

SUBMITTAL DATA SHEET

MODEL: 1-WAY CASSETTE 60 Hz - FXEQ63AVE

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	FXEQ63AVE			
Power supply				1 phase, 220 V, 60 Hz	
	kcal/h			6,100	
*1 *3 Cooling capacity			Btu/h	24,200	
			kW	7.1	
		kcal/h	6,900		
*2 *3 Heating capacity		27,300			
5 . ,			kW	8.0	
	Cooling	60 Hz	kW	0.044	
Power input	9		kW	0.063	
Casing / Colour				Galvanized steel plate	
Dimensions: (H×W×D)			mm	200×1,240×470	
	Rows × Stages × Fin pitch mr			2×14×1.24+1×8×1.6	
Coil (Cross fin coil)	1)			0.251	
	Face area		m ²		
	Model			_	
			Sirocco fan		
	Type				
	Motor output × Number of units		W	117×1	
Fan	Airflow rate (H/HM/ M/ ML/L)		m³/min	15.0/13.6/12.2/11.0/9.8	
			cfm	530/480/431/388/346	
			m³/min	16.9/15.3/13.6/12.3/11.0	
		Heating		597/540/480/434/388	
	Drive			Direct drive	
Sound absorbing thermal ins	ation material			Foamed polyurethane	
	Liquid pipes		mm	φ9.5 (Flare connection)	
	Gas pipes		mm	φ15.9 (Flare connection)	
Piping connections				PVC26	
	Drain pipe		mm	(External dia. 26)	
				Internal dia. 20	
Mass	-		kg	23	
*4.6	N 4 /N 4 /N 41 /1 \	Cooling	-ID(A)	43/41/39/37/35	
*4 Sound pressure level (H/H	M/M/ML/L)	Heating	dB(A)	46/44/42/40/38	
Refrigerant control			· ·	Electronic expansion valve	
	Model			BYEP63AW1	
	Panel colour			Fresh white	
Decoration panels (Option)	Dimensions: (H×W×D)	mm	80×1,350×550	
	Air filter Mass kg			Resin net (with mould resistance)	
				10	
Standard accessories			1	Operation and installation manual, Paper pattern for installation, Drain hose sealing material, Sealing material, Accessories bag, Plain washer (M10), C tight cup screw M5 (3 kinds), Wire clamp material, Hose band, Washer fixing material, Antisweat material, Thermal insulation joint, Thermal insulation tube, Inside drain hose	
Drawing No.	Specification			C: 3D084985	
2.2.villy 110.	Sound level		C: 3D085033		

- 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.

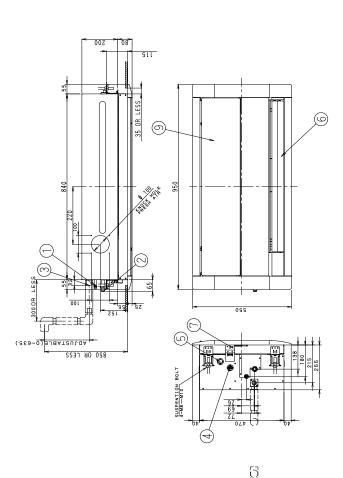
Conversion formulae — kcal/h=kW×860 — Btu/h=kW×3412 — cfm=m³/min×35.3



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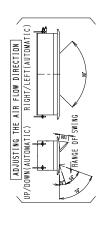
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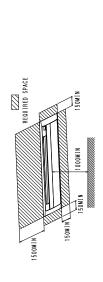
DIMENSIONS

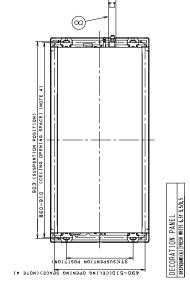


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	ø AA (FLARE)	φ BB(FLARE CONNECTION φ AA(FLARE CONNECTION)	øBB(FLARE CON	VPC26 (OD ø 26/					10 \$ 25 (OUTLE)			FXEQ20~40AVE FXEQ20~40AV36	
A RH- MET BRAIL HOSE (ACCESSORY) FLYTORE A RH- OUTCOT WHING CONNECTION REWISE CONNECTION WHING CONNECTION MAD A WHI THE HING CONNECTION BRAIL RIP ECONNECTION GAS PIPE CONNECTION	LIQUID PIPE CONNECTION	GAS PIPE CONNECTION LIQUID PIPE CONNECTION	GAS PIPE CONNECTION	DRAIN PIPE CONNECTION	POWER-SOURCE WIRING AND A UNIT WIRING CONNECTION	CONNECTION WIRING / RENOTE CONTROL WIRING CONNECTION	AIR-OUTLET	FIXTURE	DRAIN HOSE (ACCESSORY)	AIR-INLET			
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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,

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