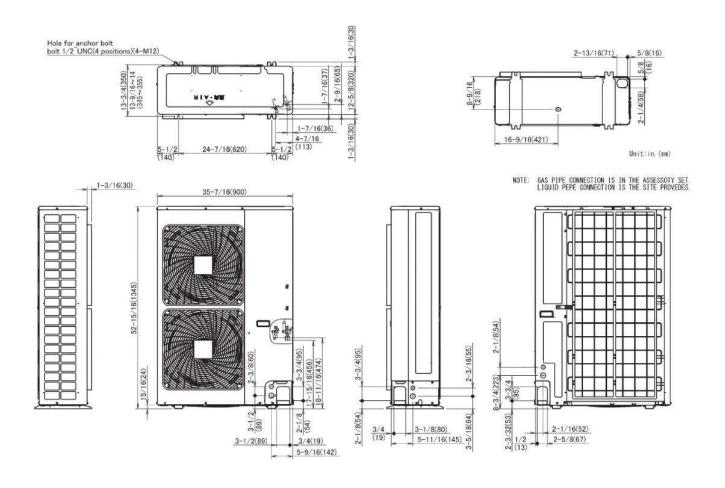
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3.0-Ton Multi-Position Air Handler Cooling Only FTQ36TAVJUDRZR36TAVJU

OUTDOOR UNIT DETAILS			
Power Supply (V/Hz/Ph):	208-230 / 60 / 1	Compressor Stage:	
Power Supply Connections:	L1, L2, Ground	Capacity Control Range (%):	14 - 100
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):	19	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		



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3.5-Ton Multi-Position Air Handler Cooling Only FTQ42TAVJUDRZR42TAVJU

## **FEATURES**

- Designed for zero clearance on three sides and only 24" clearance on the front for service
- Horizontal left, Horizontal right, Upflow & Downflow installation configurations

#### **INDOOR UNIT**



## **OUTDOOR UNIT**



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3.5-Ton Multi-Position Air Handler Cooling Only FTQ42TAVJUDRZR42TAVJU

ndoor Unit Model No.	FTQ42TAVJUD	Indoor Unit Name:	air handler
Outdoor Unit Model No.	RZR42TAVJU	Outdoor Unit Name:	Sky-Air 3.5 Ton Cooling Only ODU
Rated Cooling Capacity (Btu/hr):	42,000	Rated Cooling Conditions:	Indoor (°F DB/WB): 80 / 67 Ambient (°F DB/WB): 95 / 75
Sensible Capacity (Btu/hr):	30,600	Rated Piping Length(ft):	25
Max/Min Cooling Capacity (Btu/hr):	1	Rated Height Difference (ft):	0.00
Cooling Input Power (kW):			
SEER (Non-Ducted/Ducted):	/ 16.00		
EER (Non-Ducted/Ducted):	/ 11.00		
Heating Input Power (kW):	0.47		

SYSTEM DETAILS			
Refrigerant Type:	R-410A	Cooling Operation Range (°F DB):	23 - 122
Holding Refrigerant Charge (lbs):	7.9	Heating Operation Range (°F WB):	-
Additional Charge (lb/ft):	0.04	Max. Pipe Length (Vertical) (ft):	98
Pre-charge Piping (Length) (ft):	15	Cooling Range w/Baffle (°F DB):	0 - 122
Max. Pipe Length (Total) (ft):	230	Heating Range w/Baffle (°F WB):	-
Max Height Separation (Ind to Ind ft):	0		

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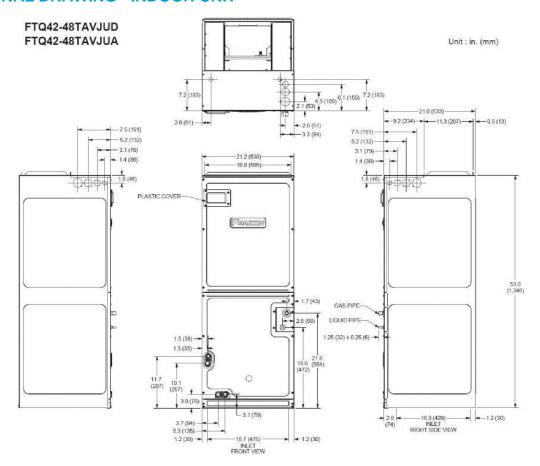
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3.5-Ton Multi-Position Air Handler Cooling Only FTQ42TAVJUDRZR42TAVJU

