

1. Specifications

Model		\	MOUA-96HD1N1-R
Power supply		V, Ph, Hz	380-415V~, 3Ph, 50Hz
Ambient temp in cooling		°C	-15~48
Ambient temp in heating		°C	-15~24
Rated input (Whole units)		W	11,700
Rated current (Whole units)		A	16
Compressor	Model	\	LNB53FCAMC
	Type	\	Rotary
	Brand	\	MITSUBISHI
	Quantity	\	1
	Capacity	kW	16.86
	Input	kW	5.2
	Crankcase heater	W	25
	Refrigerant oil type	\	FV50S
	Refrigerant oil charge	mL	1700 + 1500
Outdoor fan motor	Model	\	WZDK170-38G-1
	Type	\	DC
	Quantity	\	2
	Brand	\	Panasonic
	Insulation class	\	E
	Safe class	\	IP × 4
	Input	W	250(up)/185(down)
	Output	W	200(up)/150(down)
	Rated current	A	1.7(up)/1.4(down)
Outdoor fan	Material	\	Plastic
	Type	\	Axial fan
	Quantity	\	2
	Diameter	mm	560
	Height	mm	170
Outdoor coil	Number of rows	\	2
	Tube pitch(a)×row pitch(b)	mm	21 × 19.4
	Fin spacing	mm	1.5
	Fin type	\	Hydrophilic fin
	Tube outside diameter	mm	Φ7
	Tube type	\	Inner groove tube
	Length × height	mm	1080 × 756
	Number of circuits	\	18
Outdoor air flow		m ³ /h	9800
Sound pressure level		dB(A)	59
Outdoor unit	Net dimension(W×D×H)	mm	1120×1558×528
	Packing dimension(W×D×H)	mm	1270×1720×565
	Net/Gross weight	kg	148/164

Specification:

Refrigerant	Type	\	R410a
	Factory charged	kg	7.2
Throttle type		\	Electronic expansion valve
Design pressure (Hi/Lo)		MPa	4.4/2.6
Refrigerant piping	Liquid pipe	mm	Φ9.53
	Gas pipe	mm	Φ25.4

Note:

1. The nominal cooling capacity is based on the following conditions: Indoor temperature, 27°C DB, 19°C WB; Outdoor temperature, 35°C DB, 24°C WB.
2. The nominal heating capacity is based on the following conditions: Indoor temperature, 20°C DB, 15°C WB; Outdoor temperature, 7°C DB, 6°C WB
3. The noise is measured in the semi noise suppression lab.
4. Specifications are subject to change without prior notice for product improvement.

2. Dimension (Unit: mm)

