

# MH270

## Desiccant Dehumidifier



### Product Description

The MH270 desiccant dehumidifier is designed to efficiently dehumidify air. It is designed for extended periods of operation and has a common fan for both process and reactivation airflows (i.e. a three hole unit). It contains a distribution chamber with isolated sections that provide a precise balance for dehumidification, purge, reactivation, and heat recovery airflows. It is available with either a standard version or an advanced version control panel. Its rugged formed metal frame and access panels are produced from corrosion resistant ALUZINK®. The electrical control system conforms to EN 60204 (IEC204) standards and the electrical components are assembled behind the control panel. MH Series dehumidifiers conform to both harmonised European Standards and to CE marking specifications.

### Munters Rotor Technology

The desiccant rotor is manufactured from a corrugated composite material that is highly effective at attracting and holding water vapour. Every Munters dehumidifier applies a unique rotor technology. Airflows, air conditions, rotor sections, and rotor rotation speeds are optimised for specific applications. An innovative control system maximises the units energy efficiency. A characteristic of the MH Series rotor technology is two extra rotor sectors which provide high capacity, while simultaneously recovering heat, thereby effectively reducing the electrical power requirement.

### PRODUCT INFORMATION

## MH270

### Features

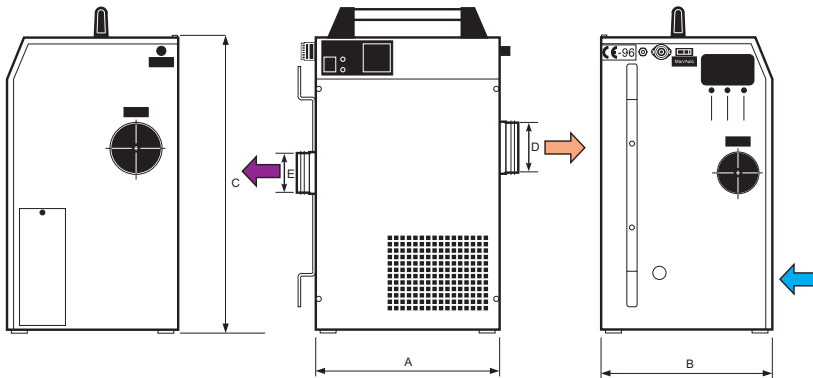
- Dehumidifies efficient down to -20°C.
- Requires minimal floor area.
- Easy to carry.
- Airflow test points - reliable adjustment.
- Advanced control panel as option - monitors system operation status and remote alarm.



## Model MH270

Diagram measurements are for reference only.

Scaled and dimensioned AutoCad drawings are available in Munters DryCap program.



Width (A)	Depth (B)	Height (C)	Diam. (D)	Diam. (E)	Weight
355 mm	335 mm	565 mm	100 mm	80 mm	22 kg

## Technical Specification

### Process air

Rated airflow (m <sup>3</sup> /h)	270
Reduced airflow (m <sup>3</sup> /h)	185
Available static pressure (Pa)	190

### Reactivation air

Reduced airflow (m <sup>3</sup> /h)	80
Available static pressure (Pa)	175

### Total power, voltage and current (amps/phase)

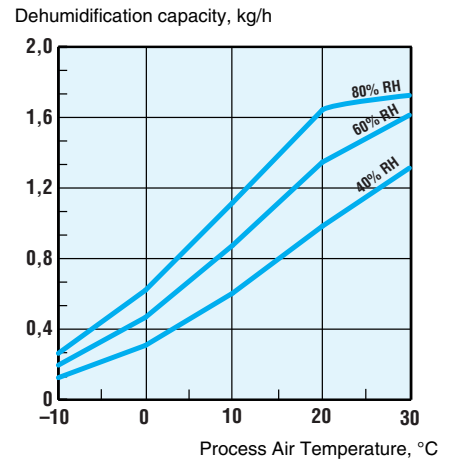
Total power(kW)	1,96
230V 1-50Hz (A)	8,5
240V 1-50Hz (A)	8,5

### Miscellaneous data

Operating temperature (°C)	-20/+40
Max noise level unducted (dBA)	53,5
Air filter standard	G3
IEC protective class (unit)	IP44
IEC protective class (electrical panel)	IP54

## Dehumidification capacity

Approximate capacity in kg/h at different inlet process air relative humidity, % RH.



## Options

- Electromechanical humidistat
- Stainless steel sheet metal casing

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