

## 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**











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#### **SPECIFICATIONS**

Model			FXEQ32AVE	
Power supply				1 phase, 220 V, 60 Hz
			kcal/h	3,100
*1 *3 Cooling capacity			Btu/h	12,300
		kW	3.6	
		kcal/h	3,400	
*2 *3 Heating capacity			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: (H×W×D) mm			200×840×470	
Rows × Stages × Fin pitch			mm	2×14×1.24
Coil (Cross fin coil)	<u> </u>			0.158
	Face area		m <sup>2</sup>	_
	Model			Sirocco fan
				87×1
	Туре			8.0/7.5/7.0/6.3/5.5
	Motor output × Num	ber of units	W	282/265/247/222/194
- an	Airflow rate (H/HM/ M/ ML/L)	Cooling	m³/min	8.6/8.0/7.4/6.7/6.0
			cfm	304/282/261/237/212
			m³/min	Direct drive
		Heating	cfm	Foamed polyurethane
	Drive			φ6.4 (Flare connection)
Sound absorbing thermal insulation material			φ12.7 (Flare connection)	
Liquid pipes		mm	PVC26	
Piping connections				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/H	M/M/ML/L)	1L/L) Cooling	dB(A)	Electronic expansion valve
	· 	Heating		BYEP40AW1
Refrigerant control				Fresh white
	Model			80×950×550
Decoration panels (Option)	Panel colour			Resin net (with mould resistance)
	Dimensions: (H×W×D) mm		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		kg	C: 3D084985
Standard accessories			C: 3D085030	
Drawing No.				C: 3D084985
2.ag 140.	Sound level			C: 3D085032

- 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

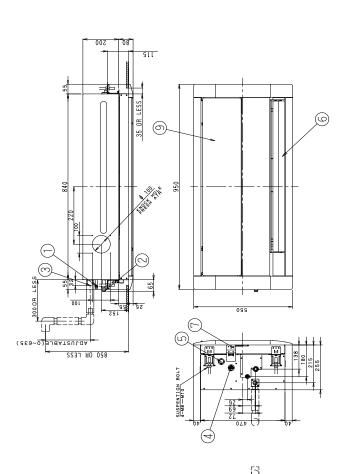




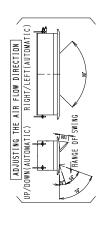
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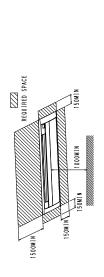
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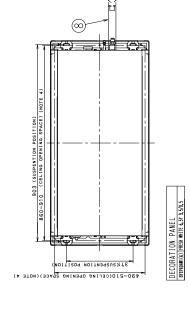
### **DIMENSIONS**











Note:
1. Location of unit's Name Plate
- Lilit body: on the control box cover,
- Decoration panel: on the panel frame at the middle of the inlet,

2, When installing an optional accessory, refer to the installation drawings, 3, 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 glassmool or polyethylene form) is required.

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