Technical Data Sheet
0532 288 08 77 · 0546 650 06 11
Technical support: 0546 650 06 11

M800

The Humidity Beast. 2025 new system with auto-speed radial fans, built for long rooms.



800 L
dehumidifying capacity per 24 h

8 HP / 6 kW
Compressor power

100,000 BTU/h
Heating capacity

6 × 10 m
Recommended room size

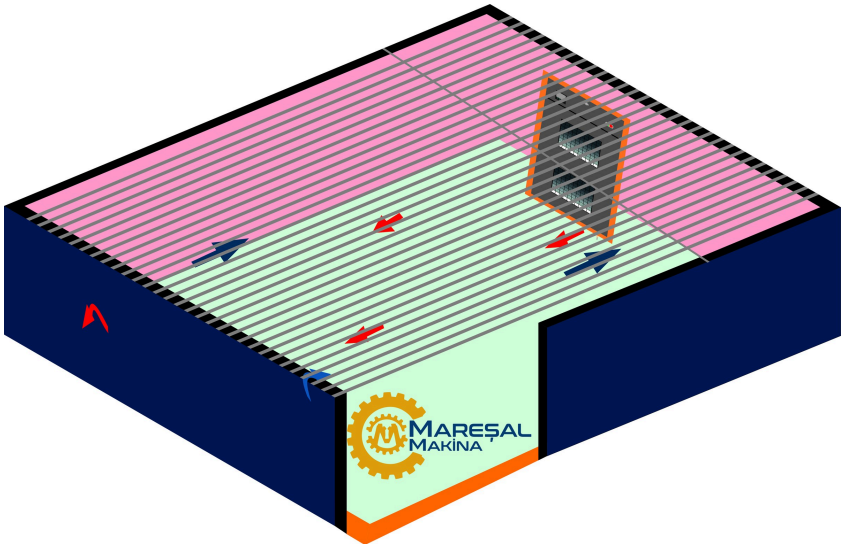
300 kg
Weight

TECHNICAL SPECIFICATIONS

Dehumidifying capacity	800 litres / 24 h
Compressor power	8 HP / 6 kW
Heating capacity	100,000 BTU/h
Current draw	16 A
Power supply	380 V / 3 phase / 50 Hz
Weight	300 kg
Dimensions	148 × 70 × 98 cm (H × W × D)
Refrigerant	R-407C
Compressor type	Scroll
Defrost	Automatic
Max. heating	45 °C
Operating temperature	5 – 50 °C
Humidity range	0 – 99 %
Noise level	72 – 79 dB
Filter	Washable cassette dust filter

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CARPET DRYING ROOM LAYOUT



6 m Room width	**10 m** / 13 m Room length (long room: 13 m)	**2,20 m** Ceiling height	**13 cm** Hanger bar spacing

The room must be fully insulated and airtight. Arrows show the air circulation created by the machine.

KEY FEATURES

- Scroll compressor
- Auxiliary liquid receiver
- Danfoss valve
- 4-way reversing valve
- Low-pressure switch
- Gas filter drier
- Fully automatic operation
- Automatic defrost
- Auto-speed radial fans
- Humidity sensor + timer — runs indexed to humidity and time
- Fully protected electrical panel: phase protection relay, motor thermal protection, time relays, auxiliary contacts, circuit breaker
- Anti-bacterial steel dust guard at the rear

INSTALLATION AND USE

1. Connect the power supply to phases R-S-T-N.
2. Never run the machine on a plug. Install a 32 A or 40 A three-pole fuse outside the room and feed the machine from there with a 4×5 cable.
3. On start-up, the phase protection relay must show ON and AUT. If ON blinks and AUT stays off, swap the phase order on the supply line.
4. Keep at least 40 cm between the back of the machine and the wall.
5. Never operate without the dust filter; clean it regularly.
6. Clean the rear radiator coils once a week.
7. In winter, start the machine at around +15 °C room temperature.
8. Do not change the factory settings.
9. Electrical and mechanical parts may only be serviced by authorised personnel.

The manufacturer is not liable for problems arising from the electrical installation or transport.