

SUBMITTAL DATA SHEET

MODEL: 1-WAY CASSETTE 60 Hz - FXEQ25AVE

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

FEATURES AND BENEFITS

Units are "Cassette" decorative ceiling type, manufactured in high impact PVC and supplied in one color. The air flow is on One Way Blow, unidirectional, cool white, impact resistant type of air distribution with a washable panel. Supplied air is distributed through motorized vertical and horizontal louvers that can be adjusted from 0° to 45° and 20° to 70° respectively. Computerized PID control is used to control overheating to provide a comfortable room temperature. The unit is equipped with a programmed drying mechanism that dehumidifies by limiting changes in room temperature when used with the Daikin BRC1E62 remote control. The sound pressure of the indoor units are on the range from 26 dB (A) to 38 dB (A) at low speed measured at a maximum of 1 meter below the unit.

The evaporator units that serve individual offices will each have their own remote control wired to the wall at 1.6 meters above the floor, there will also be a central remote control from which all the indoor units will be operated.

Open spaces that are served by several units will be managed from a central group control.

EXTERNAL APPEARANCE











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SPECIFICATIONS

	Model			FXEQ20AVE				
Power supply				1 phase, 220 V, 60 Hz				
			kcal/h	1,900				
*1 *3 Cooling capacity			Btu/h	7,500				
kW				2.2				
			kcal/h	2,200				
*2 *3 Heating capacity			Btu/h	8,500				
		kW	2.5					
	Cooling	60 Hz	kW	0.026				
Power input	Heating	60 Hz	kW	0.022				
Casing / Colour				Galvanized steel plate				
Dimensions: (H×W×D)		mm	200×840×470					
	Rows × Stages × Fin p	oitch	mm					
Coil (Cross fin coil)	····			2×14×1.24				
Con (Cross in Con)	Face area		m ²	0.158				
	Model							
	_			_				
	Type			Sirocco fan				
	Motor output × Num	ber of units	W	87×1				
Fan		Caaliaa	m³/min	6.0/5.4/4.9/4.4/4.0				
	Airflow rate (H/HM/	Cooling	cfm	212/191/173/155/141				
	M/ ML/L)		m³/min	6.0/5.6/5.1/4.7/4.2				
		Heating	cfm	212/198/180/166/148				
	Drive	1		Direct drive				
Sound absorbing thermal ins	ulation material			Foamed polyurethane				
	Liquid pipes		mm	φ6.4 (Flare connection)				
Piping connections	Gas pipes		mm	φ12.7 (Flare connection)				
Tiping connections	Drain pipe		mm	PVC26				
				External dia. 26 / Internal dia. 20				
Mass			kg	17				
*4 Sound pressure level (H/HM/M/ML/L)		Cooling	dB(A)	30/29/28/27/26				
		Heating		33/31/29/28/26				
Refrigerant control				Electronic expansion valve				
	Model			BYEP40AW1				
	Panel colour			Fresh white				
Decoration panels (Option)	Dimensions: (H×W×D)	mm	80×950×550				
	Air filter		'	Resin net (with mould resistance)				
	Mass		kg	8				
Standard accessories				Operation and installation manual, Paper pattern for installation, Drain hos sealing material, Sealing material, Accessories bag, Plain washer (M10), C tight cup screw M5 (3 kinds), Wire clamp material, Hose band, Washer fixir material, Antisweat material, Thermal insulation joint, Thermal insulation tube, Inside drain hose				
Drawing Na	Specification			C: 3D084985				
Drawing No.	Sound level			C: 3D085028				

- 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 / 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

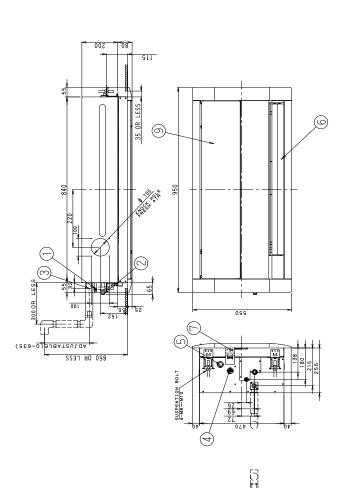




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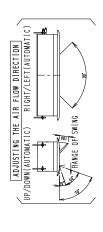
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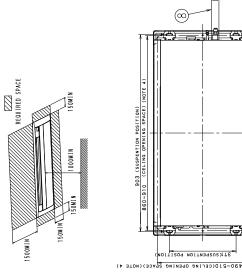
DIMENSIONS



T	12, 7										
	6.4		_					(D \$ 50)	NECTION	NECTION	REMARK
	FXE020~40AVE FXE020~40AV36		ID \$ 25 (DUTLET					VPC26 (00 ¢ 26/10 ¢ 20)	øbb(flare connection)	♦ AA(FLARE CONNECTION)	REA
		AIR-INLET	DRAIN HOSE (ACCESSORY)	FIXTURE	AIR-OUTLET	CONNECTION WIRING / Remote control Wiring Connection	POWER-SOURCE WIRING AND A UNIT WIRING CONNECTION	DRAIN PIPE CONNECTION	GAS PIPE CONNECTION	LIQUID PIPE CONNECTION	PART NAME
		ത	∞	7	9	S	4	m	2	-	ITEM

MODEL AA BB





Note:
- Location of unit's Name Plate
- Linth body : on the control box cover,
-Decoration panel : on the panel frame at the middle of the inlet,

When installing an optional accessory, refer to the installation drawings,

When it may exceed 30°C and RH 80% in the ceiling or fresh air is inducted into the ceiling, an additional insulation (Thickness 10mm or more of glasswool or polyeth/lene form) is required.

Make sure the spacing between the ceiling and the cassette is not more than 35mm, MAX ceiling opening.910×510.

DECORATION PANEL BYEPQANT(6) FRESH WHITE 6, 57 9, 5/0, 5