

M9L Desiccant dehumidifier with air-cooled condenser



Product description

The M9L desiccant dehumidifier with air cooled condenser is designed to efficiently dehumidify in unheated closed spaces using minimal energy.

The wet air from the dehumidifier is passed through the air cooled condenser and then returned to the rotor in a closed loop circuit. The components within the closed loop are constructed of stainless steel and thermoset plastic.

Water removed by the condenser is drained away. The heat from the air cooled condenser is then used in the application. Its rugged formed metal frame and access panels are produced from stainless steel.

The electrical control system conforms to EN 60204 (IEC204) standards. The M9L conforms to both harmonised European Standards and to CE marking specifications.

Munters rotor technology

All Munters dehumidifiers are based on the rotor technology specially developed by Munters, which provides high moisture-absorbing capacity. The flexible design and good performance of the rotor mean that there are almost no limits to its areas of use.

PRODUCT INFORMATION

M9L

Features

- Desiccant dehumidification – dehumidifies efficiently, even at low temperatures.
- Heat recovery – condenser heat available for use in the application.
- Closed looped reactivation circuit—no wet air duct connection needed.
- Easy-to-use control panel.
- Humidistat plug with low voltage—easy installation without a qualified electrician.

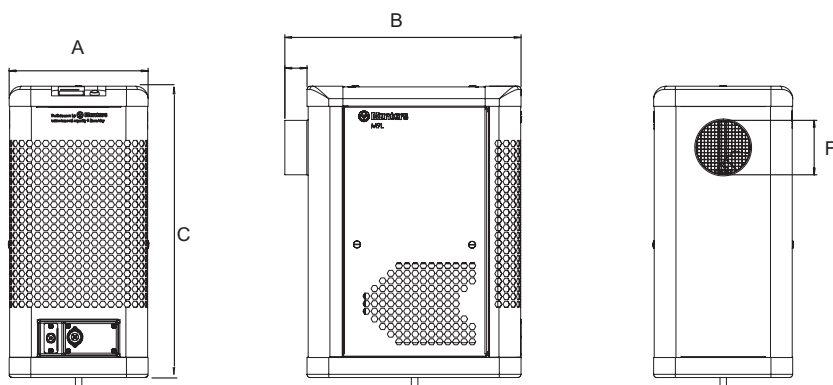


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Model M9L

Diagram measurements are for reference only.



Width (A)	Depth (B)	Height (C)	Dry air (F)	Weight
256 mm	436 mm	535 mm	100 mm	20 kg

Technical Specification

Process air

Rated airflow (m ³ /h)	120
Available static pressure (Pa)	-

Condenser air

Rated airflow (m ³ /h)	140
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Total power, voltage and current (amps/phase)

Total power(kW)	1,01
230V 1-50Hz (A)	4,4

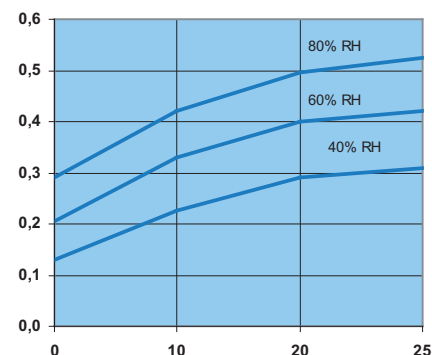
Miscellaneous data

Operating temperature (°C)	0/+25
Max noise level unducted (dBA)	64
Air filter standard	G3
IEC protective class (unit)	IP33

Dehumidification Capacity

Approximate capacity 9 kg/24h at 20°C 60% RH.

Dehumidification Capacity, kg/h



Process Air Temperature, °C

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