

OMEGA VRF LOW E.S.P. DUCTED

SUBMITTAL DATA

208-240V/1/60Hz

Job: _____
Location: _____
Schedule No.: _____
System Designation: VRF Slim Ducted Unit _____

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

FEATURES

- Build in Drain Pump
- Low Static Pressure Design
- Water Overflow Protection
- Small Installation Space
- DC Inverter Motor
- Intelligent Drainage Device



1. Specifications

Model			VELP008Q0A-GCV022	VELP010Q0A-GCV028	VELP012Q0A-GCV036
Power supply			220-240V/1PH/50-60Hz	220-240V/1PH/50-60Hz	220-240V/1PH/50-60Hz
Capacity	Cooling	kW	2.2	2.8	3.6
	Heating	kW	2.5	3.2	4.0
Power Input		kW	0.02	0.02	0.03
Fan motor	Model		DR-310-27F-8	DR-310-27F-8	DR-310-27F-8
	Type		DC	DC	DC
	Brand		Panasonic	Panasonic	Panasonic
	Speed (Hi/Med/Low)	r/min	1130/980/920	1130/980/920	1330/1090/1000
	ESP	Pa	30	30	30
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	450	450	500
Sound power level		dB(A)	24~29	24~29	25~32
Body	Dimension (W×H×D)	mm	814×210×467	814×210×467	814×210×467
	Packing (W×H×D)	mm	910×240×510	910×240×510	910×240×510
	Net/Gross weight	kg	16/19	16/19	16.5/19
Refrigerant type			R410A	R410A	R410A
Throttle type			EXV	EXV	EXV
Design pressure		MPa	4.5	4.5	4.5
Liquid pipe / Gas pipe		mm	Ø6.35/ Ø9.53	Ø6.35/ Ø9.53	Ø6.35/ Ø12.7
Connecting wire	Power wire	mm ²	2.5*2+2.5(L≤20m) 4*2+2.5(20m<L≤50m)	2.5*2+2.5(L≤20m) 4*2+2.5(20m<L≤50m)	2.5*2+2.5(L≤20m) 4*2+2.5(20m<L≤50m)
	Signal wire	mm ²	0.75*2 shield	0.75*2 shield	0.75*2 shield
Drainage water pipe (Outer diameter)		mm	Ø25	Ø25	Ø25
Controller	Standard		Wired controller	Wired controller	Wired controller
	Optional		Remote controller	Remote controller	Remote controller
Operation temp		°C	16~32	16~32	16~32

NOTES

- The cooling conditions: indoor side 27°C(80.6°F) DB, 19°C(60°F)WB outdoor side 35°C(95°F) DB.
- The heating conditions: indoor side 20°C(68°F) DB, 15°C(44.6°F)WB outdoor side 7°C(42.8°F)DB.
- 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.
- The company reserves the right to revise product technical parameter without having to notify the clients individually.

