

Product sheet

Munters MLT1400

Desiccant dehumidifier
with AirC 400



Features

- Effective dehumidification from -20°C to $+40^{\circ}\text{C}$
- Energy-saving with built-in heat recovery
- Sealed heat-resistant rotor housing in thermoset plastic
- Dehumidifies to low dew points
- Easy to install
- Advanced control panel with diagnostic error indication
- Remote monitoring and control

Taking dehumidifiers into the future

For over half a century, Munters has been the leading pioneer within humidity control, and we're just getting started.

The MLT1400 desiccant dehumidifier with Munters AirC 400 is designed to efficiently dehumidify large air flows using very little energy. The closed rotor unit has sealed rotor housings made of thermoset plastic for air treatment. Isolated sectors balance dehumidification, regeneration, and heat recovery airflows. Its rugged formed metal frame and access panels are produced from corrosion resistant materials, meeting EN 60204 (IEC204) standards for electrical equipment.

Munters AirC 400 is a future-proof control system designed by Munters and provides flexibility and functionality like no other. It ensures your dehumidifier operates at its most energy efficient, and features advanced sensing, multiple communication support and alarm handling.

This technology represents 60 years of innovation and application knowledge for perfect 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 MLT1400

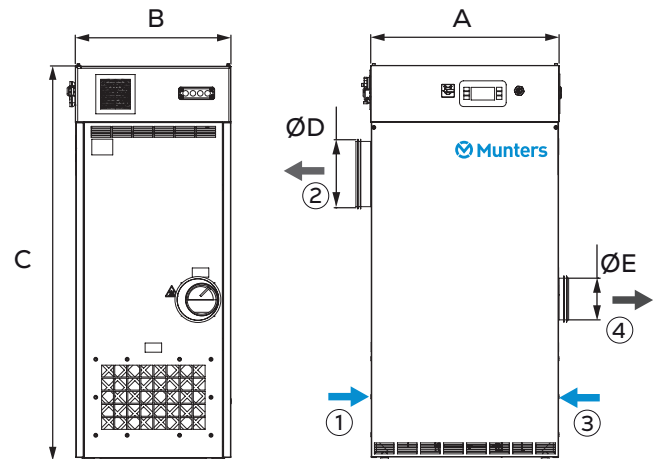
Desiccant dehumidifier with AirC 400

Dimensions

A: Width	715 mm
B: Depth	590 mm
C: Height	1410 mm
D: Diameter	200 mm
E: Diameter	125 mm
Weight	143 kg

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

Measurement diagram for reference only.



Technical specifications

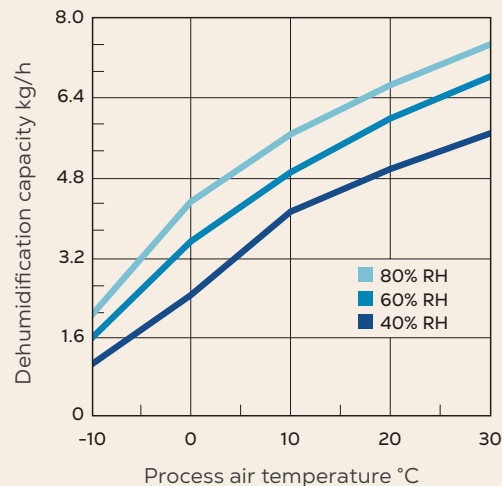
Process air		
Rated airflow	(m ³ /h)	1400
Available static pressure	(pa)	300
Reactivation air		
Rated airflow	(m ³ /h)	254
Available static pressure	(pa)	300
Miscellaneous data		
Operating temperature	(°C)	-20/+40
Sound power level to room Lw(A) dB, all inlets and outlets ducted	-	71
Air filter standard	-	G3
IEC protective class (unit)	-	IP33
IEC protective class (electrical)	-	IP54

