

MG Series Desiccant Dehumidifier



Product Description

The MG50 desiccant dehumidifier is designed to efficiently dehumidify air. Its very compact construction incorporates sections held together by four bolts. The fan, desiccant rotor and reactivation heater are secured in fixed positions within their respective sections without utilizing additional attachments. One of the sections contains a distribution chamber with isolated sections that provide a precise balance for dehumidification and reactivation airflows. Its rugged casing is constructed from corrosion resistant die cast aluminium.

The electrical control system conforms to EN 60204 (IEC204) standards and the electrical components are assembled in the upper compartment. MG Series dehumidifiers conform 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 MG Series rotor technology is an efficient air distribution chamber which divides the sectors and balances the dehumidification and reactivation airflows.

PRODUCT INFORMATION

MG50

Features

- Low weight –easy to carry
- High efficiency down to -20°C
- Robust and shock proof
- Easy to service
- Ideal for private households
- Wall mounted possible

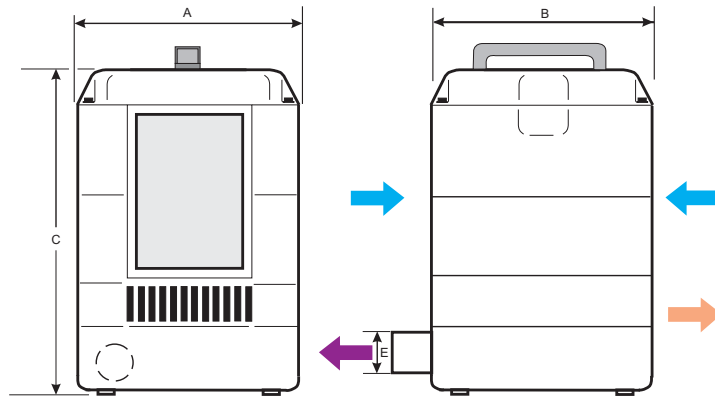


The Humidity Expert

Model MG50

Diagram measurements are for reference only.

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



Width (A)	Depth (B)	Height (C)	Diam. (E)	Weight
275 mm	275 mm	388 mm	48 mm	10 kg

Technical Specification

Process air

Freeblowing at 50Hz (m ³ /h)	80
Freeblowing at 60Hz (m ³ /h)	85
Rated airflow (m ³ /h)	50
Reduced airflow (m ³ /h)	100
Available static pressure 50Hz (Pa)	120

Reactivation air

Rated airflow (m ³ /h)	12
Available static pressure (Pa)	50

Total power, voltage and current (amps/phase)

Total power(kW)	0,440
115V 1-50/60Hz (A)	3,8
200V 1-50/60Hz (A)	2,2
230V 1-50/60Hz (A)	1,9
240V 1-50/60Hz (A)	1,8

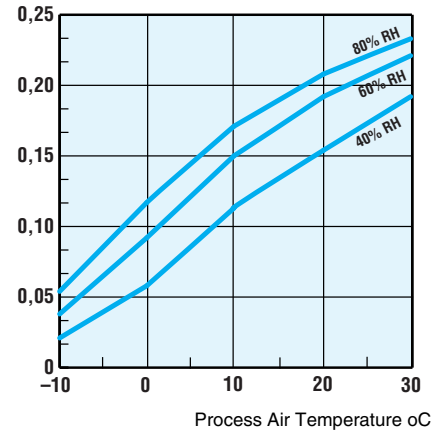
Miscellaneous data

Operating temperature (°C)	-20/+40
Max noise level unducted (dBA)	58
Air filter standard	G3
IEC protective class (unit)	IP44
IEC protective class (electrical panel)	IP54

Dehumidification Capacity

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

Dehumidification capacity, kg/h



AUSTRALIA
Tel +61 2 8843 1588
dh.info@munters.com.au
FINLAND
Tel +358 9 8386 030
info@munters.fi
KOREA
Tel +82 2 761 8701
munters@munters.co.kr
SPAIN
Tel +34 91 640 09 02
marketing@munters.es

AUSTRIA
Tel +43 1 6164298-0
luftentfeuchtung@munters.at
FRANCE
Tel +33 1 3411 5757
dh@munters.fr
NETHERLANDS
Tel +31 172 43 32 31
vochtbeheersing@munters.nl
SWEDEN
Tel +46 8-626 6300
avfuktning@munters.se

BELGIUM
Tel +32 3 458 24 34
sales@muntersnv.be
GERMANY
Tel +49 40 73416-01
mgd@munters.de
POLAND
Tel +48 58 320 01 00
dh@munters.pl
SWITZERLAND
Tel +41 52 3438886
info.dh@munters.ch

CHINA
Tel +86 10 804 18000
info@munters.com.cn
ITALY
Tel +39 0183 521377
marketing@munters.it
SINGAPORE
Tel +65 6744 6828
info@munters.com.sg
UNITED KINGDOM
Tel +44 8708 505 202
dryair@munters.co.uk

DENMARK
Tel +45 4495 3355
info@munters.dk
JAPAN
Tel +81 3 5970 0021
mkk@munters.co.jp
SOUTH AFRICA
Tel +27 11 997 2000
info@munters.co.za
UNITED STATES
Tel +1 978 241 1100
dhservice@munters.com



Munters

The Humidity Expert