

Product sheet

# Munters MLT1400

Desiccant dehumidifier  
with AirC



## Features

- Effective dehumidification from  $-20^{\circ}\text{C}$  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

## 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 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. The dehumidifier body and panels are oven-cured Aluzink® for strength and corrosion protection, meeting EN 60204 (IEC204) standards for electrical equipment.

Munters AirC 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.

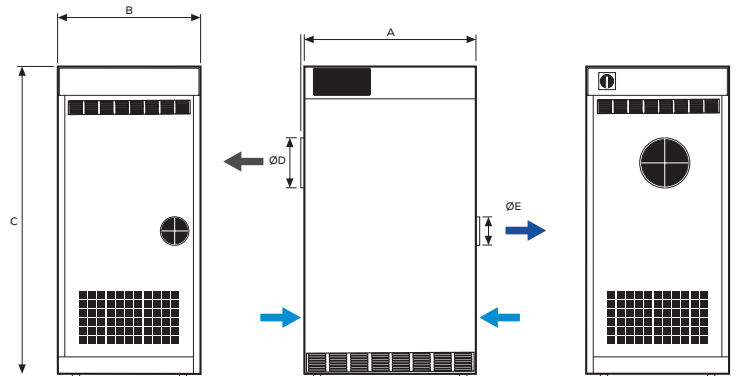
# Munters MLT1400

## Desiccant dehumidifier with AirC

### Dimensions

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

Measurement diagram for reference only.



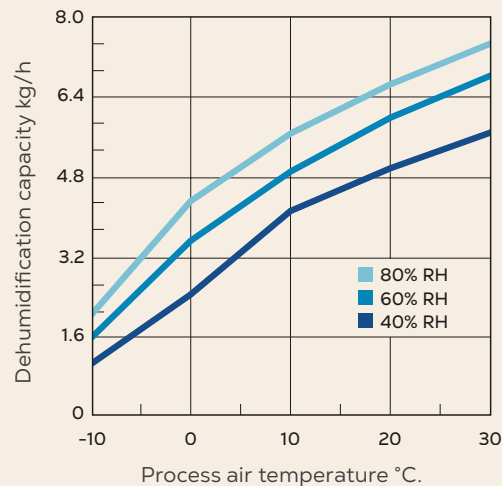
### Technical specifications

Process air		
Rated airflow	(m <sup>3</sup> /h)	1400
Available static pressure	(pa)	300
Reactivation air		
Rated airflow	(m <sup>3</sup> /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)



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