

# SUBMITTAL DATA SHEET

MODEL: WALL MOUNTED 50/60 Hz - FXAQ32AVM

## PROJECT NAME:

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

## FEATURES AND BENEFITS

### 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.

## EXTERNAL APPEARANCE



R-410A

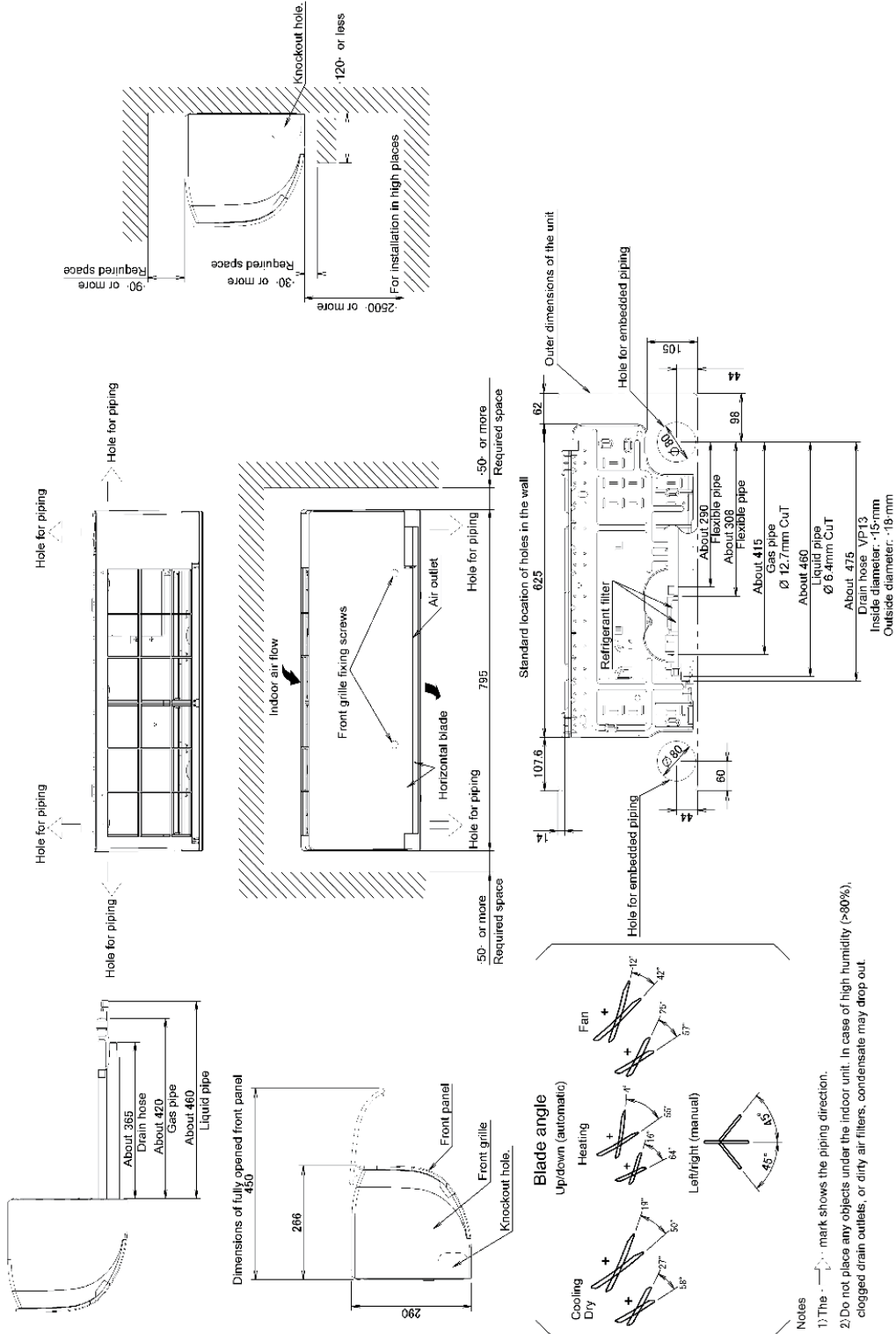
Model		FXAQ32AVM		
Power supply		1 phase, 220-240/220-230 V, 50/60 Hz		
*1 *3 Cooling capacity	kcal/h	3,100		
	Btu/h	12,300		
	kW	3.6		
*2 *3 Heating capacity	kcal/h	3,400		
	Btu/h	13,600		
	kW	4.0		
Power input	Cooling	50 Hz	kW	0.040
		60 Hz	kW	0.040
	Heating	50 Hz	kW	0.050
		60 Hz	kW	0.050
Casing / Colour		Resin / White N9.5		
Dimensions: (HxWxD)		mm	290x795x266	
Coil (Cross fin coil)	Rows x Stages x Fin pitch	mm	2x14x1.4 (φ6.35)	
	Face area	m <sup>2</sup>	0.161 (0.103+0.058)	
Fan	Model		KFD-280-40-8N	
	Type		Cross flow fan	
	Motor type		DC Fan Motor	
	Motor output x Number of units	W	40x1	
	Airflow rate (H/L)	m <sup>3</sup> /min	9.8/7.0	
l/s		163/117		
cfm		346/247		
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	12.0	
*4 Sound pressure level (H/L)	Cooling	dB(A)	37.5/28.5	
	Heating	dB(A)	38.5/28.5	
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		
	Sound level	C: 4D122385A		
<b>Notes:</b>				
*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

$$\begin{aligned} \text{kcal/h} &= \text{kW} \times 860 \\ \text{Btu/h} &= \text{kW} \times 3412 \\ \text{cfm} &= \text{m}^3/\text{min} \times 35.3 \\ \text{l/s} &= \text{m}^3/\text{min} \times 1000/60 \end{aligned}$$

### DIMENSIONS

Unit: mm



3D122217