

# SUBMITTAL DATA SHEET

### MODEL: WALL MOUNTED 50/60 Hz - FXAQ40AVM

Location:	Approval:
Engineer:	Date
Submitted to:	Construction:
Submitted by:	Unit #:
Reference:	Drawing #:

### FEATURES AND BENEFITS

PROJECT NAME

### **EXTERNAL APPEARANCE**

### Elegant Appearance with Curved Panel

The sleek design of the FTXJ-N indoor unit features a uniquely European style. This elegant body houses state-of-the-art

technology which delivers superior performance. The FTXJ-N series offers a versatile choice for home-owners, designers and architects alike.

#### Features

Stylish new design Improve panel design: Flat stylish panel & White

Energy saving Apply VRT smart control to improve energy efficiency in partial load.

New optional External EV kit (for heating operation) \*1 External Expansion Valve kit can be connected outside indoor room for low noise during heating operation in bed room and hotel.

### Flexible airflow direction

Auto swing (up and down) realizes efficiency of air distribution. Horizontal flap can be adjusted to 5 steps of discharge angle. (Available for both using with wired & wireless remote controllers.)

Note \*1. External EV kit is available in Australia, New Zealand, Vietnam, Hong Kong, Pakistan, and Latin America.

It is only effective for reducing operation sound during heating operation. Therefore, it is ineffective when connected to cooling only outdoor units.









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### **SPECIFICATIONS**

Model				FXAQ40AVM	
Power supply			1 phase, 220-240/220-230 V, 50/60 Hz		
*1 *3 Cooling capacity			kcal/h	3,900	
			Btu/h	15,400	
		kW	4.5		
*2 *3 Heating capacity			kcal/h	4,300	
			Btu/h	17,100	
		kW	5.0		
Power input	Cooling	50 Hz	kW	0.050	
		60 Hz	kW	0.050	
	Heating	50 Hz	kW	0.050	
		60 Hz	kW	0.050	
Casing / Colour				Resin / White N9.5	
Dimensions: (H×W×D)			mm	290×1,050×269	
Coil (Cross fin coil)	Rows × Stages × Fin pitch		mm	2×14×1.4 (φ6.35)	
	Face area		m²	0.235 (0.145+0.090)	
	Model			ARW30WBP43DK	
Fan	Туре			Cross flow fan	
	Motor type			DC Fan Motor	
	Motor output × Number of units		w	43×1	
	Airflow rate (H/L)		m³/min	12.2/9.7	
			l/s	203/162	
			cfm	431/342	
Air filter			Washable resin net		
Piping Connections	Liquid pipes		mm	φ6.4 (Flare connection)	
	Gas pipes		mm	φ12.7 (Flare connection)	
	Drain pipe		mm	VP13 (External dia. 18, Internal dia. 15)	
Mass		kg	15.0		
*4 Sound pressure level (H/L)	Cooling		dB(A)	37.0/33.5	
	Heating		dB(A)	38.0/33.5	
Safety devices			Fuse		
Refrigerant control			Electronic expansion valve		
Standard accessories			Operation manual, Installation manual, Installation panel, Paper pattern for installation, Insulation tape, Clamps, Screws		
Drawing No.	Specification			C: 3D121836A	
Drawing No.					

Notes:

\*1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5 m, level difference: 0 m.

\*2. Indoor temp.: 20°CDB, 15°CWB / outdoor temp.: 7°CDB, 6°CWB / Equivalent piping length: 7.5 m, level difference: 0 m.

\*3. Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.

\*4. Anechoic chamber conversion value, measured at a point 1 m in front of the unit and 1 m downward. During actual operation, these values are normally somewhat higher as a result of ambient conditions.

Conversion formulae kcal/h=kW×860 Btu/h=kW×3412 cfm=m³/min×35.3 l/s=m³/min×1000/60

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### MODEL: WALL MOUNTED 50/60 Hz - FXAQ40AVM

#### Unit: mm Knockout hole. 3D122217 120- or less installation in high place Outer dimensions of the unit Hole for embedded piping Required spac 90- or more Required space 30- or more Ē S500- or more S01 \*\* Hole for piping Required space 2 or more œ () () () <u>1,1,1</u> ġ holes in the wall About 475 Drain hose VP13 Inside diameter: -15-mm Outside diameter: -18-mm Hole for piping Flexible pip About 415 Gas pipe Ø 12.7mm CuT About 460 Liquid pipe Ø 6.4mm CuT Hole for piping outlet Standard location of h 625 Ϋ́ Refrigerant filte -ront grille fixing screw 795 ntal blade 107.6 Hale for piping 09 Horizo Hole for piping Hole for embedded piping ۲L 50- or more Required space 2) Do not place any objects under the indoor unit. In case of high humidity (>80%), clogged drain outlets, or dirty air filters, condensate may drop out. Hole for piping. About 420 Gas pipe About 460 Liquid pipe 1) The - \_\_\_\_\_ mark shows the piping direction. Dimensions of fully opened front panel About 365 Drain hose Front pane Blade angle p/down (automal Front grille Heating ockout hole. 266 Cooling Dry Votes 590 A

### DIMENSIONS

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