

SUBMITTAL DATA SHEET

MODEL: 1-WAY CASSETTE 60 Hz - FXEQ32AVE

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			FXEQ32AVE		
Power supply			1 phase, 220 V, 60 Hz		
*1 *3 Cooling capacity			kcal/h	3,100	
			Btu/h	12,300	
			kW	3.6	
*2 *3 Heating capacity			kcal/h	3,400	
			Btu/h	13,600	
			kW	4.0	
Power input	Cooling	60 Hz	kW	0.034	
	Heating	60 Hz	kW	0.030	
Casing / Colour			Galvanized steel plate		
Dimensions: (HxWxD)			mm	200x840x470	
Coil (Cross fin coil)	Rows x Stages x Fin pitch		mm	2x14x1.24	
	Face area		m ²	0.158	
Fan	Model		Sirocco fan		
	Type		87x1		
			8.0/7.5/7.0/6.3/5.5		
	Motor output x Number of units		W	282/265/247/222/194	
	Airflow rate (H/HM/M/ ML/L)	Cooling	m ³ /min	8.6/8.0/7.4/6.7/6.0	
			cfm	304/282/261/237/212	
		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	17		
	Drain pipe	mm	35/34/33/32/30		
Mass			kg	38/36/34/33/31	
*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		80x950x550		
	Panel colour		Resin net (with mould resistance)		
	Dimensions: (HxWxD)		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: 3D085030		
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. <p>Conversion formulae — kcal/h=kWx860 — Btu/h=kWx3412 — cfm=m³/minx35.3</p>					

