

Portable Dehumidifiers

Humidity is a key factor in your overall comfort. When the air is less humid, you feel more comfortable. And that comfort level occurs at a higher temperature, which means you can set your air conditioner thermostat higher and save on energy costs

A dehumidifier also helps prevent damage to walls and foundations from excess moisture. Wood furniture, fabrics and carpets will last longer and smell better with proper humidity. Many electronic devices operate best in a controlled environment. And finally, maintaining proper humidity helps reduce allergens.



Comfort-Aire dehumidifiers are designed to efficiently and quietly remove moisture from the air—and to look good doing it! Compact, sleek cabinets are stone white in color and roll easily from room to room on durable casters.

Comfort-Aire dehumidifiers come in sizes to effectively handle a variety of conditions and a wide range of space requirements, including new units with built-in pumps for fastest direct drain removal of condensation.

Key Features

- **Automatic Water Level Shut-Off** - When the drain bucket is full, the unit automatically shuts off, then displays a "Full" light
- **Drain Options** - Condensed water can be collected in the removable bucket, or continuously drained through the direct drain with included adapter kit. Units with built-in self-priming pumps can remove condensate through the pump drain with hose provided
- **Easy to Use Controls** - All controls are located on the top of the unit; actual room humidity/relative humidity set point is displayed
- **Auto Restart** - All models automatically resume operation after a power outage, ideal for second homes or offices, as well as primary residences
- **Slide-Out Filter** - Filter is easily removed from unit so it can be cleaned and reused; check filter light is a reminder to clean the filter

Dehumidifier capacity is rated in liter per day (24 hour period). The table below is a guideline for the capacity necessary to dehumidify areas of various sizes and conditions.

Many variables can affect the amount of dehumidification required, including:

- Climate - hot, sticky conditions require extra capacity
- Number of people living in the space - the more people, the more capacity you'll need
- Number of doors and windows - lots of openings let in more moisture
- Operation of laundry equipment - washers and dryers add moisture to the air, and the more loads done each day, the greater the amount of moisture in the air



HOW TO CHOOSE A DEHUMIDIFIER

To use the table, decide which condition best describes the home or space, then find the size of the area to be dehumidified.

If there's any question about size, always choose the larger model. Remember - a unit can only remove moisture to its rated level. For dehumidification, oversizing is better than undersizing.

SPECIFICATIONS

Relative Humidity Range 40% to 80%

FEATURES	Data Sheet			
Model	RC-PDH-50	RC-PDH-100	RC-PDH-150	RC-PDH-200
Moisture Extraction w/o AC	at 30 Deg C & 80% RH 50 Liter / day	at 30 Deg C & 80% RH 100 Liter / day	at 30 Deg C & 80% RH 150 Liter / day	at 30 Deg C & 80% RH 200 Liter / day
Moisture Extraction with AC	at 23 Deg C & 60% RH 30 Liter / day	at 23 Deg C & 60% RH 50 Liter / day	at 23 Deg C & 60% RH 75 Liter / day	at 23 Deg C & 60% RH 100 Liter / day
Outer Frame Material	Plastic	MS Steel S.S-304 grade	MS Steel S.S-304 grade	MS Steel S.S-304 grade
Humidity Control	Upto 40%	Upto 40%	Upto 40%	Upto 40%
Collection Tank	8.5 Liter		20 Liter	
Refrigerant	R 410a	R 410a	R 410a	R 410a
Air Flow	400 m3/h	1600 m3/h	1600 m3/h	1600 m3/h
Power Input	800 watt	1800 watt	1800 watt	1800 watt
Power Supply	220 V / AC / 50 Hz	220 V / AC / 50 Hz	220 V / AC / 50 Hz	220 V / AC / 50 Hz
Noise Level	50 dB	60 dB	60 dB	60 dB
Direct Drain Facility	Yes - Manual Yes - Auto (Optional)	Yes - Manual Yes - Auto (Optional)	Yes - Manual Yes - Auto (Optional)	Yes - Manual Yes - Auto (Optional)
Pre-filter (Removeable)	Yes	Yes	Yes	Yes
Castor Wheels	Yes	Yes	Yes	Yes
Dimension (LxWxH) - Inch	Non - disclosure	Non - disclosure	Non - disclosure	Non - disclosure
Net Weight	27 kg approx	58 kg approx	70 kg approx	100 kg approx

Design, specifications and materials subject to change without notice. - for unit enhancement