

OMEGA VRF ROUND FLOW CASSETTE

SUBMITTAL DATA

208-240V/1/50-60Hz

Job: _____
Location: _____
Schedule No.: _____
System Designation: _____

Engineer: _____
Architect: _____
Date: _____
For: Reference **Approval** **Review** **Construction**

FEATURES

- Build in Drain Pump
- Fresh Air Intake
- 360
- DC Inverter Motor
- Water Overflow Protection
- Intelligent Drainage Device



1. Specifications

Model			VECR019Q0A-GWV056	VECR024Q0A-GWV071	VECR027Q0A-GWV080
Power supply			220-240V/1PH/60Hz	220-240V/1PH/60Hz	220-240V/1PH/60Hz
Capacity	Cooling	kW	5.6	7.1	8
	Heating	kW	6.3	8	8.8
Power Input		kW	0.03	0.07	0.07
Fan motor	Model		DR-310-60Q-8	DR-310-60Q-8	DR-310-60Q-8
	Type		DC	DC	DC
	Brand		Panasonic	Panasonic	Panasonic
	Speed (Hi/Med/Low)	r/min	620/570/520	850/790/600	850/790/600
Indoor coil	Number of rows		2	2	2
	Fin type		Hydrophilic Aluminum	Hydrophilic Aluminum	Hydrophilic Aluminum
	Tube diameter and type	mm	Ø7 Innergroove Tube	Ø7 Innergroove Tube	Ø7 Innergroove Tube
Air flow (High speed)		m ³ /h	810	1200	1200
Sound pressure level		dB(A)	35~39	36~39	36~39
Body	Dimension (W×H×D)	mm	833×232×900	833×232×900	833×232×900
	Packing (W×H×D)	mm	920×265×985	920×265×985	920×265×985
	Net/Gross weight	kg	22/27	22.5/27.5	22.5/27.5
Panel	Dimension (W×H×D)	mm	950×50×950	950×50×950	950×50×950
	Packing (W×H×D)	mm	1030×105×1030	1030×105×1030	1030×105×1030
	Net/Gross weight	kg	5.4/8	5.4/8	5.4/8
Refrigerant type			R410A	R410A	R410A
Throttle type			Electrical expansion valve	Electrical expansion valve	Electrical expansion valve
Design pressure			MPa	3.8	3.8
Liquid pipe / Gas pipe			mm	Ø6.35/ Ø12.7	Ø9.53/ Ø15.9
Connecting wire	Power wire	AWG	16	16	16
	Signal wire	AWG	22	22	22
Drainage water pipe (Outer diameter)			mm	Ø25	Ø25
Controller	Standard		Remote controller	Remote controller	Remote controller
	Optional		Wired controller	Wired controller	Wired controller
Operation temp		°C	16~32	16~32	16~32

NOTES

1. The cooling conditions: indoor side 27°C(80.6°F) DB, 19°C(60°F)WB outdoor side 35°C(95°F) DB.
2. The heating conditions: indoor side 20°C(68°F) DB, 15°C(44.6°F)WB outdoor side 7°C(42.8°F)DB.
3. Sound level: measured at a point 1 m in front of the unit at a height of 1.5 m. During actual operation, these values are normally somewhat higher as a result of ambient conditions.
4. The company reserves the right to revise product technical parameter without having to notify the clients individually.

