

ionmax

# DESSICANT DEHUMIDIFIERS

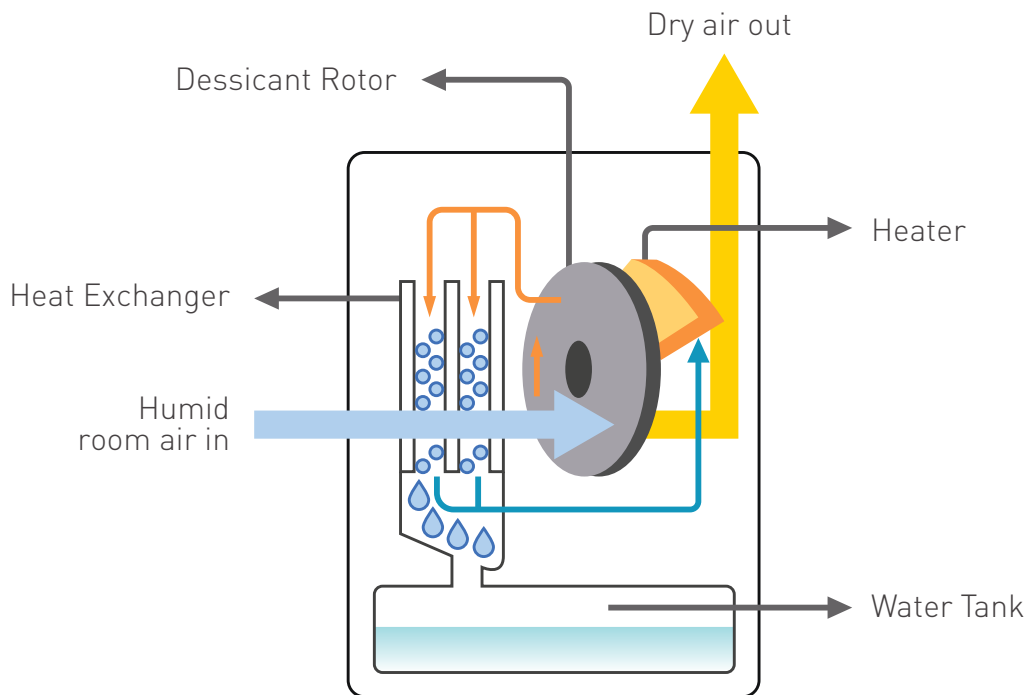
ION610, ION612 & ION632

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 make 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.



The Ionmax ION610, ION612 and ION632 desiccant rotor dehumidifiers use Zeolite as a desiccant to remove excess moisture from the air using adsorption, which make them especially suited for high humidity levels even at low temperatures. **With the Ionmax ION612 and ION632 dehumidifiers consistently in the 3 Recommended Products by CHOICE Consumer Magazine's Dehumidifier Reviews, the Ionmax desiccant dehumidifiers are the perfect solution to any space experiencing mould, mildew, condensation and other humidity problems.**



### Suitable for all seasons

Unlike other types of dehumidifiers, desiccant dehumidifiers are more stable across all temperatures and can reduce humidity to much lower levels.



### Protect your home

Prevents mould and mildew and protects wooden flooring and furniture, walls and ceilings from rotting or peeling due to excessive moisture.



### Regulate indoor temperature

Much of the energy used by the dehumidifiers is returned to the room as soothing warmth.



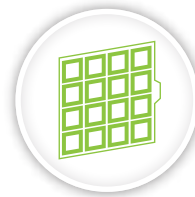
### Helps to dry laundry

Pulls moisture from the air and helps to dry laundry more efficiently indoors, especially during cooler months.



### Low maintenance and easy to use

They also require little maintenance and are quieter and lighter compared to compressor type dehumidifiers.



### Healthier indoor air

Built-in filter in Ion610, Ion612 and Ion632 remove large particles such as hair and dust from the air.



### Energy efficient

Removes high volumes of moisture in a shorter amount of time compared to other types of dehumidifiers.



### Eco-friendly

Does not emit harmful greenhouse gases and the Zeolite used is toxic-free.

# Product Comparison



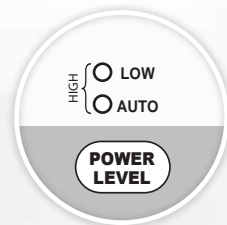
**ION610**

**ION612**

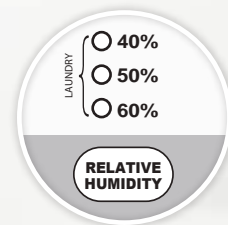
**ION632**

Daily Dehumidifying Rate	6L/day	7L/day	10L/day
Coverage Area	15-25 sqm	20-30 sqm	30-50 sqm
Electronic Louvre	Yes	Yes, with wide and spot airflow adjustment	Yes
Built-in Ioniser	-	Yes	-
Tank Capacity	1.8L	2.2L	3.5L
Power Consumption	280 - 460W	360 - 620W	400 - 720W
Weight	5.1kg	6kg	8kg

## 5 pre-set modes



**3 Power Levels**



**4 Relative Humidity Levels**

## Advanced features on all of our desiccant dehumidifiers



**Timer up to 8 hours**



**Carry handle for portability**



**Continuous drainage option**



**Low noise levels**



**Antibacterial air filter**



**Auto restart function**



**Smart safety features**



**Adaptive humidity control**

Automatic swing louvre with multidirectional adjustments



Removable water tanks with pull-out hand grip, carry handle and water level indicators

