Product sheet

Munters MLT800

Desiccant dehumidifier with AirC 400

Features

→ Advanced control panel – diagnostic fault display

→ High airflow capacity

→ Minimal energy consumption

→ Unique plastic rotor casing is 100% corrosion-resistant

→ Efficiently dehumidifies down to -20°C

→ Easy-to-install interchangeable front and back panels

→ 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 MLT800 desiccant dehumidifier with Munters AirC 400 is designed to designed to efficiently dehumidify high airflow applications using minimal energy. It features an internally sealed rotor unit with a durable thermoset plastic casing. The casing has isolated sections for precise balance in dehumidification, reactivation, and heat recovery airflows. Its rugged formed metal frame and access panels are produced from corrosion resistant materials.

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 sensoring, 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
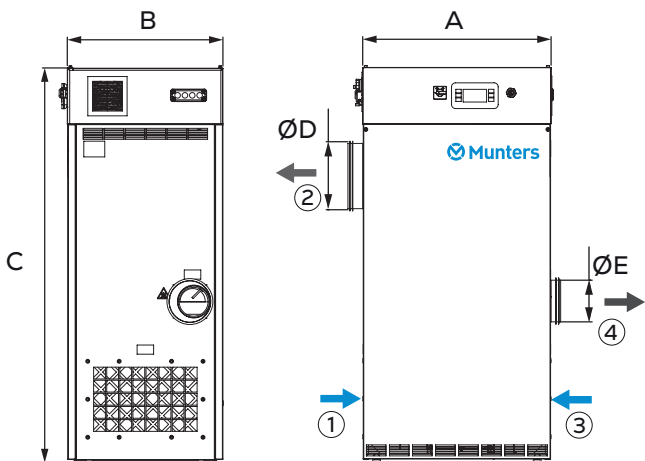- EN IEC 61000-6-3:2021

Munters MLT800

Desiccant dehumidifier with AirC 400

Dimensions

A: Width	715 mm
B: Depth	590 mm
C: Height	1310 mm
D: Diameter	160 mm
E: Diameter	100 mm
Weight	125 kg

Measurement diagram for reference only.

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

Technical specifications

Process air		
Rated airflow	(m³/h)	800
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	-	67
Air filter standard	-	G3
IEC protective class (unit)	-	IP33
IEC protective class (electrical)	-	IP54

Total power voltage & current (amps & phase)		
Total power, electrical	(kW)	5.12
220V 3-50Hz	(A)	14.9
220V 3-60Hz	(A)	15.4
230V 3-50Hz	(A)	14.9
230V 3-60Hz	(A)	15.0
380V 3-50Hz	(A)	8.6
380V 3-60Hz	(A)	8.9
400V 3-50Hz	(A)	8.5
415V 3-50Hz	(A)	8.4
440V 3-60Hz	(A)	7.8
460V 3-60Hz	(A)	7.6
480V 3-60Hz	(A)	7.5
500V 3-50Hz	(A)	6.9

Options

→ Hours run counter (monitors the number of hours the system is operational)

→ Blocked filter alarm

→ Rotor stopped alarm

→ Humidity control system with alarm and display (refer to the RH98 product data sheet)

→ Air cooled condenser (refer to the MLT800L product data sheet)

→ Stainless steel sheet metal casing

→ Condenser

→ AirC Wireless
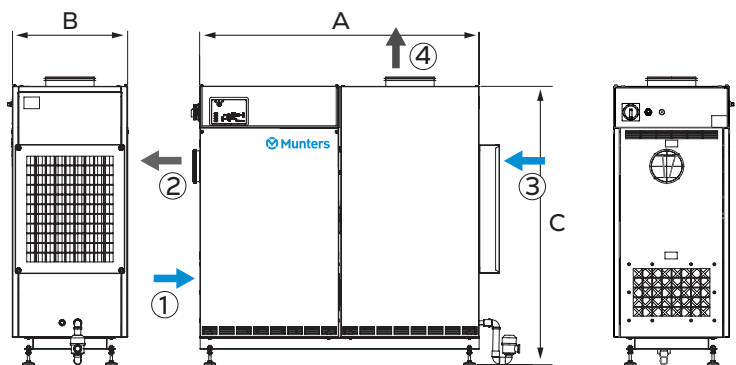
→ AirC Connect

Dehumidification capacity

Dehumidification capacity kg/h vs Process air temperature °C

- 80% RH
- 60% RH
- 40% RH
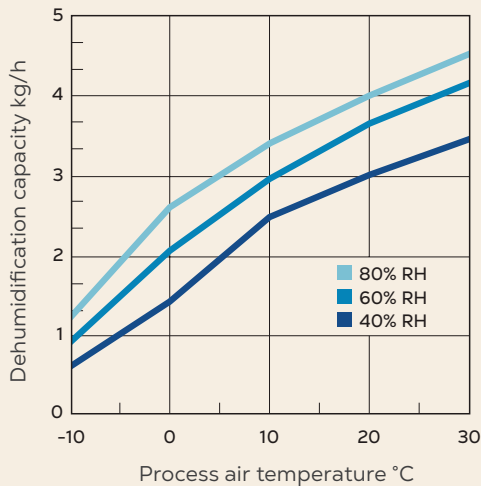
Munters MLT800-L

Desiccant dehumidifier with air cooled condenser

Dimensions

A: Width	1141 mm
B: Depth	593 mm
C: Height	1435 mm
Weight	248 kg

Measurement diagram for reference only.

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

Technical specifications

Process air		
Rated airflow	(m³/h)	800
Available static pressure	(pa)	200
Reactivation air		
Rated airflow	(m³/h)	155
Condenser air		
Rated airflow	(m³/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)	6.1
220V 3–50Hz	(A)	19.8
230V 3–50Hz	(A)	19.4
380V 3–50Hz	(A)	13.4
400V 3–50Hz	(A)	13.1
415V 3–50Hz	(A)	12.9
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
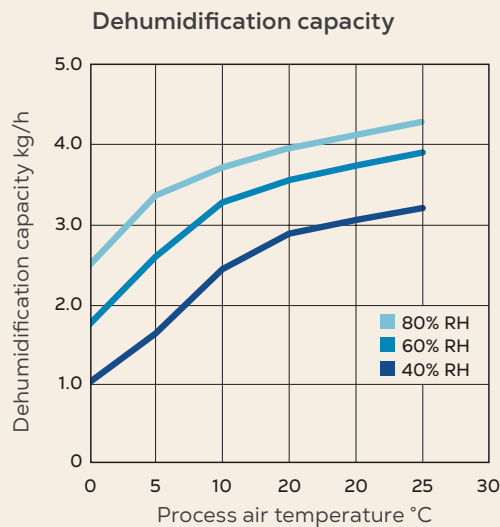
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