

# MLT-L Series with Air Cooled Condenser



## Product Description

The MLT350L desiccant dehumidifier with air cooled condenser is designed to efficiently dehumidify in unheated closed spaces using minimal energy. The wet air from the dehumidifier is passed through the air cooled condenser and then returned to the rotor in a closed loop circuit. The components within the closed loop are constructed of stainless steel and thermoset plastic. Water removed by the condenser is drained away. The heat from the air cooled condenser is then either used in the application or ducted away. Its rugged formed metal frame and access panels are produced from corrosion resistant Aluzink®. The electrical system conforms to established ML Series standards as well as to both harmonised European Standards and to CE marking specifications.

## Munters Rotor Technology

The desiccant rotor is manufactured from a corrugated composite material that is highly effective at attracting and holding water vapour. Every Munters dehumidifier applies a unique rotor technology. Airflows, air conditions, rotor sections, and rotor rotation speeds are optimised for specific applications. An innovative control system maximises the units energy efficiency. A characteristic of the MLT-L Series rotor technology is an extra rotor sector which provides high capacity, while simultaneously recovering heat, thereby effectively reducing the electrical power requirement. The reactivation air is continually re-circulated.

## PRODUCT INFORMATION

# MLT350L

## Features

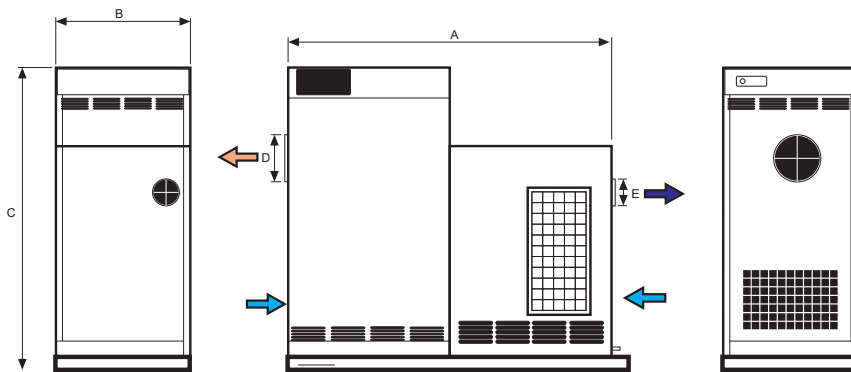
- Minimal energy consumption.
- Heat recovery – condenser heat available.
- Easy to install – no wet air duct needed.
- High airflow capacity.
- Dehumidifies efficient down to -0°C.



## Model MLT350L

Diagram measurements are for reference only.

Scaled and dimensioned AutoCad drawings are available in Munters DryCap program.



Width (A)	Depth (B)	Height (C)	Diam. (D)	Diam. (E)	Weight
1141 mm	410 mm	910 mm	125 mm	200 mm	113 kg

## Technical Specification

### Process Air

Rated airflow (m <sup>3</sup> /h)	350
Available static pressure (Pa)	200

### Reactivation air

Rated airflow (m <sup>3</sup> /h)	67
-----------------------------------	----

### Condenser air

Rated airflow (m <sup>3</sup> /h)	650
Available static pressure (Pa)	200
Fan motor power (kW)	0,3
Sensible heat, condenser air (kW)	1,4

### Total power, voltage and current (amps/phase)

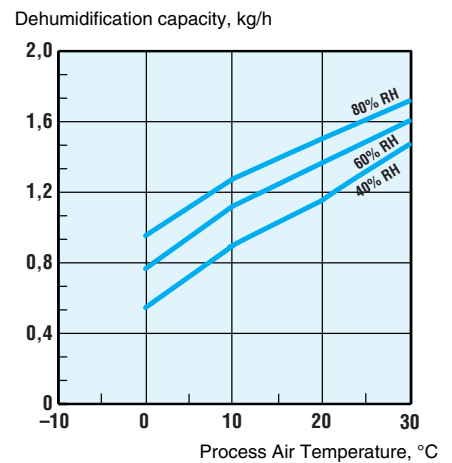
Total power(kW)	2,57
220V 1-50Hz (A)	12,4
230V 1-50Hz (A)	12,0

### Miscellaneous Data

Operating temperature (°C)	+0/+25
Sound power level to room Lw(A) dB, all inlets and outlets ducted	80
Air filter standard	G3
IEC protective class (unit)	IP33
IEC protective class (electrical panel)	IP54

## Dehumidification Capacity

Approximate capacity in kg/h at different inlet process air relative humidity, % RH.



## Options

- Hours run counter (monitors the number of hours the system is operational)
- Humidity control system with alarm and display  
Refer to the RH98 product data sheet
- Stainless steel sheet metal casing

**AUSTRALIA**  
Tel +61 2 8843 1588  
**CHINA**  
Tel +86 10 804 18000  
**INDIA**  
Tel +91 20 668 18 900  
**NETHERLANDS**  
Tel +31 172 43 32 31  
**SWEDEN**  
Tel +46 8-626 6300  
**UNITED KINGDOM**  
Tel +44 1480 432 243

**AUSTRIA**  
Tel +43 1 6164298-0  
**DENMARK**  
Tel +45 4495 3355  
**ITALY**  
Tel +39 0183 521377  
**POLAND**  
Tel +48 58 305 35 17  
**SWITZERLAND**  
Tel +41 52 3438886  
**UNITED STATES**  
Tel +1 978 241 1100

**BELGIUM**  
Tel +32 2 240 68 68  
**FINLAND**  
Tel +358 20 776 8230  
**JAPAN**  
Tel +81 3 5970 0021  
**SINGAPORE**  
Tel +65 6744 6828  
**THAILAND**  
Tel +66 2 642 2670-3  
**VIETNAM**  
Tel +84 8 825 6838

**BRAZIL**  
Tel +55 41 3317 5050  
**FRANCE**  
Tel +33 1 3411 5757  
**KOREA**  
Tel +82 2 761 8701  
**SOUTH AFRICA**  
Tel +27 11 997 2000  
**TURKEY**  
Tel +90 262 751 3750

**CANADA**  
Tel +1 905 8585894  
**GERMANY**  
Tel +49 40-879690-0  
**MEXICO**  
Tel +1 52 722 270-4029  
**SPAIN**  
Tel +34 91 640 09 02  
**UNIT. ARAB EMIRATES**  
Tel +971 4 8809295

www.munters.com