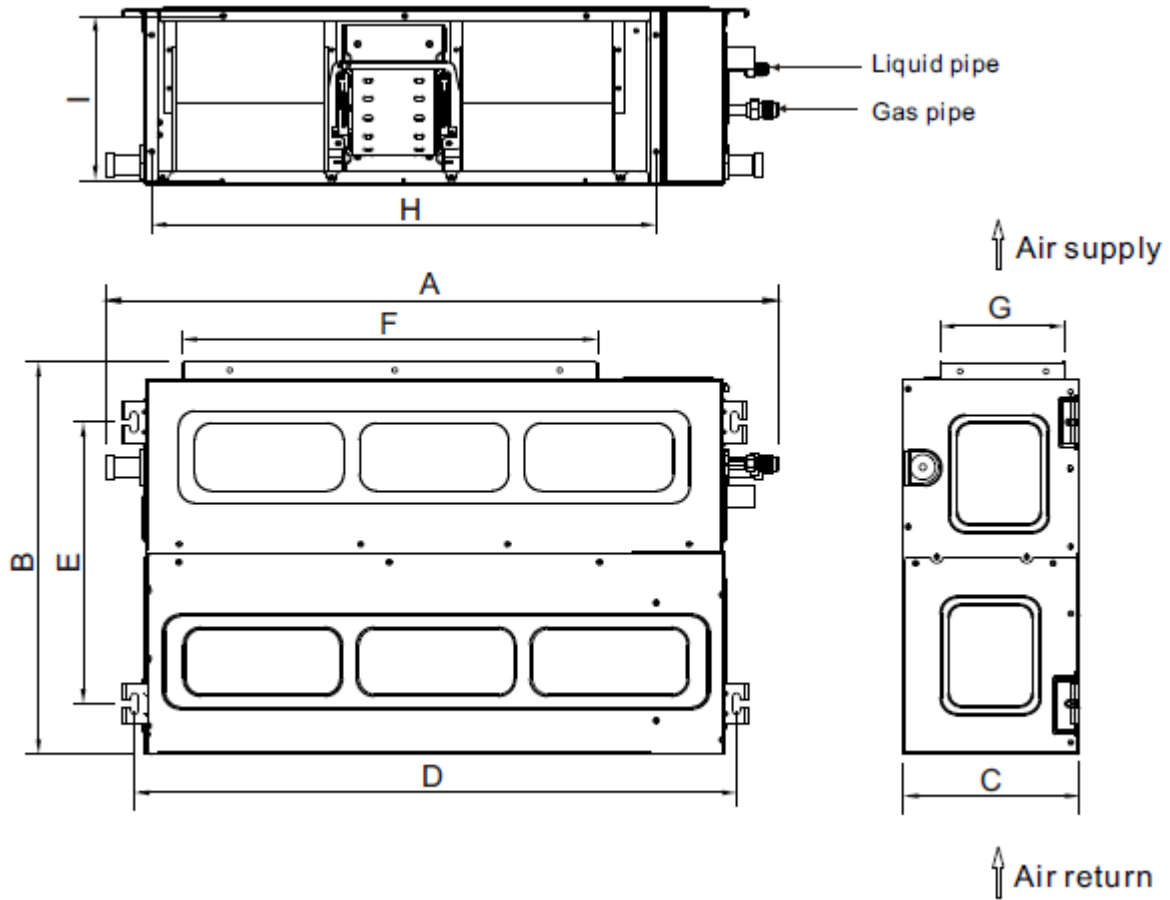
1. Specifications

Model			VELP015Q0A-GCV045	VELP019Q0A-GCV056	VELP024Q0A-GCV071
Power supply			220-240V/1PH/50-60Hz	220-240V/1PH/50-60Hz	220-240V/1PH/50-60Hz
Capacity	Cooling	kW	4.5	5.6	7.1
	Heating	kW	5.0	6.3	8.0
Power Input		kW	0.035	0.045	0.055
Fan motor	Model		DR-310-27F-8	DR-310-55F-8	DR-310-68F-8
	Type		DC	DC	DC
	Brand		Panasonic	Panasonic	Panasonic
	Speed (Hi/Med/Low)	r/min	1360/1220/1200	1330/1130/1070	1360/1200/1150
	ESP	Pa	30	30	30
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	620	800	1000
Sound power level		dB(A)	32~37	28~38	30~39
Body	Dimension (W×H×D)	mm	814×210×467	1010×210×467	1214×210×467
	Packing (W×H×D)	mm	910×240×510	1110×240×510	1310×240×510
	Net/Gross weight	kg	16.5/19	20/23	25/28
Refrigerant type			R410A	R410A	R410A
Throttle type			EXV	EXV	EXV
Design pressure		MPa	4.5	4.5	4.5
Liquid pipe / Gas pipe		mm	Ø6.35/ Ø12.7	Ø6.35/ Ø12.7	Ø9.53/ Ø15.9
Connecting wire	Power wire	mm ²	2.5*2+2.5(L≤20m) 4*2+2.5(20m<L≤50m)	2.5*2+2.5(L≤20m) 4*2+2.5(20m<L≤50m)	2.5*2+2.5(L≤20m) 4*2+2.5(20m<L≤50m)
	Signal wire	mm ²	0.75*2 shield	0.75*2 shield	0.75*2 shield
Drainage water pipe (Outer diameter)		mm	Ø25	Ø25	Ø25
Controller	Standard		Wired controller	Wired controller	Wired controller
	Optional		Remote controller	Remote controller	Remote controller
Operation temp		°C	16~32	16~32	16~32

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2-DIMENSIONAL DRAWINGS - (MM)



Mode	Body dimension (mm)			Installation dimension (mm)		Air outlet dimension (mm)		Air inlet dimension (mm)	
	A	B	C	D	E	F	G	H	I
VELP008Q0A-GCV022	814	467	210	728	335	503	150	611	200
VELP010Q0A-GCV028	814	467	210	728	335	503	150	611	200
VELP012Q0A-GCV036	814	467	210	728	335	503	150	611	200
VELP015Q0A-GCV045	814	467	210	728	335	503	150	611	200
VELP019Q0A-GCV056	1010	467	210	928	335	705	150	811	200
VELP024Q0A-GCV071	1214	467	210	1128	335	905	150	1011	200