# 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 dessicant 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

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| **Voltage** | 220 - 240V ~50 Hz |
| **Power Consumption** | 850W |
| **Moisture Removal** | 19L/d, 17L/d with HEPA filter (@240V) |
| | Washable antibacterial pre-filter,<br>HEPA or Deodorising HEPA filter (optional) |
| **Duct Connector** | Humid air: Ø73 x L48mm (Max 3m length)<br>Dried air: Ø115 x L56mm (Max 5m length)<br>Input air: Ø115 x L56mm (Max 5m length) |

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| **Controls** | Tach-switch keys and LCD<br>Remote control & Wi-Fi pairing<br>with mobile app |
| **Working Temperature** | -15°C - 40°C |
| **Net Weight** | 13 kg |
| **Dimension (W x D x H)** | 312 x 463 x 318 mm |
| **Warranty** | 2 Years |

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