

P O R T A B L E Dehumidifiers



All models except BHDP-951-H are Energy Star® compliant
Low temperature operation down to 41°F (5°C)



BHD-301-H
Capacity 30 pints/day
Bucket Capacity: 6.3 pints



BHD-501-H
Capacity 50 pints/day
Bucket Capacity: 12.7 pints

BHD-701-H
Capacity 70 pints/day
Bucket Capacity: 12.7 pints



BHDP-501-H with Built-In Pump
Capacity 50 pints/day
Bucket Capacity: 12.7 pints

BHDP-701-H with Built-In Pump
Capacity 70 pints/day
Bucket Capacity: 12.7 pints



BHDP-951-H with Built-In Pump
Capacity 95 pints/day
Bucket Capacity: 21.1 pints



Controlling humidity makes your home feel more comfortable, prevents damage from excess moisture, and can even help control allergies

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.

WARRANTY: One year on unit, five years on sealed system. (Some limitations apply, see warranty on website for details.)

Comfort-Aire®



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

Pump flow rate = 0.02-0.03

Pump gpm lift-head = 16.4 ft. (5m)

Pump drain hose = 16.4 ft. (5m)

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



Optional Direct Drain Connection



Convenient Drain Bucket



Relative Humidity Range 35% to 85%

HOW TO CHOOSE A DEHUMIDIFIER

Dehumidifier capacity is rated in pints 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

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.

CONDITION WITHOUT DEHUMIDIFICATION (During warm and humid outdoor conditions)	AREA - SQ. FEET					
	200	1000	1500	2000	2500	3500
Moderately Damp—Space feels damp and has a musty smell only during humid weather	30 pt.	30 pt.	30 pt.	30-50 pt.	30-50 pt.	50-70 pt.
Very Damp—Space always feels damp and has a musty odor; damp spots show on walls and floor	30 pt.	30 pt.	30-50 pt.	30-50 pt.	50-70 pt.	70-95 pt.
Wet—Space feels and smells wet; walls and floors sweat or seepage is present	30 pt.	30-50 pt.	30-50 pt.	50-70 pt.	50-70 pt.	70-95 pt.
Extremely Wet—Floor is wet, humidity builds up when laundry is drying or under other high load conditions	30 pt.	30-70 pt.	50-70 pt.	70 pt.	70 pt.	95 pt.

Capacity needed is shown in pints per day, these are guidelines only.

FEATURES	SPECIFICATIONS					
	BHD- 301-H	BHD- 501-H	BHD- 701-H	BHDP-501-H	BHDP-701-H	BHDP-951-H
Capacity (pts per day)	30	50	70	50	70	95
Voltage	115V	115V	115V	115V	115V	115V
Energy Factor L/kWH	1.85	1.85	1.85	1.85	1.85	2.5
Energy Star	Yes	Yes	Yes	Yes	Yes	No
Input Watts/Amps	310/3.0	520/4.7	720/6.9	520/4.7	720/6.9	730/6.8
24 Hour On/Off Timer	Yes	Yes	Yes	Yes	Yes	Yes
Electronic Controls	Yes	Yes	Yes	Yes	Yes	Yes
Fan Speeds	2	2	2	2	2	2
Sound Level (dBa)	56	58.5	58.5	55	55	54/37
Low Temp Operation	Yes	Yes	Yes	Yes	Yes	Yes
Set/Room Humidity Display	Yes	Yes	Yes	Yes	Yes	Yes
Full Bucket/Auto Shut-Off	Yes	Yes	Yes	Yes	Yes	Yes
Auto Restart	Yes	Yes	Yes	Yes	Yes	Yes
Auto Defrost Control	Yes	Yes	Yes	Yes	Yes	Yes
Bucket Capacity	6.3 pints	12.7 pints	12.7 pints	12.7 pints	12.7 pints	21.1 pints
Pump Lift	—	—	—	16.4 feet of head	16.4 feet of head	16.4 feet of head
Dimension (inches) W x D x H	14 ³ / ₄ x 9 ⁷ / ₈ x 20 ¹ / ₈	15 ³ / ₈ x 10 ¹³ / ₁₆ x 20 ¹ / ₈	15 ³ / ₈ x 10 ¹³ / ₁₆ x 23 ¹ / ₄	15 ³ / ₈ x 10 ¹³ / ₁₆ x 23 ¹ / ₄	15 ³ / ₈ x 10 ¹³ / ₁₆ x 23 ¹ / ₄	18 ⁷ / ₈ x 14 ¹ / ₄ x 24 ⁵ / ₈
Net Weight (lbs.)	28.7	36.4	39.7	37.4	40.7	58
Ship Wt lbs.	30.9	38.6	41.9	39.6	42.9	61.9

Design, specifications and materials subject to change without notice.