



FRIEDRICH

1883

DEHUMIDIFIERS

25 | 50 | 70 PINTS/24 HRS.



THE EXPERTS IN ROOM CONDITIONING

FEATURES

Comfort & Convenience

- Built-in drain pump (models D50BP and D70BP) can pump condensation vertically or horizontally up to a combined distance of 15 ft.
- Continuous drainage operation
- Removable condensate bucket with carry handle holds up to 16 pts. (see individual specifications below)
- Set humidity level from 30% to 90% RH
- 24 hr. ON/OFF timer
- 2-speed fan
- Low temperature operation to 41°F
- Washable, slide-out filter
- Top-mount, digital touch controls
- Displays room temp. and humidity %
- Displays ° F/° C

- Automatic defrost cycle
- Auto-restart saves humidity setting after power interruption
- Built-in casters for easy mobility (models D50BP and D70BP); casters included with model D25BNP

Energy Savings

- All ENERGY STAR® models
- Fan cycles off with the compressor

Installation Features

- 6' power cord
- Plugs into standard 115 volt outlet

Dehumidifier Sizing Guide

Dehumidifier capacity is usually measured in pints per 24 hours and is determined by two factors: the size of the space that needs to be dehumidified and the conditions that exist in the space before dehumidification.

Use the chart below to estimate the capacity you are looking for.

Condition without Dehumidification	Area (Sq. Feet)				
	500	1,000	1,500	2,000	2,500
Moderately Damp (Space feels damp and has musty odor only in humid weather.)	10	14	18	22	26
Very Damp (Space always feels damp and has musty odor. Damp spots show on walls and floor.)	12	17	22	27	32
Wet (Space feels and smells wet. Walls or floor sweat, or seepage is present.)	14	20	26	32	38
Extremely Wet (Laundry drying, wet floor, high load conditions.)	16	23	30	37	44


Source: Association of Home Appliance Manufacturers (AHAM)

SPECIFICATIONS

Model Number	D25BNP	D50BP	D70BP
ENERGY STAR®	Yes	Yes	Yes
Dehumidification Capacity* (Pints/24 hrs)	25	50	70
Drain pump	No	Yes	Yes
Control	Digital	Digital	Digital
Power	115V/60HZ	115V/60HZ	115V/60HZ
Current (Amps)	4.5	5.9	7.7
Watts	240	533	746
Energy Factor (EF), L/kWh**	1.85	1.85	1.85
Compressor Type	Rotary	Rotary	Rotary
Refrigerant Type/Charge amount (Oz)	R-410A / 4.9 Oz	R-410A / 8.5 Oz	R-410A / 11.0 Oz
Operating Temperature Range	41°F- 95°F	41°F- 95°F	41°F- 95°F
Bucket Capacity (Pints)	11.5 approximate	16.2 approximate	16.2 approximate
Easy Roll Casters	Yes-included	Yes-built in	Yes-built in
Dimensions (WxHxD)	13 1/4"W x 21 1/2"H x 9 1/2"D	15"W x 23 1/4"H x 12"D	
Net Weight	32 lbs.	39 lbs.	47 lbs.
Shipping Weight	34 lbs.	44 lbs.	52 lbs.
Carton Dimensions (WxHxD)	15 1/4"W x 21"H x 11 3/4"D	16 1/2"W x 25 1/4"H x 14"D	

*The rating is expressed in pints per 24 hour period at 80° F and 60% relative humidity. Dehumidifiers are tested using the ANSI/AHAM DH-1 standard.

**Energy Factor: The energy efficiency of dehumidifiers is measured by its energy factor, in liters of water removed per kilowatt-hour (kWh) of energy consumed or L/kWh. In general, a higher energy factor means a more efficient dehumidifier.

Model	Circuit Rating Breaker or T-D Fuse	Plug Face (NEMA)	Wall Outlet Appearance	Power Cord Length
All models	125V-15A	5-15P		6 FT.



As an ENERGY STAR® partner, Friedrich Air Conditioning Co. has determined that the selected ENERGY STAR® models meet the ENERGY STAR® guidelines for energy efficiency. One year limited warranty on parts and labor; five years on the sealed refrigeration system.

Due to continuing research in new energy-saving technology, specifications are subject to change without notice.



Friedrich Air Conditioning Co. | 10001 Reunion Place, Suite 500 | San Antonio, TX 78216 | 877.599.5665
www.friedrich.com