

COMMERCIAL DESICCANT DEHUMIDIFIER

RY60M

6 litres per day

The RY-60M uses unique heat recovery technology enabling one fan to do the work for both dry air and regeneration air. This machine is especially suitable for projects requiring dry air plus powerful, positive air pressure. 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
- 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%)	0.25 kg/hr : 6.0 ltr p/day
Dehumidification capacity (@ 30°C, 80%)	0.30 kg/hr : 7.2 ltr p/day
Process air flow	60-80 m ³ /hr
Static pressure at disposal	50 PA
Reactivation air flow	25 m ³ /hr
Static pressure at disposal	10 PA
Operating temperature range	-20°C up to 50°C
Heater power	0.55 KW
Heater current	2.3 A
Maximum electric consumption	0.6 KW
Voltage	230 V/50 Hz
Current	2.7 A
Noise	38 dB
Weight	20 kg
Certification	CE/RoHS

Dehumidification Capacity (kg/hr)								
Humidity		30%	40%	50%	60%	70%	80%	
Temperature	10°C						0.23	
	15°C				0.10	0.17	0.25	0.27
	20°C	0.10	0.15	0.19	0.25	0.27	0.28	
	25°C	0.11	0.16	0.20	0.26	0.27	0.29	
	30°C	0.15	0.19	0.25	0.27	0.28	0.30	

Width (A) 287 mm	Height (B) 330 mm	Length (C) 313 mm	Diam. (D) 50 mm	Diam. (E) 80 mm	Diam. (F) 30 mm

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

Process Air Temperature (°C)	30% Humidity	40% Humidity	50% Humidity	60% Humidity	70% Humidity	80% Humidity
-10	0.08	0.10	0.12	0.15	0.18	0.21
0	0.10	0.13	0.16	0.20	0.24	0.27
10	0.12	0.16	0.20	0.25	0.28	0.31
20	0.15	0.19	0.24	0.28	0.30	0.32
30	0.18	0.23	0.27	0.30	0.31	0.32

