

SUBMITTAL DATA SHEET

MODEL: WALL MOUNTED 50/60 Hz - FXAQ25AVM

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

SPECIFICATIONS

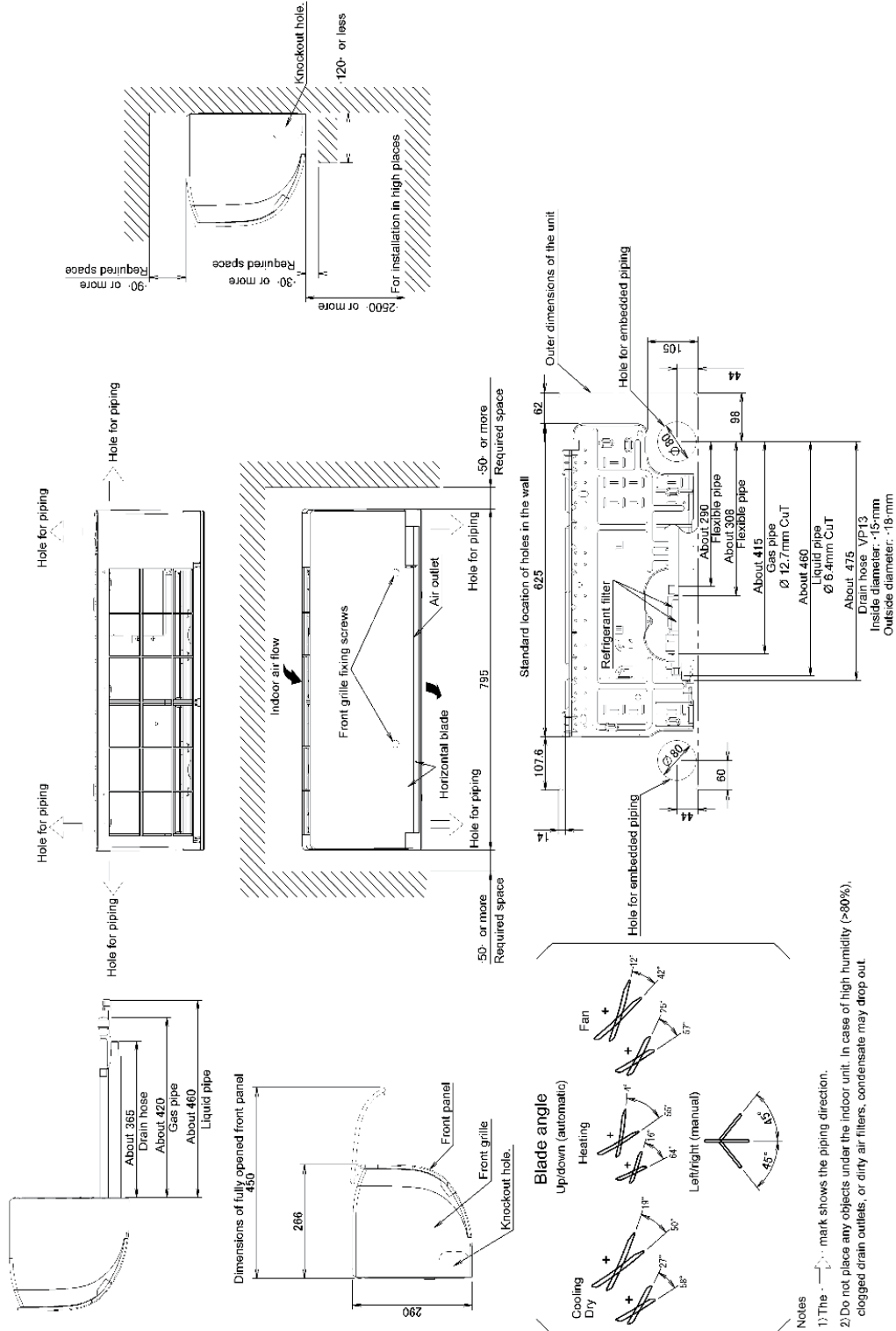
Model			FXAQ25AVM	
Power supply			1 phase, 220-240/220-230 V, 50/60 Hz	
*1 *3 Cooling capacity			kcal/h	2,400
			Btu/h	9,600
			kW	2.8
*2 *3 Heating capacity			kcal/h	2,800
			Btu/h	10,900
			kW	3.2
Power input	Cooling	50 Hz	kW	0.040
		60 Hz	kW	0.040
	Heating	50 Hz	kW	0.040
		60 Hz	kW	0.040
Casing / 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 ²	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 ³ /min	9.4/7.0
l/s			157/117	
cfm			332/247	
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)	35.0/28.5
	Heating		dB(A)	36.0/28.5
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: 4D122384A	
<p>Notes:</p> <p>*1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5 m, level difference: 0 m.</p> <p>*2. Indoor temp.: 20°CDB, 15°CWB / outdoor temp.: 7°CDB, 6°CWB / Equivalent piping length: 7.5 m, level difference: 0 m.</p> <p>*3. Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.</p> <p>*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.</p>				

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

Notes
1) The mark shows the piping direction.
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.