5JMM4A-SUB-1A

TAG: _____

SUBMITTAL

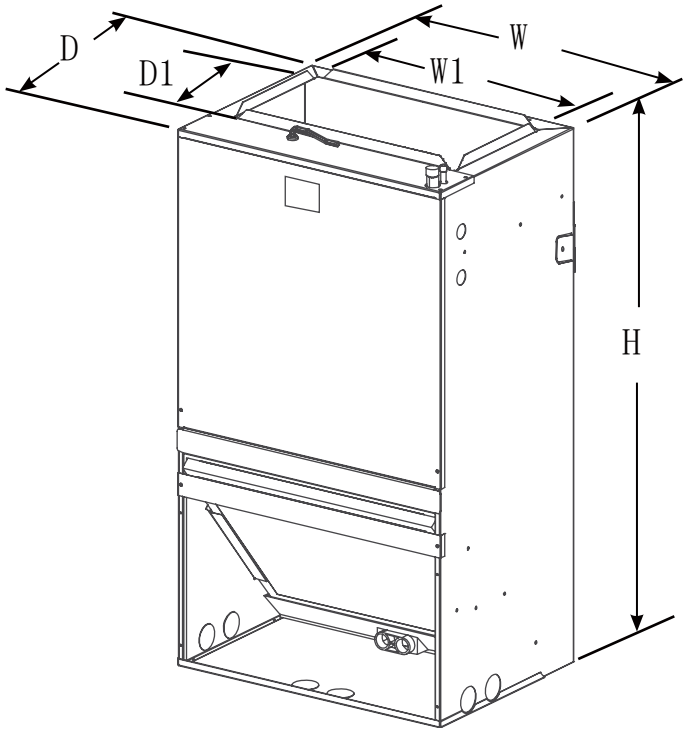
Wall-Mount PSC Air Handler

2 – 3 Ton

5JMM4A0A24S21SA

5JMM4A0B30S21SA

5JMM4A0B36S31SA



Dimensional and Clearance Data

MINIMUM UNIT CLEARANCE TABLE		
	TO COMBUSTIBLE MATERIAL (REQUIRED)	SERVICE CLEARANCE (RECOMMENDED)
SIDES	0"	0"
FRONT	0"	24"
BACK	0"	0"
INLET DUCT	0"	0"
OUTLET DUCT	0"*	
*0" FOR THE FIRST 3 FT. OF OUTLET DUCT WHEN ELECTRIC HEATERS ARE INSTALLED		

PRODUCT DIMENSIONS inch								Unit weight/ Shipping Weight LBS
Model	Height	Width	Width	Depth	Depth	Flow Control	Gas Line Braze	
	H	W	W1	D	D1			
5JMM4A0A24S21SA	36-1/2	20-1/2	17-2/5	15	9-1/2	Orifice	3/4"	101/88
5JMM4A0B30S21SA	39-1/2	22	18-3/4	19	9-1/2	Orifice	3/4"	128/110
5JMM4A0B36S31SA	39-1/2	22	18-3/4	19	9-1/2	Orifice	3/4"	128/110

PRODUCT SPECIFICATIONS

MODEL	5JMM4A0A24S21SA	5JMM4A0B30S21SA	5JMM4A0B36S31SA
RATED VOLTS/PH/HZ.	208/230V/1Ph/60Hz	208/230V/1Ph/60Hz	208/230V/1Ph/60Hz
RATINGS	See O.D. Specifications	See O.D. Specifications	See O.D. Specifications
MINIMUM CIRCUIT AMPACITY	1.63	2.75	2.75
MAX FUSE OR MAX CKT.BKR.	15A	15A	15A
INDOOR COIL — Type	Plate Fin	Plate Fin	Plate Fin
Rows — F.P.I.	5-11	5-14	5-14
Face Area (sq. ft.)	2.20	3.00	3.00
Tube Size (in.)	9/32	9/32	9/32
Refrigerant Control	Orifice	Orifice	Orifice
Drain Conn Size (in.)	3/4 FPT	3/4 FPT	3/4 FPT
DUCT CONNECTIONS	See Outline Drawing	See Outline Drawing	See Outline Drawing
INDOOR FAN — Type	Centrifugal	Centrifugal	Centrifugal
MOTOR— Type	PSC	PSC	PSC
Diameter-Width (In.)	10 - 6	10 - 9	10 - 9
No. Used	1	1	1
Drive - No Speeds	Direct - 3	Direct - 3	Direct - 3
CFM vs. in. w.g.	See Fan Performance Table	See Fan Performance Table	See Fan Performance Table
No. Motors — H.P.	1 - 1/5	1 - 1/3	1 - 1/3
Motor Speed R.P.M.	1075	1075	1075
Volts/Ph/Hz	208/230V/1Ph/60Hz	208/230V/1Ph/60Hz	208/230V/1Ph/60Hz
F.L. Amps	1.3	2.2	2.2
FILTER			
Filter Furnished?	No	No	No
Type Recommended	Throwaway	Throwaway	Throwaway
No.-Size-Thickness	1 - 16x20 - 1 in.	1 - 16x20 - 1 in.	1 - 16x20 - 1 in.
REFRIGERANT	R454B	R454B	R454B
Ref. Line Connections	Brazed	Brazed	Brazed
Coupling or Conn. Size-in. GAS	3/4	3/4	3/4
Coupling or Conn. Size-in. Liq.	3/8	3/8	3/8
DIMENSIONS	W x H x D	W x H x D	W x H x D
Crated (In.)	22-13/16× 41-3/4× 17-3/16	24-3/16× 44-7/8× 21-1/4	24-3/16× 44-7/8× 21-1/4
Uncrated	20-1/2× 36-1/2×15	22× 39-1/2×19	22× 39-1/2×19
RATED SOUND POWER LEVEL(dB)	65	63	66
WEIGHT			
Shipping (Lbs.)/ Net (Lbs.)	106/93	128/110	128/110

