

## Product sheet

# Munters ML270

## Desiccant dehumidifier



### Features

- Requires minimal floor area
- Unique plastic rotor casing 100% corrosion resistance
- Dehumidifies efficient down to -20°C
- Dehumidifies to low dewpoint
- Interchangeable front and back panels – easier to install
- Remote monitoring and control

The ML270 desiccant dehumidifier is designed to efficiently dehumidify in low moisture applications. It is equipped with an internally sealed rotor unit.

The rotor casing is constructed of durable thermoset plastic and contains isolated sections that provide a precise balance for dehumidification, reactivation, and heat recovery airflows. Its rugged formed metal frame and access panels are produced from corrosion resistant materials.

The electrical components are mounted on busbars and are constructed of halogen-free plastic. The electrical system is designed for up to 690V and 60°C.

A characteristic of the ML Series rotor technology is an extra rotor sector which provides high capacity, while simultaneously recovering heat, thereby effectively reducing the electrical power requirement.

The ML Series dehumidifiers conforms to CE marking specifications, RoHS and to the below EU standards:

- EU 60204-1:2018
- EU 61000-6:2019
- EN IEC 61000-6-3:2021

# Munters ML270

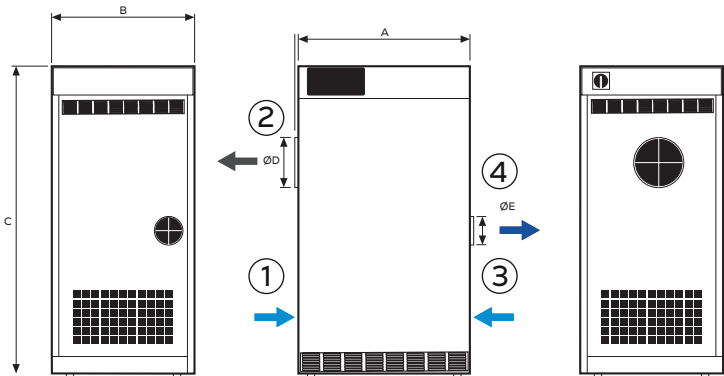
## Desiccant dehumidifier

### Dimensions

A: Width	513 mm
B: Depth	410 mm
C: Height	1010 mm
D: Diameter	160 mm
E: Diameter	100 mm
Weight	58 kg

- 1. Process air
- 2. Dry air
- 3. Reactivation air
- 4. Wet air

Measurement diagram for reference only.



### Technical specifications

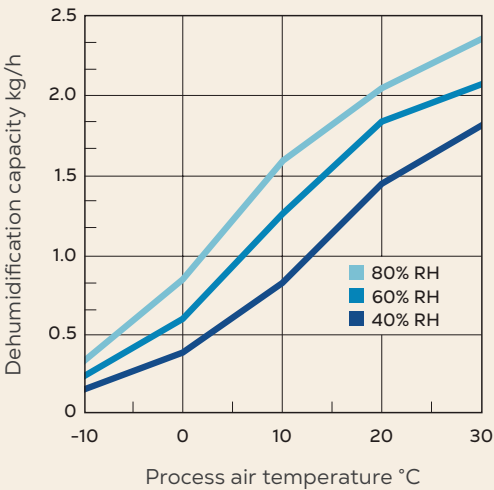
Process air		
Rated airflow	(m³/h)	270
Available static pressure	(pa)	200
Reactivation air		
Rated airflow	(m³/h)	99
Available static pressure	(pa)	200
Miscellaneous data		
Operating temperature	(°C)	-20/+40
Sound power level Lw(A) dB, all inlets and outlets ducted	(A)	79
Air filter standard	-	G3
IEC protective class (unit)	-	IP33
IEC protective class (electrical panel)	-	IP54

Total power voltage & current (amps & phase)		
Total power	(kW)	3.06
220V 3-50Hz	(A)	8.5
220V 3-60Hz	(A)	8.5
230V 3-50Hz	(A)	8.2
230V 3-60Hz	(A)	8.1
380V 3-50Hz	(A)	5.0
380V 3-60Hz	(A)	5.0
400V 3-50Hz	(A)	4.7
415V 3-50Hz	(A)	4.6
440V 3-60Hz	(A)	4.3
460V 3-60Hz	(A)	4.1
480V 3-60Hz	(A)	4.0

### Options

- Hours run counter (monitors the number of hours the system is operational)
- Humidity control system with alarm and display (refer to the RH98 product data sheet)
- Stainless steel sheet metal casing
- AirC Wireless
- AirC Connect

### Dehumidification capacity



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