

Friedrich 35 and 50 Pint Capacity
Dehumidifiers



*PROTECT YOUR HOME
FROM DAMAGING
EXCESS HUMIDITY*

BUILT-IN DRAIN PUMP



DELIVERING BOLDLY CRAFTED COMFORT

DEHUMIDIFIERS

ELIMINATE EXCESS HUMIDITY AND MOISTURE THAT RUIN CLOTHES AND FURNISHINGS, AND CAN EVEN EFFECT YOUR HEALTH

FEATURES

Comfort & Convenience

- Top-mount digital touch controls display room temperature and 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 (timer must be set for each use-no memory)
- 2-speed fan
- Automatic defrost cycle
- Auto-restart
- Built-in casters for easy mobility
- 6 ft. power cord

Energy Efficiency

- R-32 refrigerant with low Global Warming Potential
- Fan cycles off with the compressor
- ENERGY STAR®

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.



CONVENIENCE FEATURES FOR CAREFREE OPERATION

Three Ways to Drain Condensate:



Built-in drain pump



Slide out condensate bucket




Continuous drain option

SPECIFICATIONS

Model Number	D35B1B	D50B1B
Refrigerant	R-32	R-32
Dehumidification Capacity ¹ (Pints/24 hrs)	35	50
Built-in Drain Pump	Yes	Yes
Drain Pump Hose (Length ft)	16' 9"	16' 9"
Control	Digital	Digital
Power	115V/60HZ	115V/60HZ
Current (Amps)	5.3	7.6
Watts	370	540
Energy Factor (EF), L/kWh ²	2.0	2.0
ENERGY STAR®	Yes	Yes
Compressor Type	Rotary	Rotary
Refrigerant Type / Charge amount (Oz)	R-32 / 8.8 Oz	R-32 / 10.9 Oz
Operating Temperature Range	41°F– 90°F	41°F– 90°F
Bucket Capacity (Pints)	16.25 approximate	16.25 approximate
Easy Roll Casters	Yes-built in	Yes-built in
Dimensions (WxHxD)	15" x 23 1/4" x 12"	
Net/Shipping Weight	40.78/44.75	43.65/47.62
Carton Dimensions (WxHxD)	16 1/2" x 25" x 14"	

POWER CORD/PLUG TYPE

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.

¹ The rating is expressed in pints per 24 hour period.

² 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.

DEHUMIDIFIER SIZING GUIDE

Dehumidifier capacity is usually measured in pints per 24 hours and is determined by two factors:

1. The size of the space that needs to be dehumidified.
2. The conditions that exist in the space before dehumidification. Use the chart to estimate the capacity you need.

Room Conditions	SMALL TO MID-SIZE SPACE	MID-SIZE TO LARGE SPACE
	100 - 1,000 sq. ft.	1,000 - 2,000 sq. ft.
DAMP  Area feels damp and has a musty odor only in humid weather	D35 (35 pint)	
VERY DAMP  Area always feels damp & has a musty odor & may exhibit damp spots on walls & floors	D35 (35 pint)	
WET  Area always feels and smells wet and the walls & floors sweat or seepage is present	D35 (35 pint)	D50 (50 pint)
EXTREMELY WET  Area has wet floors or exhibits standing water	D35 (35 pint)	D50 (50 pint)

Uses R-32 refrigerant with low Global Warming Potential
Your energy costs will depend on your utility rates and use.
For more information, visit www.ftc.gov/energy.

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We are focused on innovating with intent, engineering solutions with lifetime sustainability in mind—from material selection to smart features to responsible recycling. And, our products are designed to meet our customers' needs—lessening their environmental impact by giving them greater control over their energy consumption, as well as helping them decarbonize.



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BR_DEHUM_REV 02-16-24