



Submittal Data Sheet

8T Large Cap HSP Ducted R-32

FXMA96AAVJU

FEATURES

- High capacity VRV applications are possible with 72 and 96 MBh capacities
- Engineered for a wide range of static capability from 0.2-1.0" ESP
- Simple design for 3rd party economizer integration
- Easy-access service panels for drain pan inspection and maintenance
- Code compliance with built-in RDS for detection of R-32 refrigerant
- Factory installed integrated refrigerant leak sensor
- Dispersion mode enables high airflow rates for leak mitigation
- Output to external devices such as ventilation, dampers, alarms and monitoring systems
- Same space saving and compact designs as their respective current R-410A products





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PERFORMANCE

Indoor Unit Model No.	FXMA96AAVJU	Indoor Unit Name:	8T Large Cap HSP Ducted R-32
Type:	Concealed Ducted	Rated Cooling Conditions:	Indoor (°F DB/WB): 80 / 67 Ambient (°F DB/WB): 95 /
Rated Cooling Capacity (Btu/hr):	96,000	Rated Heating Conditions:	Indoor (°F DB/WB): 70 / Ambient (°F DB/WB): 47 /
Sensible Capacity (Btu/hr):	66,900		
Rated Heating Capacity (Btu/hr):	108,000		

INDOOR UNIT DETAILS

Power Supply (V/Hz/Ph):	208/230 / 60 / 1	Airflow Rate (H/M/L) (CFM):	2,965/2,506/1,838
Power Supply Connections:	L1, L2, G		
Min. Circuit Amps MCA (A):	6.8	Gas Pipe Connection (inch):	7/8
Max Overcurrent Protection (MOP) (A):	15	Liquid Pipe Connection (inch):	3/8
Dimensions (HxWxD) (in):	18-1/2 x 58-11/16 x 43-5/16	Condensate Connection (inch):	1
Ext. Static Pressure (Rated/Max) (inWg):	0.6 /	Sound Pressure (H/M/L) (dBA):	49/45/39
Net Weight (lb):	254	Sound Power Level (dBA):	77



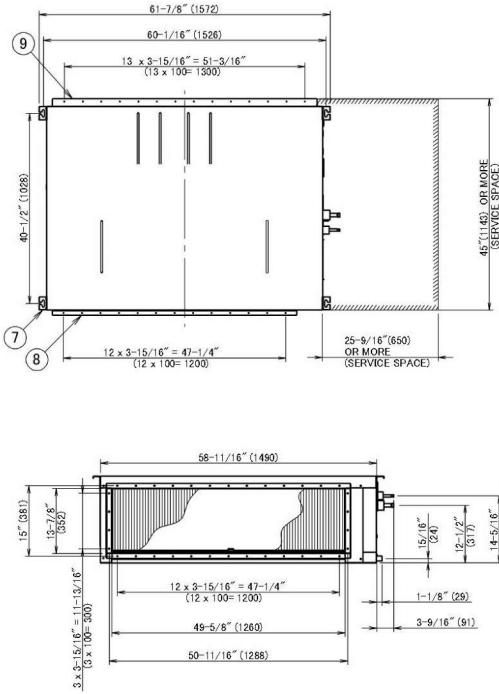
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DIMENSIONAL DRAWING

UNIT: Inch (mm)

