

COMMERCIAL DESICCANT DEHUMIDIFIER

RY400M

60 litres per day

RY-400M is suitable for very cold or hot areas or areas requiring extremely low humidity percentage or dew point. When you choose this desiccant dehumidifier, you can buy and install with confidence.

The desiccant wheel itself is made of quality silica gel material, which is very good at absorbing water vapour. Each dehumidifier uses this unique desiccant-wheel technology.

The air flow, wheel transmission and wheel rotation speed are optimized by technicians during manufacture. This cutting edge technology is used to ensure maximum efficiency of air distribution, air balance and dehumidifying capacity.

Features:

- CNC machining structure process
- Efficient absorption silica gel wheel
- Control noise damping and shock absorption
- Industrial flange for easy operation
- Circuit breaker incorporated to minimize damage at high temperatures for electrical motor; heater and the drive wheel
- Leakage protection safeguard for electrical motor; heater and the drive wheel
- Unique seal design; Reduces air leakage
- Dynamic balance design, ensures stable operation while moving
- Able to operate in a wide range of temperatures from -20°C + 50°C heat
- The design is in line with the requirements of IEC protection Class IP44
- Electrical design in accordance with international standards EN60204



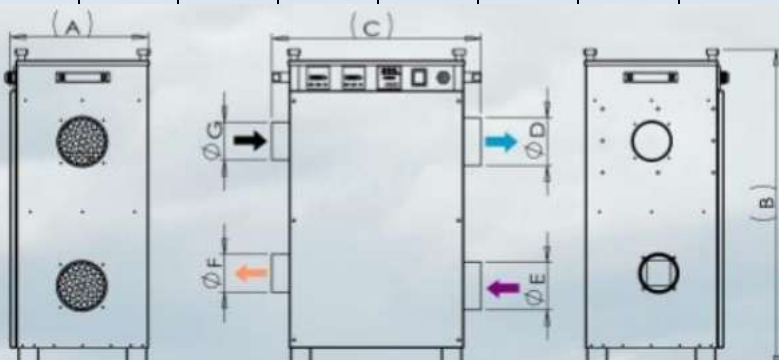
Price: \$ P.O.A. (Includes GST)

Warranty: 2 years

Specifications:

Dehumidification capacity (@ 20°C, 60%)	2.50 kg/hr : 60 ltr p/day
Dehumidification capacity (@ 30°C, 80%)	2.70 kg/hr : 64.8 ltr p/day
Process air flow	420 m ³ /hr
Static pressure at disposal	100 PA
Reactivation air flow	120 m ³ /hr
Static pressure at disposal	50 PA
Operating temperature range	-20°C up to 50°C
Heater power	2.00 KW
Heater current	8.8 A
Voltage	230 V/50 Hz
Maximum electric consumption	2.3 KW
Current	10 A
Noise	60 dB
Weight	40 kg
Certification	CE/RoHS

Dehumidification Capacity (kg/hr)							
Humidity		30%	40%	50%	60%	70%	80%
Temperature	5°C					2.15	2.32
	10°C					2.35	2.42
	15°C			2.32	2.35	2.42	2.46
	20°C	1.90	2.10	2.30	2.42	2.46	2.65
	25°C	2.10	2.30	2.42	2.46	2.65	2.60
	30°C	2.11	2.3	2.40	2.45	2.60	2.70



Width (A) 357 mm	Height (B) 755 mm	Length (C) 527 mm	Diam. (D) 125 mm	Diam. (E) 125 mm	Diam. (F) 100 mm	Diam. (G) 100 mm
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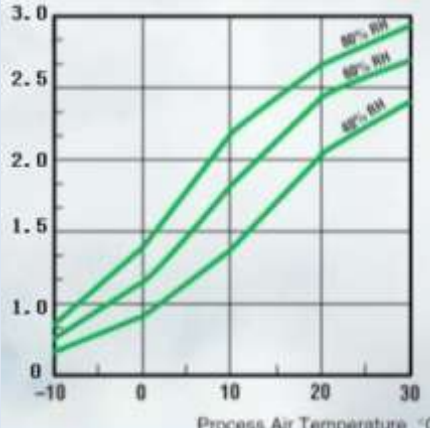
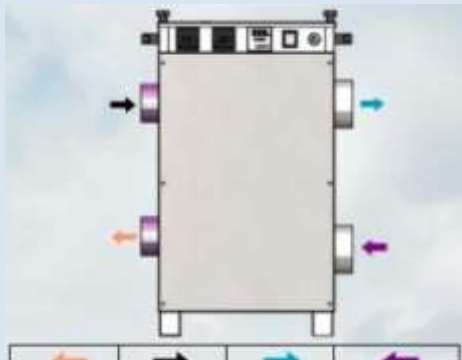



Diagram measurements are for reference only

CE-declaration of conformity
EN6024-1:2006+A1:2009+AC:2010
EN ISO12100:2010
EN55014-1:2006+A1:2009
EN55014-2: 1997+A2:2008
EN61000-3-2:2006+A2:2009
EN61000-3-3:2008

