

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



SPECIFICATIONS

Model			FXEQ63AVE		
Power supply			1 phase, 220 V, 60 Hz		
*1 *3 Cooling capacity			kcal/h	6,100	
			Btu/h	24,200	
			kW	7.1	
*2 *3 Heating capacity			kcal/h	6,900	
			Btu/h	27,300	
			kW	8.0	
Power input	Cooling	60 Hz	kW	0.044	
	Heating	60 Hz	kW	0.063	
Casing / Colour			Galvanized steel plate		
Dimensions: (H×W×D)			mm	200×1,240×470	
Coil (Cross fin coil)	Rows × Stages × Fin pitch		mm	2×14×1.24+1×8×1.6	
	Face area		m ²	0.251	
Fan	Model		—		
	Type		Sirocco fan		
	Motor output × Number of units		W	117×1	
	Airflow rate (H/HM/ M/ ML/L)	Cooling	m ³ /min	15.0/13.6/12.2/11.0/9.8	
			cfm	530/480/431/388/346	
		Heating	m ³ /min	16.9/15.3/13.6/12.3/11.0	
cfm			597/540/480/434/388		
Drive		Direct drive			
Sound absorbing thermal insulation material			Foamed polyurethane		
Piping connections	Liquid pipes		mm	φ9.5 (Flare connection)	
	Gas pipes		mm	φ15.9 (Flare connection)	
	Drain pipe		mm	PVC26 (External dia. 26) Internal dia. 20	
Mass			kg	23	
*4 Sound pressure level (H/HM/M/ML/L)	Cooling		dB(A)	43/41/39/37/35	
	Heating			46/44/42/40/38	
Refrigerant control			Electronic expansion valve		
Decoration panels (Option)	Model		BYEP63AW1		
	Panel colour		Fresh white		
	Dimensions: (H×W×D)		mm	80×1,350×550	
	Air filter		Resin net (with mould resistance)		
		Mass	kg	10	
Standard accessories			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		
	Sound level		C: 3D085033		
<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					