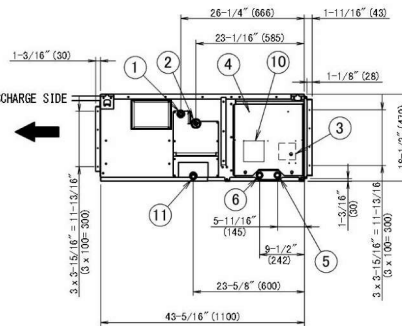
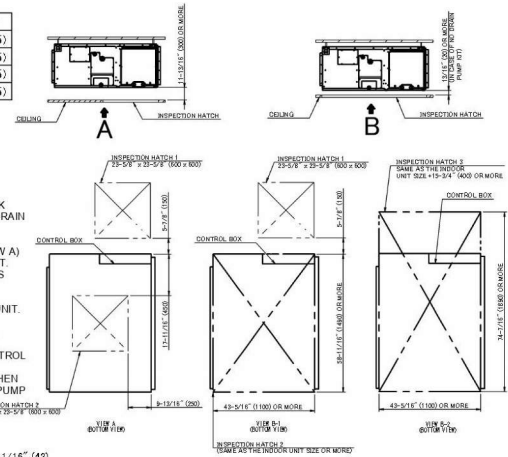


PIPING SIZE (FIELD SUPPLY)

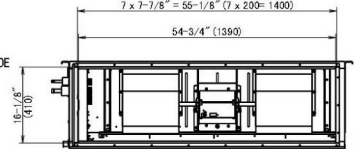
INDOOR UNIT	GAS S/D	LIQUID S/D
FXMQ7?TAVJU	Ø 3/4" (Ø 19.1)	Ø 3/8" (Ø 9.5)
FXMQ96TAVJU	Ø 7/8" (Ø 22.2)	Ø 3/8" (Ø 9.5)
FXMA7?AAVJU	Ø 3/4" (Ø 19.1)	Ø 3/8" (Ø 9.5)
FXMA96AAVJU	Ø 7/8" (Ø 22.2)	Ø 3/8" (Ø 9.5)

NOTE:

- 1) LOCATION OF UNIT'S MANUFACTURER'S LABEL : CONTROL BOX SURFACE.
- 2) MOUNT THE AIR FILTER AT THE SUCTION SIDE. (SELECT ITS DUST COLLECTION EFFICIENCY ~GRAVITY METHOD~50% OR MORE.)
- 3) SPACE FOR SERVICE WORK
PROVIDE SERVICE SPACE FOR SERVICE WORK SUCH AS CHECK AND MAINTENANCE OF THE CONTROL BOX AND (IF APPLICABLE) DRAIN PUMP BY ONE OF THE FOLLOWING WAYS:
 - i. INSPECTION HATCH 1 AND 2 (23-5/8" x 23-5/8") (600 x 600) (VIEW A) AND A SPACE OF 11-13/16" (300MM) OR MORE UNDER THE UNIT.
NOTE: INSPECTION HATCH 2 IS NOT NEEDED WHEN THERE IS SPACE FOR SERVICE WORK UNDER THE UNIT.
 - ii. INSPECTION HATCH 1 (23-5/8" x 23-5/8") (600 x 600) ON THE CONTROL BOX SIDE AND INSPECTION HATCH 2 UNDER THE UNIT. (VIEW B-1)
 - iii. INSPECTION HATCH 3 UNDER THE UNIT AND CONTROL BOX. (VIEW B-2)
 - PROVIDE ENOUGH SPACE FOR MAINTENANCE OF CONTROL BOX AND DRAIN PAN.
 - CHECK THE DRAWING OF OPTIONAL ACCESSORIES WHEN MOUNTING OPTIONAL ACCESSORIES SUCH AS DRAIN PUMP KIT.



SUCTION SIDE (NOTE 2)



NO.	DESCRIPTION	REMARK
1	LIQUID PIPE CONNECTION	BRAZING
2	GAS PIPE CONNECTION	BRAZING
3	GROUND TERMINAL	M5 (INSIDE CONTROL BOX)
4	CONTROL BOX	
5	POWER SUPPLY WIRING CONNECTION	
6	TRANSMISSION WIRING CONNECTION	
7	HOOK	M10
8	DISCHARGE FLANGE	
9	SUCTION FLANGE	
10	MANUFACTURER'S LABEL	
11	DRAIN PIPING CONNECTION	O. D. Ø1-1/16" (Ø26.7)