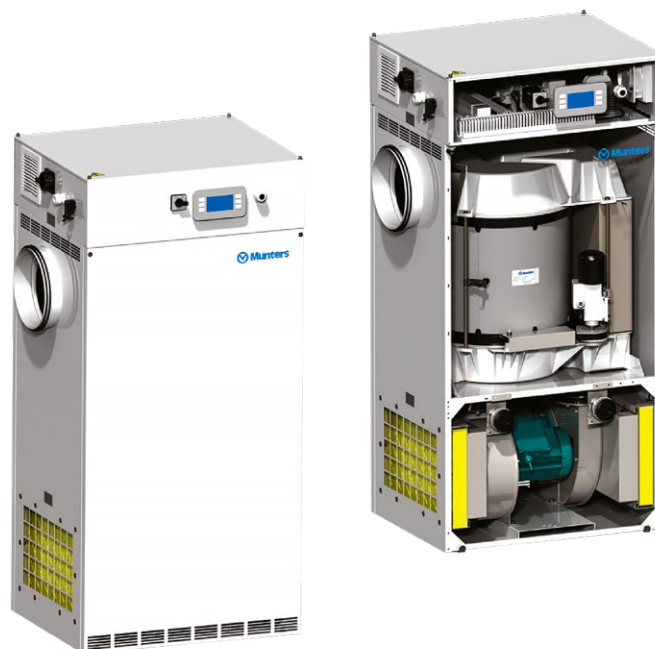


Product sheet

Munters MLT1400

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 MLT1400 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 MLT1400 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 MLT1400

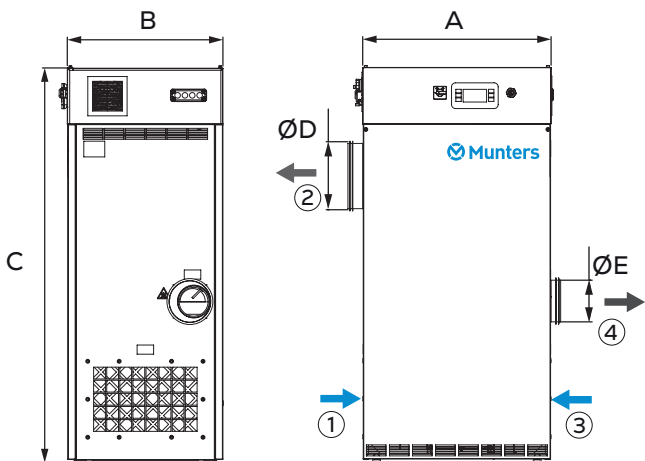
Desiccant dehumidifier with AirC 800

Dimensions, mm/kg [inch/lb]

A: Width	720	[29]
B: Depth	600	[24]
C: Height	1410	[55.5]
D: Diameter	200	[7.9]
E: Diameter	125	[4.9]
Weight	159	[351]

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

Measurement diagram for reference only.



Technical specifications

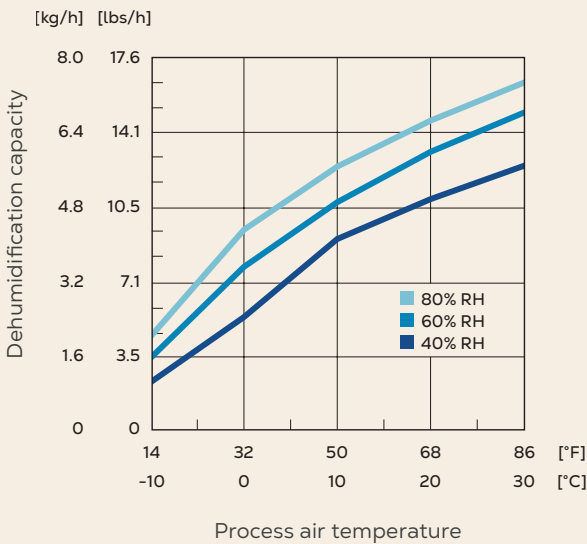
Process air		
Rated airflow	1400 m³/h	824 CFM
Available static pressure	300 pa	300 pa
Reactivation air		
Rated airflow	254 m³/h	149 CFM
Available static pressure	300 pa	300 pa
Miscellaneous data		
Operating temperature	-20/+40°C	-13/+104°F
Sound power level to room Lw(A) dB, all inlets and outlets ducted	71 dBA	71 dBA
Air filter standard	G3	G3
IEC protective class (unit)	IP33	IP33
IEC protective class (electrical)	IP54	IP54

Total power voltage & current (amps & phase)		
Total power, electrical	8.37 kW	8.37 kW
380V 3-50Hz	14.1 A	14.1 A
380V 3-60Hz	14.2 A	14.2 A
400V 3-50Hz	13.8 A	13.8 A
415V 3-50Hz	13.5 A	13.5 A
440V 3-60Hz	12.7 A	12.7 A
460V 3-60Hz	12.4 A	12.4 A
480V 3-60Hz	12.2 A	12.2 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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