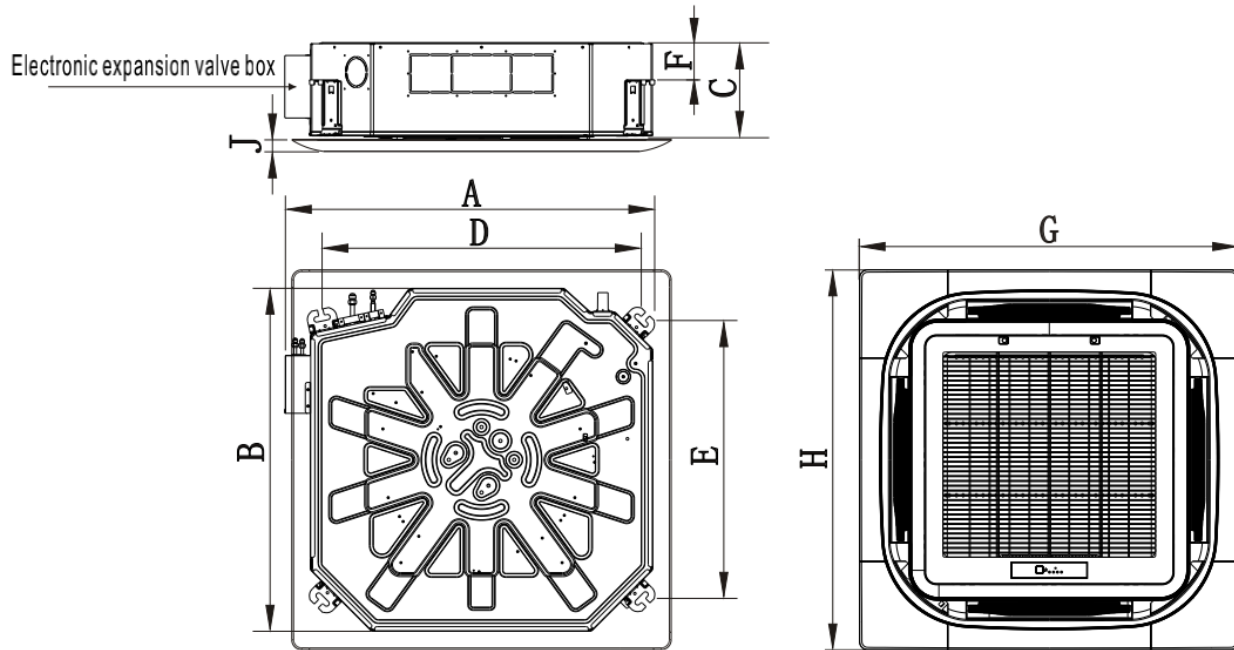
1. Specifications

Model			VECR031Q0A-GWV090	VECR035Q0A-GWV100	VECR048Q0A-GWV140
Power supply			220-240V 1Ph 60Hz	220-240V 1Ph 60Hz	220-240V 1Ph 60Hz
Capacity	Cooling	kW	9	10	14
	Heating	kW	10	11	15
Power Input		kW	0.1	0.1	0.1
Fan motor	Model		DR-310-100Q-8	DR-310-100Q-8	DR-310-100Q-8
	Type		DC	DC	DC
	Brand		Panasonic	Panasonic	Panasonic
	Speed (Hi/Med/Low)	r/min	750/650/550	750/650/550	750/650/550
Indoor coil	Number of rows		2	2	2
	Fin type		Hydrophilic Aluminum	Hydrophilic Aluminum	Hydrophilic Aluminum
	Tube diameter and type	mm	Ø7 Innergroove Tube	Ø7 Innergroove Tube	Ø7 Innergroove Tube
Air flow (High speed)		m ³ /h	1600	1600	1600
Sound pressure level		dB(A)	37~41	37~41	37~41
Body	Dimension (W×H×D)	mm	833×286×900	833×286×900	833×286×900
	Packing (W×H×D)	mm	920×310×985	920×310×985	920×310×985
	Net/Gross weight	kg	27/32.5	27/32.5	27/32.5
Panel	Dimension (W×H×D)	mm	950×50×950	950×50×950	950×50×950
	Packing (W×H×D)	mm	1030×105×1030	1030×105×1030	1030×105×1030
	Net/Gross weight	kg	5.4/8	5.4/8	5.4/8
Refrigerant type			R410A	R410A	R410A
Throttle type			Electrical expansion valve	Electrical expansion valve	Electrical expansion valve
Design pressure		MPa	3.8	3.8	3.8
Liquid pipe / Gas pipe		mm	Ø9.53/ Ø15.9	Ø9.53/ Ø15.9	Ø9.53/ Ø15.9
Connecting wire	Power wire	AWG	16	16	16
	Signal wire	AWG	22	22	22
Drainage water pipe (Outer diameter)		mm	Ø25	Ø25	Ø25
Controller	Standard		Remote controller	Remote controller	Remote controller
	Optional		Wired controller	Wired controller	Wired controller
Operation temp		°C	16~32	16~32	16~32

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2-DIMENSIONAL DRAWINGS - (MM)



Model	Body dimension (mm)			Installation dimension (mm)			Panel dimension (mm)		
	A	B	C	D	E	F	G	H	J
VECR019Q0A	900	833	232	776	684	91	950	950	50
VECR024Q0A	900	833	232	776	684	91	950	950	50
VECR027Q0A	900	833	232	776	684	91	950	950	50
VECR031Q0A	900	833	286	776	684	150	950	950	50
VECR035Q0A	900	833	286	776	684	150	950	950	50
VECR038Q0A	900	833	286	776	684	150	950	950	50
VECR043Q0A	900	833	286	776	684	150	950	950	50
VECR048Q0A	900	833	286	776	684	150	950	950	50
VECR060Q0A	900	833	286	776	684	150	950	950	50