

SUBMITTAL DATA SHEET

MODEL: 1-WAY CASSETTE 60 Hz - FXEQ40AVE

Approval:	
Date	
Construction:	
Unit #:	
Drawing #:	

FEATURES AND BENEFITS

DROJECT NAME

EXTERNAL APPEARANCE

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.





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SPECIFICATIONS

Model Power supply				FXEQ40AVE
				1 phase, 220 V, 60 Hz
			kcal/h	3,900
*1 *3 Cooling capacity			Btu/h	15,400
			kW	4.5
			kcal/h	4,300
*2 *3 Heating capacity			Btu/h	17,100
			kW	5.0
	Cooling	60 Hz	kW	0.046
Power input	Heating	60 Hz	kW	0.042
Casing / Colour	licating	00112		Galvanized steel plate
			200×840×470	
Rows × Stages × Fin pitch			mm	2×14×1.24+1×8×1.6
Coil (Cross fin coil)	Face area			0.158
			2	
	Model			Sirocco fan
	Model			87×1
	Туре			9.8/8.8/7.0/6.2
	Motor output × Number of units		W	346/311/275/247/219
	Airflow rate (H/HM/ M/ ML/L)		m³/min	10.2/9.3/8.4/7.6/6.8
Fan		Cooling	cfm	360/328/297/268/240
		Heating	m³/min	Direct drive
			cfm	Foamed polyurethane
	Drive			φ6.4 (Flare connection)
Sound absorbing thermal insulation material			φ12.7 (Flare connection)	
Piping connections	Liquid pipes mm		mm	PVC26 External dia. 26 - Internal dia. 20
	Gas pipes		mm	18
	Drain pipe		mm	38/37/35/33/31
Mass			kg	41/39/37/35/33
*4 Sound pressure level (H/HM/M/ML/L) Cooling Heating			dB(A)	Electronic expansion valve
		Heating		BYEP40AW1
Refrigerant control				Fresh white
Decoration panels (Option)	Model			80×950×550
	Panel colour			Resin net (with mould resistance)
	Dimensions: (H×W×D) m			8
	Air filter			Operation and installation manual, Paper pattern for installation, Drain ho sealing material, Sealing material, Accessories bag, Plain washer (M10), tight cup screw M5 (3 kinds), Wire clamp material, Hose band, Washer fix material, Antisweat material, Thermal insulation joint, Thermal insulation tube, Inside drain hose
	Mass kg		C: 3D084985	
Standard accessories			· · · · · · · · · · · · · · · · · · ·	C: 3D085031
Drawing No.	Specification			C: 3D084985
	Sound level			C: 3D085032

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

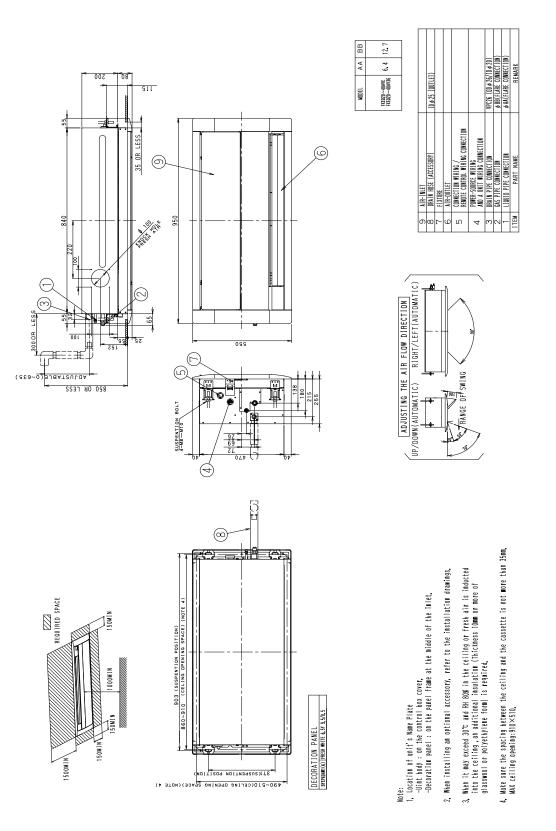




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DIMENSIONS



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