

OMEGA VRF 4 WAY MINI CASSETTE

SUBMITTAL DATA

208-240V/1/50Hz

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

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

FEATURES

- Build in Drain Pump
- Side Outlet Duct Connection (4 Sides)
- Water Overflow Protection
- Fresh Air Intake
- DC Inverter Motor
- Intelligent Drainage Device



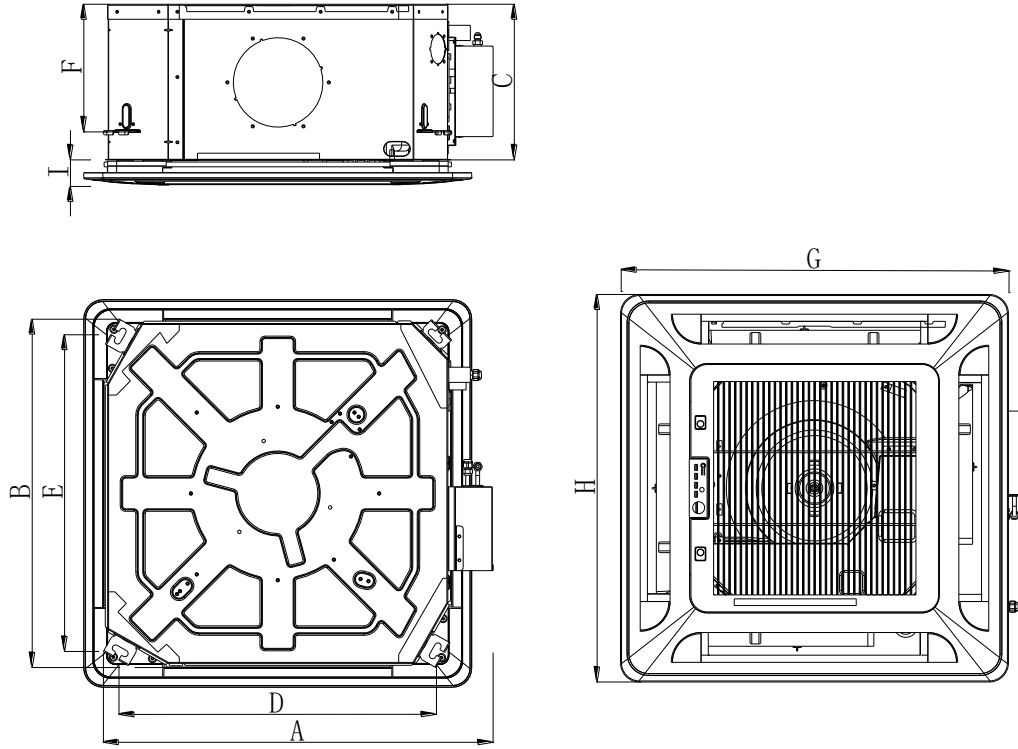
1. Specifications

Model			VECM008Q0A-GWV022	VECM010Q0A-GWV028	VECM012Q0A-GWV036	VECM015Q0A-GWV045
Power supply			220-240V/1PH/50Hz	220-240V/1PH/50Hz	220-240V/1PH/50Hz	220-240V/1PH/50Hz
Capacity	Cooling	kW	2.2	2.8	3.6	4.5
	Heating	kW	2.5	3.2	4	5
Power Input		kW	0.015	0.015	0.023	0.023
Fan motor	Model		DR-310-35Q-8-1	DR-310-35Q-8-1	DR-310-35Q-8-1	DR-310-35Q-8-1
	Type		DC	DC	DC	DC
	Brand		Green-Intelligence	Green-Intelligence	Welling	Welling
	Speed (Hi/Med/Low)	r/min	570/440/350	570/440/350	640/530/440	640/530/440
Indoor coil	Number of rows		2	2	2	2
	Fin type		Hydrophilic Aluminum	Hydrophilic Aluminum	Hydrophilic Aluminum	Hydrophilic Aluminum
	Tube diameter and type	mm	Ø7, Innergroove Tube	Ø7, Innergroove Tube	Ø7, Innergroove Tube	Ø7, Innergroove Tube
Air flow (High speed)		m ³ /h	440/327/246	440/327/246	530/432/327	530/432/327
Sound power level		dB(A)	21~32	21~32	26~36	26~36
Body	Dimension (W×H×D)	mm	653×267×585	653×267×585	653×267×585	653×267×585
	Packing (W×H×D)	mm	745×375×675	745×375×675	745×375×675	745×375×675
	Net/Gross weight	kg	17.5/23	17.5/23	17.5/23	17.5/23
Panel	Dimension (W×H×D)	mm	650×30×650	650×30×650	650×30×650	650×30×650
	Packing (W×H×D)	mm	750×95×750	750×95×750	750×95×750	750×95×750
	Net/Gross weight	kg	2.7/4.0	2.7/4.0	2.7/4.0	2.7/4.0
Refrigerant type			R410A	R410A	R410A	R410A
Throttle type			Electrical expansion valve	Electrical expansion valve	Electrical expansion valve	Electrical expansion valve
Design pressure		MPa	4.5	4.5	4.5	4.5
Liquid pipe / Gas pipe		mm	Ø6.35/ Ø9.53	Ø6.35/ Ø9.53	Ø6.35/ Ø12.7	Ø6.35/ Ø12.7
Connecting wire	Power wire	AWG	2.5*2+2.5(L≤20m)	2.5*2+2.5(L≤20m)	2.5*2+2.5(L≤20m)	2.5*2+2.5(L≤20m)
	Signal wire	AWG	0.75*2 shield	0.75*2 shield	0.75*2 shield	0.75*2 shield
Drainage water pipe (outer diameter)		mm	Ø25	Ø25	Ø25	Ø25
Controller	Standard		Remote controller	Remote controller	Remote controller	Remote controller
	Optional		Wired controller	Wired controller	Wired controller	Wired controller
Operation temp		°C	16~32	16~32	16~32	16~32

Notes:

- 1) Nominal cooling capacities are based on the following conditions.
 - Outdoor temperature: 35°C DB
 - Return air temperature: 27°C DB, 19°C WB
 - Equivalent piping length: 8m in horizontal
- 2) Nominal heating capacities are based on the following condition.
 - Outdoor temperature: 7°C DB, 6°C WB
 - Return air temperature: 20°C DB
 - Equivalent piping length: 8m in horizontal
- 3) Sound pressure level: Semi-anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.4 m.
- 4) The above data may be changed without notice for future improvement on quality and performance.

2-DIMENSIONAL DRAWINGS - (MM)



Model	Body dimension (mm)			Installation dimension (mm)			Panel dimension (mm)		
	A	B	C	D	E	F	G	H	I
VECM008Q0A	653	585	267	528	528	212	650	650	30
VECM010Q0A	653	585	267	528	528	212	650	650	30
VECM012Q0A	653	585	267	528	528	212	650	650	30
VECM015Q0A	653	585	267	528	528	212	650	650	30