

SUBMITTAL DATA SHEET

MODEL: 1-WAY CASSETTE 60 Hz - FXEQ40AVE

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



SPECIFICATIONS

Model			FXEQ40AVE	
Power supply			1 phase, 220 V, 60 Hz	
*1 *3 Cooling capacity			kcal/h	3,900
			Btu/h	15,400
			kW	4.5
*2 *3 Heating capacity			kcal/h	4,300
			Btu/h	17,100
			kW	5.0
Power input	Cooling	60 Hz	kW	0.046
	Heating	60 Hz	kW	0.042
Casing / Colour			Galvanized steel plate	
Dimensions: (H×W×D)			mm	200×840×470
Coil (Cross fin coil)	Rows × Stages × Fin pitch		mm	2×14×1.24+1×8×1.6
	Face area		m ²	0.158
Fan	Model		Sirocco fan	
	Type		87×1	
			9.8/8.8/7.8/7.0/6.2	
	Motor output × Number of units		W	346/311/275/247/219
	Airflow rate (H/HM/M/ML/L)	Cooling	m ³ /min	10.2/9.3/8.4/7.6/6.8
			cfm	360/328/297/268/240
		Heating	m ³ /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	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		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)		mm	8
	Air filter		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	
	Mass		kg	C: 3D084985
Standard accessories			C: 3D085031	
Drawing No.	Specification		C: 3D084985	
	Sound level		C: 3D085032	
<p>NOTES:</p> <ol style="list-style-type: none"> 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. Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat. 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=m ³ /min×35.3				

