



ionmax[®]
energised for life

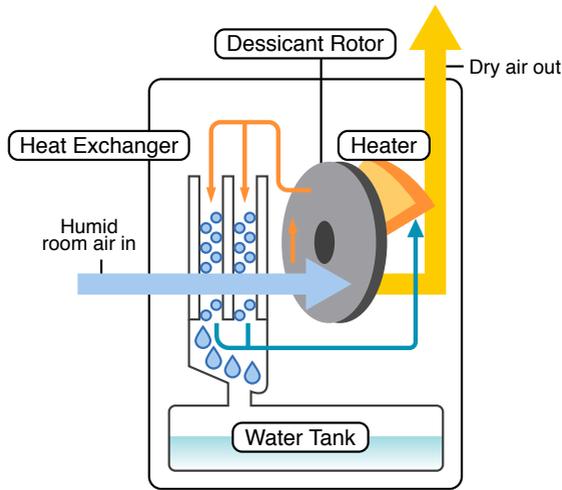
DESICCANT DEHUMIDIFIERS

Ion612 & Ion632

Product Brochure



An Introduction to Desiccant Dehumidifiers



Desiccant rotor dehumidifiers use a desiccant (a substance that adsorbs water in a vapour state) such as salt or silica gel that is mounted on a rotating wheel (called a rotor). As the wheel turns, the desiccant passes through the incoming air where the moisture is adsorbed (collected onto the wheel surface) and the dried air is left to flow out. A flow of warm air is then passed through the desiccant wheel to 'reactivate' it and expel the moisture from its surface. The moisture is collected in the dehumidifier's water tank or drained out through a hose. The wheel continues to rotate and the adsorption process is repeated.

The adsorption principle used in desiccant rotor dehumidifiers makes them especially suited for high humidity levels even at low temperatures. Unlike other types of dehumidifiers, desiccant dehumidifiers are more stable across all temperatures and can reduce humidity to much lower levels. They also require little maintenance and are quieter and lighter.

Ion612

Moisture Control Dehumidifier

The Ionmax Ion612 Dehumidifier helps to control the humidity of the air, acting as a desiccant to keep excessive moisture at bay.

The Ion612 can remove 7 litres (20°C RH60%) of moisture per day, utilising a 3D automatic louvre to channel airflow over a wide area or spot to optimise its efficiency. It also features a built-in ioniser and silver nano technology filter that kills bacteria on contact, greatly enhancing the quality of indoor air.

Efficient, eco-friendly and quiet, the Ionmax Ion612 is perfect for home use.



Features:



Specification:

Voltage	240V
Power consumption	360-620W
Working Temperature	1°C - 40°C
Moisture removal	7 litres a day (at 20°C RH60%)
Tank Capacity	2 litres
Net Weight	6kg
Net Dimension (W x D x H)	290mm x 175mm x 475mm
Gross Dimension (W x D x H)	350mm x 229mm x 545mm

Ion632

Moisture Control Dehumidifier

The Ionmax Ion632 Dehumidifier controls the humidity in your environment efficiently while staying environmentally friendly.

It features a CFC-free desiccant rotor, air filter, and various safety functions. Sturdy and durable, the Ionmax Ion632 is perfect for daily use in removing mould and dampness, drying clothes, and improving the air quality in your home and office.

Being able to remove 10 litres of moisture per day (20°C RH60%) while staying energy efficient, the Ion632 dehumidifier is ideal for daily industrial use.



Features:



Specification:

Voltage	240V
Power consumption	400-720W
Working Temperature	1°C - 40°C
Moisture removal	10 litres a day (at 20°C RH60%)
Tank Capacity	3.5 litres
Net Weight	8.4kg
Net Dimension (W x D x H)	416mm x 186mm x 520mm
Gross Dimension (W x D x H)	491mm x 260mm x 623mm