

Dehumidifiers



FRIEDRICH

1883

25 | 50 | 70 pints/hr.

Eliminate excess humidity and moisture that causes damaging mold and mildew and creates unpleasant musty odors.



Displays room temperature and humidity %.



All models have continuous drainage option.



Built-in drain pump in models D50BP and D70BP.

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.

| 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. |

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

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.



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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