

COMMERCIAL DESICCANT DEHUMIDIFIER

RY200M

14.4 litres per day

RY-200M is suitable for very cold or hot areas or areas requiring extremely low humidity percentage or dew point. When you choose this 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%)	0.60 kg/hr : 14.4 ltr p/day
Dehumidification capacity (@ 30°C, 80%)	0.70 kg/hr : 16.8 ltr p/day
Process air flow	180-220 m ³ /hr
Static pressure at disposal	70 PA
Reactivation air flow	60 m ³ /hr
Static pressure at disposal	50 PA
Operating temperature range	-20°C up to 50°C
Heater power	1.30 KW
Heater current	6 A
Voltage	230 V/50 Hz
Maximum electric consumption	1.5 KW
Current	7 A
Noise	45 dB
Weight	35 kg
Certification	CE/RoHS

Dehumidification Capacity (kg/hr)							
Humidity		30%	40%	50%	60%	70%	80%
Temperature	5°C					0.40	0.44
	10°C					0.50	0.54
	15°C			0.50	0.55	0.58	0.60
	20°C	0.40	0.50	0.55	0.60	0.65	0.67
	25°C	0.45	0.50	0.60	0.65	0.67	0.69
	30°C	0.50	0.60	0.63	0.66	0.68	0.70

Width (A) 292 mm	Height (B) 678 mm	Length (C) 442 mm	Diam. (D) 100 mm	Diam. (E) 80 mm	Diam. (F) 50 mm	Diam. (G) 80 mm
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Diagram measurements are for reference only

The graph shows that dehumidification capacity increases with process air temperature. At 30°C, capacities are approximately 0.67 kg/hr for 40% RH, 0.69 kg/hr for 60% RH, and 0.70 kg/hr for 80% RH.

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

