

OMEGA VRF High E.S.P. Ducted IDU

SUBMITTAL DATA

208-230V/1/50Hz

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

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

FEATURES

- Unit Mounted Drain Pump(Optional)
- High Static Pressure Design
- Water Overflow Protection
- Washable Filter
- Fan Motor Overload Protection
- Intelligent Drainage Device



1. Specifications

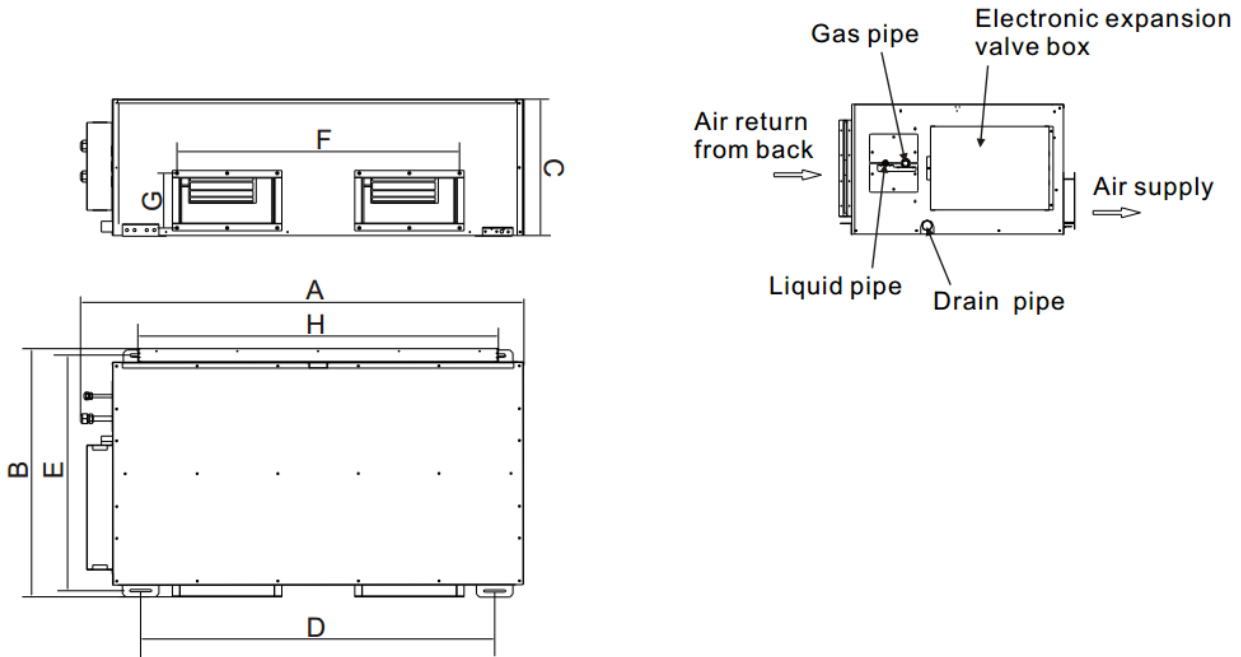
Model			VEHA070Q3A-GCV200	VEHA085Q3A-GCV250	VEHA096Q3A-GCV280
Power supply			220-240V/1PH/50Hz	220-240V/1PH/50Hz	220-240V/1PH/50Hz
Capacity	Cooling	kW	20	25	28
	Heating	kW	22.0	27.5	30.8
Power Input		kW	1.2	1.2	1.2
Fan motor	Model		YDK-300F-4P3 *2	YDK-300F-4P3 *2	YDK-300F-4P3 *2
	Type		AC	AC	AC
	Brand		Yongan	Yongan	Yongan
	Capacitor	μF	15+15	15+15	15+15
	Speed (Hi/Med/Low)	r/min	1050/920/820	1050/920/820	1050/920/820
	ESP	Pa	150	150	150
Indoor coil	Number of rows		4	4	4
	Fin type		Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum
	Tube diameter and type	mm	Ø9.52, Innergroove tube	Ø9.52, Innergroove tube	Ø9.52, Innergroove tube
Air flow (High speed)		m ³ /h	4000	4200	4400
Sound power level		dB(A)	45~53	45~54	45~55
Body	Dimension (W×H×D)	mm	1465×448×811	1465×448×811	1465×448×811
	Packing (W×H×D)	mm	1510×580×870	1510×580×870	1510×580×870
	Net/Gross weight	kg	102/113	102/113	102/113
Refrigerant type			R410A	R410A	R410A
Throttle type			EXV	EXV	EXV
Design pressure		MPa	4.5	4.5	4.5
Liquid pipe / Gas pipe		mm	Ø12.7/Ø22.2	Ø12.7/Ø22.2	Ø12.7/Ø22.2
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	Ø30	Ø30	Ø30
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:

- 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)

Models from VEHA076Q0A to VEHA096Q3A



Model	Body dimension(mm)			Installation dimension (mm)		Air outlet dimension (mm)		Air return dimension (mm)	
	A	B	C	D	E	F	G	H	I
VEHA070Q3A-GCV200	1465	811	448	1162	771	930	180	1174	272
VEHA085Q3A-GCV250	1465	811	448	1162	771	930	180	1174	272
VEHA096Q3A-GCV280	1465	811	448	1162	771	930	180	1174	272