INDOOR UNIT DETAILS			
Power Supply (V/Hz/Ph):	208/230 / 60 / 1	Airflow Rate (H) (CFM):	1400
Power Supply Connections:	L1, L2, Ground	Moisture Removal (Gal/hr):	
Min. Circuit Amps MCA (A):	6.5	Gas Pipe Connection (inch):	5/8
Max Overcurrent Protection (MOP) (A):	15	Liquid Pipe Connection (inch):	3/8
Dimensions (HxWxD) (in):	53.43 x 21 x 21	Condensate Connection (inch):	3/4
Net Weight (lb):	150	Sound Pressure (H/M/L) (dBA):	54 / 50 / 46
Ext. Static Pressure (Rated/Max) (inWg):	/ 0.9	Sound Power Level (dBA):	

# **DIMENSIONAL DRAWING - INDOOR UNIT**



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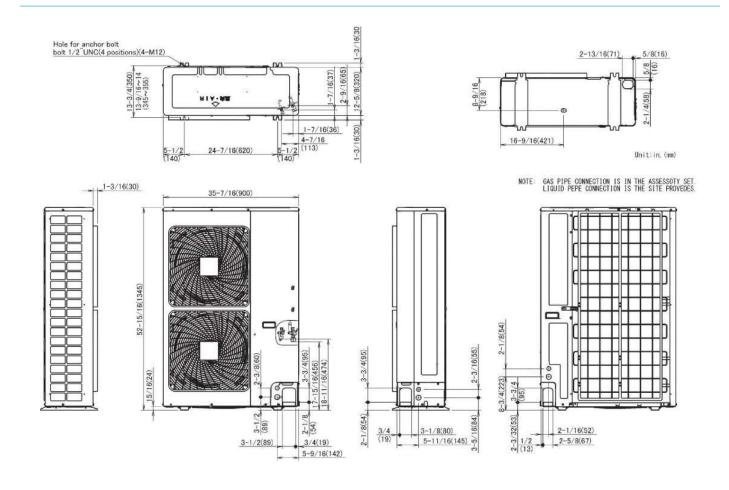
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3.5-Ton Multi-Position Air Handler Cooling Only FTQ42TAVJUDRZR42TAVJU

OUTDOOR UNIT DETAILS			
Power Supply (V/Hz/Ph):	208-230 / 60 / 1	Compressor Stage:	
Power Supply Connections:	L1, L2, Ground	Capacity Control Range (%):	14 - 100
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):	19	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		



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4.0-Ton Multi-Position Air Handler Cooling Only FTQ48TAVJUDRZR48TAVJU

## **FEATURES**

- Designed for zero clearance on three sides and only 24" clearance on the front for space
- Horizontal left, Horizontal right, Upflow and Downflow installation configurations

#### **INDOOR UNIT**



## **OUTDOOR UNIT**



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4.0-Ton Multi-Position Air Handler Cooling Only FTQ48TAVJUDRZR48TAVJU

SYSTEM PERFORMANCE			
Indoor Unit Model No.	FTQ48TAVJUD	Indoor Unit Name:	air handler
Outdoor Unit Model No.	RZR48TAVJU	Outdoor Unit Name:	Sky-Air 4.0 Ton Cooling Only ODU
Rated Cooling Capacity (Btu/hr):	48,000	Rated Cooling Conditions:	Indoor (°F DB/WB): 80 / 67 Ambient (°F DB/WB): 95 / 75
Sensible Capacity (Btu/hr):	35,000	Rated Piping Length(ft):	25
Max/Min Cooling Capacity (Btu/hr):	1	Rated Height Difference (ft):	0.00
Cooling Input Power (kW):			
SEER (Non-Ducted/Ducted):	/ 14.80		
EER (Non-Ducted/Ducted):	/ 9.50		
Heating Input Power (kW):	0.52		
SYSTEM DETAILS			
Refrigerant Type:	R-410A	Cooling Operation Range (°F DB):	23 - 122
Holding Refrigerant Charge (lbs):	7.9	Heating Operation Range (°F WB):	•
Additional Charge (lb/ft):	0.04	Max. Pipe Length (Vertical) (ft):	98
Pre-charge Piping (Length) (ft):	15	Cooling Range w/Baffle (°F DB):	0 - 122
Max. Pipe Length (Total) (ft):	230	Heating Range w/Baffle (°F WB):	-
Max Height Separation (Ind to Ind ft):	0		

