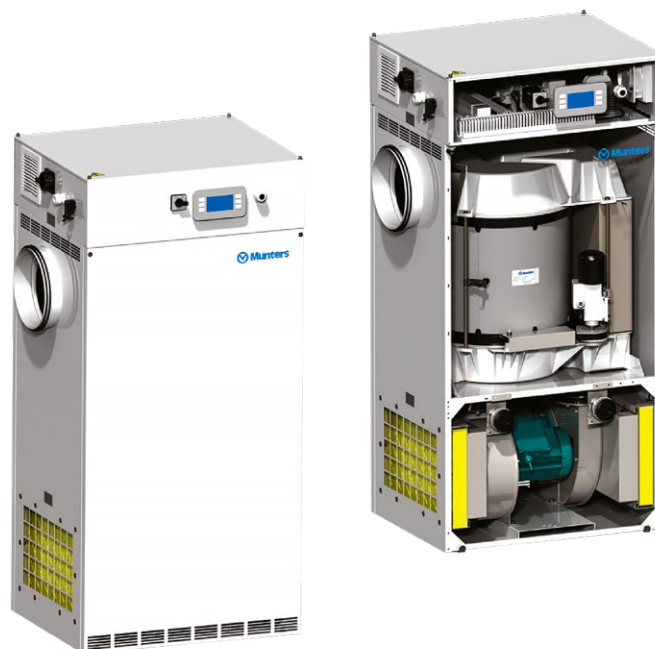


Product sheet

Munters ML420

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 ML420 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 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 ML420

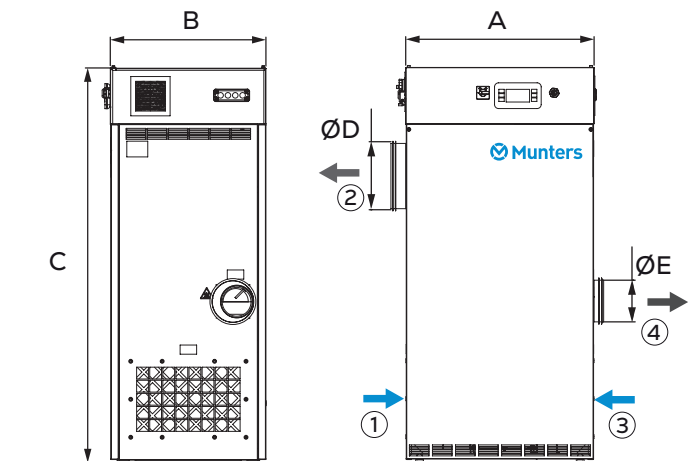
Desiccant dehumidifier with AirC 800

Dimensions

A: Width	720 mm
B: Depth	600 mm
C: Height	1310 mm
D: Diameter	160 mm
E: Diameter	100 mm
Weight	141 kg

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

Measurement diagram for reference only.



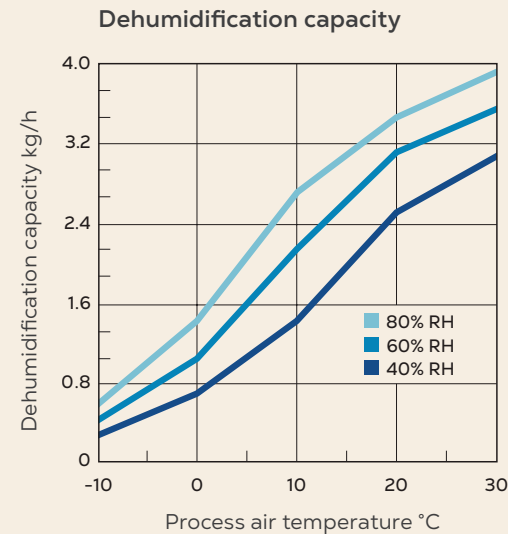
Technical specifications

Process air		
Rated airflow	(m³/h)	420
Available static pressure	(pa)	200
Reactivation air		
Rated airflow	(m³/h)	155
Available static pressure	(pa)	200
Miscellaneous data		
Operating temperature	(°C)	-20/+40
Sound power level to room Lw(A) dB, all inlets and outlets ducted	-	66
Air filter standard	-	G4
IEC protective class (unit)	-	IP33
IEC protective class (electrical)	-	IP54

Total power voltage & current (amps & phase)		
Total power, electrical	(kW)	4.57
200V 3-50Hz	(A)	14.9
200V 3-60Hz	(A)	14.9
220V 3-50Hz	(A)	12.6
220V 3-60Hz	(A)	12.6
230V 3-50Hz	(A)	12.1
230V 3-60Hz	(A)	12.1
380V 3-50Hz	(A)	7.3
380V 3-60Hz	(A)	7.3
400V 3-50Hz	(A)	7.0
415V 3-50Hz	(A)	6.7
440V 3-60Hz	(A)	6.4
460V 3-60Hz	(A)	6.1
480V 3-60Hz	(A)	5.9

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



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