

# Dehumidifiers



**FRIEDRICH**  
1 8 8 3

25 | 50 | 70 Pints/hr.

**Eliminate excess humidity and moisture**



Displays room temperature and humidity %.



# FEATURES

## Comfort & Convenience:

- Top-mount digital touch controls display room temperature & relative humidity level
- Set humidity level from 30% to 90% RH
- Low temperature operation to 41°F
- Removable condensate bucket with handle
- Washable, slide-out filter
- 24 hr. ON/OFF timer
- 2-speed fan
- Automatic defrost cycle
- Auto-restart
- Casters for easy mobility
- 6 ft. power cord

## Up to 3 Drainage Options:

- All models come with removable condensate bucket (up to 16 pts.) and continuous drainage outlet
- D50 and D70 also have built-in drain pump that can pump condensation vertically or horizontally up to a combined distance of 15 feet

## Energy Efficiency:

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

## Sleek, Clean Modern Design


- Non-louvered front panel has a clean, stylish appearance that doesn't accumulate unsightly dust, pet hair and other household debris.

## 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.

Room Conditions	Small to mid-size space	Mid-size to large space
	100 - 1,000 sq. ft.	1,000 - 2,000 sq. ft.
<b>Damp</b> Area feels damp and has a musty odor only in humid weather	<b>D25</b> (25 pint)	<b>D50</b> (50 pint)
<b>Very Damp</b> Area always feels damp & has a musty odor & may exhibit damp spots on walls & floors	<b>D50</b> (50 pint)	<b>D50</b> (50 pint)
<b>Wet</b> Area always feels and smells wet and the walls & floors sweat or seepage is present	<b>D50</b> (50 pint)	<b>D70</b> (70 pint)
<b>Extremely Wet</b> Area has wet floors or exhibits its standing water	<b>D50</b> (50 pint)	<b>D70</b> (70 pint)

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.

# SPECIFICATIONS

Model Number	D25BNP	D50BP	D70BP
ENERGY STAR®	Yes	Yes	Yes
Dehumidification Capacity* (Pints/24 hrs)	25	50	70
Built-in 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-134a / 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"W x 20 3/4"H x 11 1/2"D	16 1/4"W x 24 3/4"H x 13 3/4"D	



Built-in drain pump in models D50BP and D70BP.



\*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.

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.



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