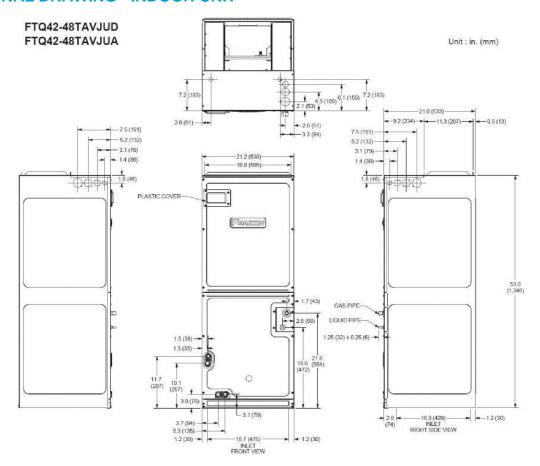
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4.0-Ton Multi-Position Air Handler Cooling Only FTQ48TAVJUDRZR48TAVJU

INDOOR UNIT DETAILS			
Power Supply (V/Hz/Ph):	208/230 / 60 / 1	Airflow Rate (H) (CFM):	1520
Power Supply Connections:	L1, L2, Ground	Moisture Removal (Gal/hr):	
Min. Circuit Amps MCA (A):	6.5	Gas Pipe Connection (inch):	5/8
Max Overcurrent Protection (MOP) (A):	15	Liquid Pipe Connection (inch):	3/8
Dimensions (HxWxD) (in):	53.43 x 21 x 21	Condensate Connection (inch):	3/4
Net Weight (lb):	150	Sound Pressure (H/M/L) (dBA):	54 / 50 / 46
Ext. Static Pressure (Rated/Max) (inWg):	/ 0.9	Sound Power Level (dBA):	

# **DIMENSIONAL DRAWING - INDOOR UNIT**



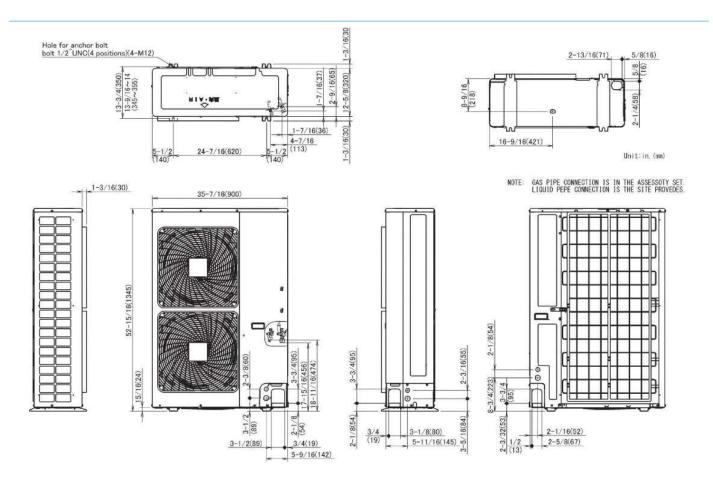
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4.0-Ton Multi-Position Air Handler Cooling Only FTQ48TAVJUDRZR48TAVJU

OUTDOOR UNIT DETAILS			
Power Supply (V/Hz/Ph):	208-230 / 60 / 1	Compressor Stage:	
Power Supply Connections:	L1, L2, Ground	Capacity Control Range (%):	14 - 100
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):	19	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		



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