

## Product sheet

# Munters ML1100

## Desiccant dehumidifier with AirC 800



### Features

- Modern AirC 800 control system
- Small footprint requires minimal floor area
- High airflow capacity
- Minimal energy consumption
- Unique plastic rotor casing is 100% corrosion resistant
- Dehumidifies efficient down to -20°C
- Communication and external control options
- Remote monitoring and control

The ML1100 desiccant dehumidifier with AirC 800 control 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 modern control system is equipped with a number of alarm functions to ensure total control of the dehumidification process.

The ML1100 dehumidifiers conforms to UL and CE marking specifications, RoHS and to the below standards:

- EU 60204-1:2018
- EU 61000-6:2019
- EN IEC 61000-6-3:2021
- UL 60335-2-40
- CSA C22.2#60335-2-40

# Munters ML1100

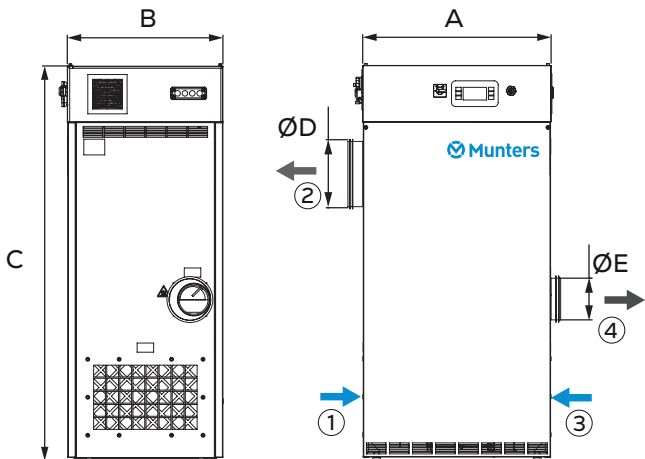
## Desiccant dehumidifier with AirC 800

### Dimensions, mm/kg [inch/lb]

A: Width	720	[29]
B: Depth	600	[24]
C: Height	1510	[59.5]
D: Diameter	250	[9.8]
E: Diameter	160	[6.3]
Weight	169	[373]

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

Measurement diagram for reference only.



### Technical specifications

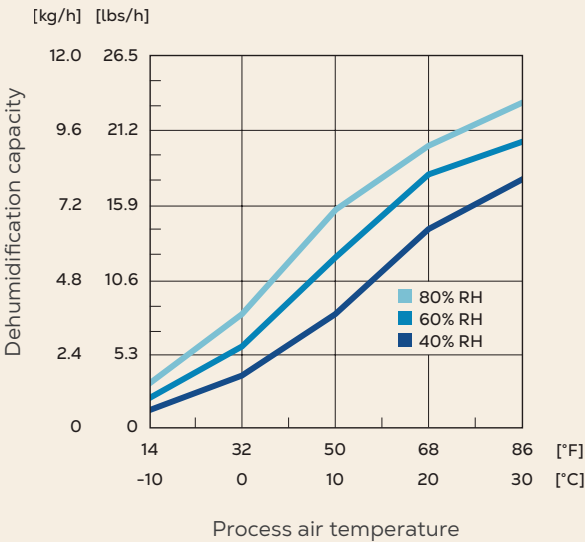
Process air		
Rated airflow	1100 m³/h	647 CFM
Available static pressure	300 pa	300 pa
Reactivation air		
Rated airflow	408 m³/h	240 CFM
Available static pressure	300 pa	300 pa
Miscellaneous data		
Operating temperature	-20/+40°C	-13/+104°F
Sound power level to room Lw(A) dB, all inlets and outlets ducted	72 dBA	72 dBA
Air filter standard	G4	G4
IEC protective class (unit)	IP33	IP33
IEC protective class (electrical)	IP54	IP54

Total power voltage & current (amps & phase)		
Total power, electrical	12.75 kW	12.75 kW
380V 3-50Hz	20.8 A	20.8 A
380V 3-60Hz	21.0 A	21.0 A
400V 3-50Hz	20.2 A	20.2 A
415V 3-50Hz	19.8 A	19.8 A
440V 3-60Hz	18.6 A	18.6 A
460V 3-60Hz	18.0 A	18.0 A
480V 3-60Hz	17.6 A	17.6 A

### Options

- Communication via Modbus, BACnet
- Dewpoint sensor
- External controls
- External filter box M5 or F7
- Insulated process air inlet
- Mirror handed
- Stainless steel casing
- AirC Wireless
- AirC Connect

### Dehumidification capacity



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