m-MOCU NEW

AIR-COOLED OUTDOOR UNIT FOR OUTDOOR INSTALLATION
TO BE COUPLED WITH IT COOLING INDOOR UNITS

MITSUBISHI ELECTRIC'S EXPERIENCE IN VRF APPLIED TO IT COOLING INFRASTRACTURES

BELL-MOUTH SHAPE DESIGNED PROPELLER FANS WITH INVERTER CONTROL BRUSHLESS DC MOTORS

BLDC SCROLL COMPRESSORS WITH INVERTER TECHNOLOGY TO PRODUCE THE EXACT OUTPUT NEEDED BY THE SYSTEM

MODULAR DESIGN AND REDUCED FOOTPRINT FOR ANY INSTALLATION REQUIREMENT

INCREASED PERFORMANCE

EXTREME RELIABILITY

LOW NOISE OPERATION

SUITABLE FOR LONG REFRIGERANT PIPE DISTANCE

Technical specifications CONDENSING UNITS

Outdoor Unit			1x m-MOCU-G02-050	2x m-MOCU-G02-050
Cooling Capacity	Total (1)	kW	50	50
	System EER (1)	kW/kW	2.96	3.24
Unit Electrical Data	Power input (1)	kW	15.2	13.7
Compressor		Nr.	1	2x 1
	Power input (1)	kW	14.3	2x 14.3
Condenser Fans		Nr.	2	2x 2
	Total air flow	m3/h	19.200	2x 19.200
	Power input	kW	2x 0.92	4x 0.92
	External static pressure	Pa	0	0
Sound Level Iso 3744	Pressure level (2)	dB(A)	65	68
Refrigerant Circuits		Nr.	**1**	**2x 1**
	Refrigerant type		R410A	R410A
	Pre-charged refrigerant	kg	11.8	2x 11.8
	F-GAS - CO_2 equivalent	t	24.63	2x 24.63
Refrigerant Piping	Max pipe length (from the outdoor unit to the farthest indoor unit)	m	165	165
	Max height difference (outdoor unit higher than indoor units)	m	50	50
	Max height difference (outdoor unit lower than indoor units)	m	40	40
Power Supply		V/Ph/Hz	**380-400-415 / 3+N / 50-60**	**380-400-415 / 3+N / 50-60**
Dimensions	Length	mm	1750	2x 1750
	Depth	mm	740	2x 740
	Height	mm	1650	2x 1650
Net Weight		kg	**304**	**2x 304**

1. Gross Value. Characteristics referred to room air temperature 35°C with 27%RH and external ambient air temperature 35°C. ESP=20Pa.
2. Gross Value. Characteristics referred to room air temperature 46°C with 16%RH and external ambient air temperature 35°C. ESP=20Pa.
3. Sound pressure level on air return at 1m.