Optional TXV kit part numbers. Some combinations may require a TXV. See AHRI for system combination ratings.

Outdoor Unit Capacity (Tons)	R454B TXV Kit
1.5-3.0	5AYTXVH3A1836A

Performance and Electrical Data – 5JMM4A0A24–B36

AIR FLOW PERFORMANCE (Standard CFM)

Ton	BLOWER SPEEDS	EXTERNAL STATIC PRESSURE (in.w.c.)								
		0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
2	Low	665	629	589	547	508	480	-	-	-
	Med	831	786	741	696	655	609	559	497	-
	High-Factory	932	881	833	786	742	689	636	574	515
2-1/2	Low	988	948	900	862	816	772	719	642	613
	Med-Factory	1197	1152	1097	1046	998	940	886	821	737
	High	1338	1284	1220	1159	1096	1029	960	879	792
3	Low	1118	1072	1018	971	920	876	819	759	693
	Med	1262	1213	1160	1098	1049	998	937	871	804
	High-Factory	1360	1311	1263	1229	1166	1074	1005	934	867

NOTES:

1. Shaded boxes represent airflow outside the required 300-450 cfm/ton.
2. Airflow based upon dry coil at 230V with no electric heat, no filter.

5JMM4A0A24S21SA - ELECTRICAL DATA						
Heater Model No	No. of Circuits/ Phases	Electric Heat(kW)	Min. Circuit Ampacity		Max. Fuse or Breaker (HACR)Ampacity	
			240V	208V	240V	208V
5JAYHTR1J05BK*	1/1	5	24.2	27.7	30	30
5JAYHTR1J08BK*	1/1	7.5	35.5	40.7	50	50
5JAYHTR1J10BK*	1/1	10	46.8	53.8	60	60

5JMM4A0B30S21SA - ELECTRICAL DATA						
Heater Model No	No. of Circuits/ Phases	Electric Heat(kW)	Min. Circuit Ampacity		Max. Fuse or Breaker (HACR)Ampacity	
			240V	208V	240V	208V
5JAYHTR1J05BK*	1/1	5	25.4	28.8	30	30
5JAYHTR1J08BK*	1/1	7.5	36.7	41.9	50	50
5JAYHTR1J10BK*	1/1	10	47.9	54.9	60	60

5JMM4A0B36S31SA - ELECTRICAL DATA						
Heater Model No	No. of Circuits/ Phases	Electric Heat(kW)	Min. Circuit Ampacity		Max. Fuse or Breaker (HACR)Ampacity	
			240V	208V	240V	208V
5JAYHTR1J05BK*	1/1	5	25.4	28.8	30	30
5JAYHTR1J08BK*	1/1	7.5	36.7	41.9	50	50
5JAYHTR1J10BK*	1/1	10	47.9	54.9	60	60

Mechanical Specifications

STANDARD FEATURES

- Front or bottom return air
- Painted finish on galvanized steel
- Sturdy polycarbonate drain pans
  - The 5JMM4 wall mount air handler a has factory installeddrain pan and is shipped for upflow applications only.
- 208/230 - VAC operation
- Multi-speed direct drive blower
  - PSC motor
- Stud or wall mounting tabs
- Fully insulated cabinet
- 3/4" FPT primary and secondary drains
- Factory installed orifice
- **All - aluminum tubes & fins**

OPTIONAL ACCESSORIES

- 5, 7.5 and 10 kW single phase electric heaters
  - Circuit breakers are standard on all single phase 5, 7.5 and 10 kW heaters.
- R-454B TXV kit - 5AYTXVH3A1836A
- Front louver panel 20.5" width - BAYFRTLOUPNL20 (1-Pack)
- Front louver panel 22" width - BAYFRTLOUPNL22 (1-Pack)
- Return air / service wall panel - BAYTMMWALLPNL1 (20-Pack)
- Return air / service wall panel - BAYTMMWALLPNLS (1-Pack)

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The Manufacturer has a policy of continuous product and product data improvement and reserves the right to change design and specifications without notice.