

Product sheet

Munters ML23

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 ML23 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. ML23 can be delivered with 3 different reactivation alternatives – electricity, steam or gas.

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

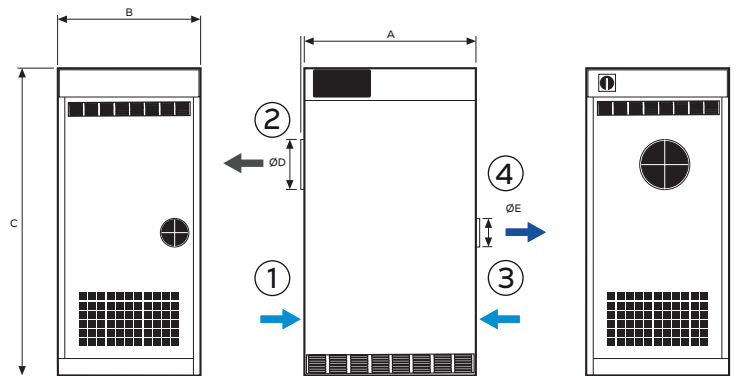
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Dimensions

A: Width	1200 mm
B: Depth	870 mm
C: Height	1800 mm
D: Diameter	315 mm
E: Diameter	200 mm
Weight	320 kg

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



Measurement diagram for reference only.

Technical specifications

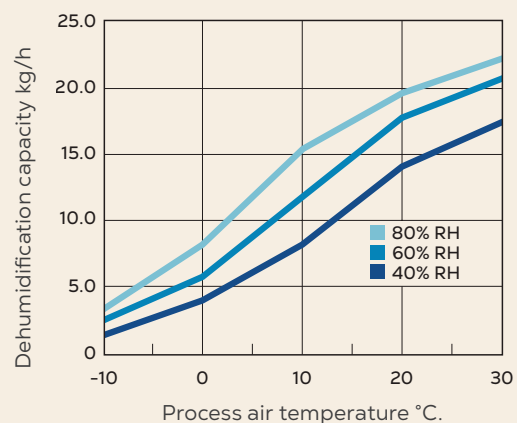
Process air		
Rated airflow	(m ³ /h)	2300
Available static pressure	(pa)	300
Reactivation air		
Rated airflow	(m ³ /h)	850
Available static pressure	(pa)	300
Miscellaneous data		
Operating temperature	(°C)	-20/+40
Sound power level to room Lw(A) dB, all inlets and outlets ducted	-	76
Air filter standard	-	G3
IEC protective class (unit)	-	IP33
IEC protective class (electrical)	-	IP44

Total power voltage & current (amps & phase)		
Total power, electrical (50Hz)	(kW)	28.9
Total power, electrical (60Hz)	(kW)	29.6
Total power, steam/gas (50Hz)	(kW)	4.3
Total power, steam/gas (60Hz)	(kW)	5.0
380V 3-50Hz electrical	(A)	47.1
380V 3-50Hz steam/Gas	(A)	10.7
400V 3-50Hz electrical	(A)	45.3
400V 3-50Hz steam/Gas	(A)	10.7
415V 3-50Hz electrical	(A)	44.0
415V 3-50Hz steam/Gas	(A)	10.7
440V 3-60Hz electrical	(A)	41.9
440V 3-60Hz steam/Gas	(A)	10.6
Steam consumption	(g/s)	12.0
Max steam working pressure (bar)	(g)	5.0
Gas consumption	(m ³ /h)	2.2
Natural gas pressure	(mbar)	20-30
Max sulphur content HPS Rotor	(ppm)	30.0

Options

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

Dehumidification capacity



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