

MULTIDENSITY

ACOUSTIC DATA – INDOOR UNIT

Acoustic data of the standard machine at full load working conditions.

WARNING:

In a closed room the noise produced by a sound source reaches the individual in two different ways:

- Directly.
- Reflected from the surrounding walls, floor, ceiling, from furniture.

With the same sound source, the noise produced in a closed room is greater than that produced outdoors. The sound pressure level generated by the source must in fact be added to the one reflected from the room. Also, the shape of the room affects the sound.

MODEL		009	015	025
SOUND LEVEL ISO 3744 (1)				
Sound pressure	dB(A)	63.5	64.5	70.5
Sound power	dB(A)	79.0	80.0	86.0

1. Noise pressure level at 1 meter in free field – ISO 3744.

ACOUSTIC DATA – OUTDOOR UNIT

Acoustic data of the standard machine at full load working conditions.

MODEL		1x 050	2x 050
SOUND LEVEL ISO 3744 (1)			
Sound pressure	dB(A)	65	68

1. Noise pressure level at 1 meter in free field – ISO 3744.

ELECTRICAL DATA

INDOOR UNIT

MODEL		009	015	025
Power supply		230/1/50-60	230/1/50-60	230/1/50-60
Starting current (SA)	A	3.0	5.9	7.4
MAX ABSORBED CURRENT (FLA)				
Only cooling	A	3.0	5.9	7.4
Cooling + Heating	A	13.4	16.3	23.1
Cooling + Humidifier	A	12.8	15.7	17.2
Cooling + Heating + Humidifier	A	23.2	26.1	32.9
Cooling + Heating oversized	A	18.7	21.6	28.3
Cooling + Heating oversized + Humidifier	A	28.5	31.4	38.1

OUTDOOR UNIT – Single unit

MODEL		m-MOCU-G2-050		
Power supply		380 V 3+N/50-60	400 V 3+N/50-60	415 V 3+N/50-60
RATED INPUT	kW	16.0	16.0	16.0
RATED CURRENT	A	27.0	25.6	24.7
MAX CURRENT	A	37.6	37.6	37.6

OUTDOOR UNIT – Two units running in parallel

MODEL		2x m-MOCU-G2-050		
Power supply		380 V 3+N/50-60	400 V 3+N/50-60	415 V 3+N/50-60
RATED INPUT	kW	13.7	13.7	13.7
RATED CURRENT	A	23.5	22.0	21.5
MAX CURRENT (for each outdoor unit)	A	37.6	37.6	37.6

Each outdoor unit must be power by a dedicated power line, sized following the electrical characteristics indicated in the "Outdoor unit – Single unit" table

Outdoor units operate in parallel at partial load for higher efficiency. In case of failure of one outdoor unit, the other one switches to operation at full load.