Total power voltage & current (amps & phase)		
Total power, electrical	(kW)	8.37
220V 3-50Hz	(A)	24.3
220V 3-60Hz	(A)	24.6
230V 3-50Hz	(A)	24.0
230V 3-60Hz	(A)	23.9
380V 3-50Hz	(A)	14.1
380V 3-60Hz	(A)	14.2
400V 3-50Hz	(A)	13.8
415V 3-50Hz	(A)	13.5
440V 3-60Hz	(A)	12.7
460V 3-60Hz	(A)	12.4
480V 3-60Hz	(A)	12.2
500V 3-50Hz	(A)	10.8

Options

- Hour counter indicating the number of hours the unit has been in operation
- Blocked filter alarm
- Rotor stop alarm
- Electronic humidity control system with alarm and display (see RH98 product data sheet)
- Air-cooled condenser (see product data sheet for MLT1400L)
- The dehumidifier can also be delivered with a brushed stainless steel housing (SS 2333)
- Condenser
- AirC Wireless
- AirC Connect

Dehumidification capacity



Munters MLT1400-L

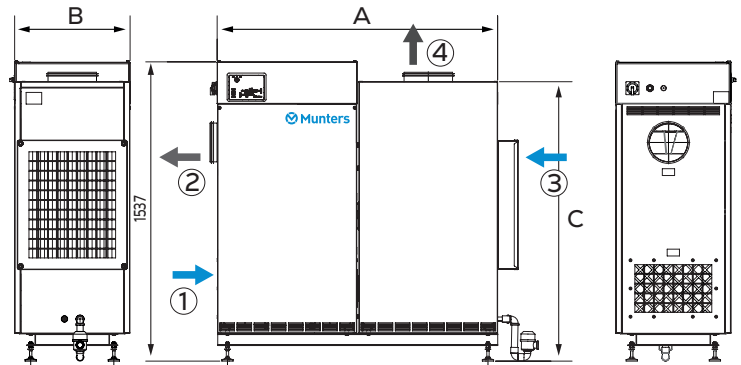
Desiccant dehumidifier with air cooled condenser

Dimensions

A: Width	1141 mm
B: Depth	593 mm
C: Height	1537 mm
Weight	266 kg

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

Measurement diagram for reference only.



Technical specifications

Process air		
Rated airflow	(m ³ /h)	1400
Available static pressure	(pa)	300
Reactivation air		
Rated airflow	(m ³ /h)	254
Condenser air		
Rated airflow	(m ³ /h)	1000
Available static pressure	(pa)	150
Fan motor power	(kW)	0.5
Heater power	(kW)	0.38

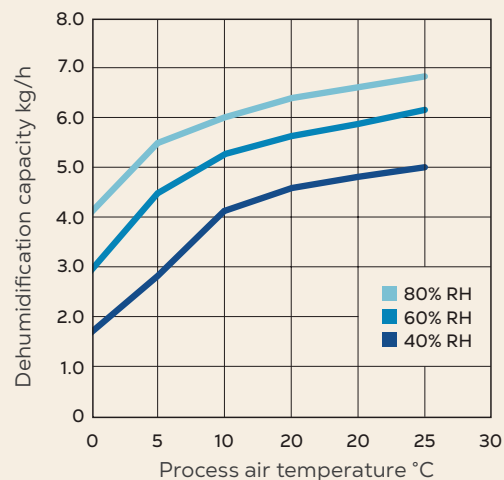
Total power voltage & current (amps & phase)		
Total power	(kW)	9.35
220V 3-50Hz	(A)	29.1
230V 3-50Hz	(A)	28.1
380V 3-50Hz	(A)	18.6
400V 3-50Hz	(A)	18.1
415V 3-50Hz	(A)	17.8
Miscellaneous data		
Operating temperature	(°C)	+0/+25
Sound power level Lw Process air inlet connected, cooling air inlet not connected	(A)	75
Air filter standard	-	G4
IEC protective class	-	IP44

Options

- Hours run counter
- Blocked filter alarm
- Rotor stopped alarm
- Humidity control system with alarm and display
- AirC Wireless
- AirC Connect

Refer to the RH98 product data sheet

Dehumidification capacity



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