



# ionmax+ ED18

## Industrial Desiccant Dehumidifier

### Desiccant dehumidifiers that have your entire building covered

Efficiently maintain the dryness of multiple rooms through ducting. Compatible with HEPA filters. Remote controlled via mobile app.



## HOW IT WORKS

The air to be processed is suctioned via a filter into the cabinet by a centrifugal fan. The pressured air mainly passes a desiccant rotor to leave moisture on it and becomes dry air flowing out through the main outlet. A motor slowly drives the rotor to pass through a heater-collector portion where the moisture on the rotor will be evaporated out to the wet air outlet, and the rotor is regenerated for later moisture absorption. The wet air is a small part of the pressured air that passes the heater to be heated up and then passes the rotor to bring moisture out.



### Remove up to 19L of moisture a day

No heavy moisture is too much to handle. This unit can be used as a centralised dehumidifier throughout the building.



### Compatible with HEPA filter

Double as centralised air purifiers through HEPA filter installation. Optional HEPA H11 filter or deodorising HEPA filter can be purchased as an add-on.



### Remote controlled via mobile app

No humidistat installation needed. Adjust the dehumidifier settings through a mobile app.



### Continuous 24/7 operation

Built to run continuously to dehumidify all day, all year round. Vent water through a flexible hose or a common push-fit waste water pipe. No emptying of tanks needed.



### Works even at -20°C temperature

Works 4-6 times better than 25L conventional dehumidifiers at temperatures below 25°C.



### Customisable installation

Can be used as it is or mounted using suitable screws. Ducts and screws can be sourced from local DIY stores.

## SPECIFICATION

<b>Voltage</b>	220 - 240V ~50 Hz	<b>Controls</b>	Tach-switch keys and LCD Remote control & Wi-Fi pairing with mobile app
<b>Power Consumption</b>	850W	<b>Working Temperature</b>	-15°C - 40°C
<b>Moisture Removal</b>	19L/d, 17L/d with HEPA filter (@240V)	<b>Net Weight</b>	13 kg
	Washable antibacterial pre-filter, HEPA or Deodorising HEPA filter (optional)	<b>Dimension (W x D x H)</b>	312 x 463 x 318 mm
<b>Duct Connector</b>	Humid air: Ø73 x L48mm (Max 3m length) Dried air: Ø115 x L56mm (Max 5m length) Input air: Ø115 x L56mm (Max 5m length)	<b>Warranty</b>	2 Years