



FRIEDRICH

1883

25, 50 & 70 Pint Models

DEHUMIDIFIERS

Three options for disposal of condensate



THE EXPERTS IN ROOM AIR CONDITIONING

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 (timer must be set for each use-no memory)
- 2-speed fan
- Automatic defrost cycle
- Auto-restart
- Casters for easy mobility
- 6 ft. power cord

Energy Efficiency:

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

Up to 3 Drainage Options:

- Intuitive drain pump operation senses condensate levels and begins draining process as needed. Unit will continue operations after emptying without any manual reset. All models come with removable condensate bucket (up to 16 pts.)
- All models have continuous drainage outlet
- D50 & D70 models have built-in drain pump that can pump condensation vertically or horizontally up to a combined distance of 15 feet

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.

| | Small to mid-size space 100 - 1,000 sq. ft. | Mid-size to large space 1,000 - 2,000 sq. ft. |
|--|--|--|
| Room Conditions | | |
| 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 | D50BPA | D70BP |
|---|-------------------------|-----------------------------|------------------|
| ENERGY STAR® | No | Yes | Yes |
| Dehumidification Capacity* (Pints/24 hrs) | 25 | 50 | 70 |
| Built-in Drain Pump | No | Yes | Yes |
| Drain Pump Hose (Length ft) | — | 16' 9" | 16' 9" |
| Control | Digital | Digital | Digital |
| Power | 115V/60HZ | 115V/60HZ | 115V/60HZ |
| Current (Amps) | 4.5 | 5.2 | 8.2 |
| Watts | 240 | 600 | 900 |
| Energy Factor (EF), L/kWh** | 1.85 | 2.0 | 2.0 |
| Compressor Type | Rotary | Rotary | Rotary |
| Refrigerant Type/Charge amount (Oz) | R-134A/4.9 Oz. | R-410A / 8.8 Oz | R-410A / 10.9 Oz |
| Operating Temperature Range | 41°F- 95°F | 41°F- 90°F | 41°F- 90°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 x 21 1/2 x 9 1/2 | 15" x 23 1/4" x 12" | |
| Net/Shipping Weight | 32/34 | 41.2/45.9 | 44.3/48.9 |
| Carton Dimensions (WxHxD) | 15 x 20 3/4 x 11 1/2 | 16 1/4" x 24 3/4" x 13 3/4" | |



Built-in drain pump on 50 pt. and 70 pt. models

| 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. |

*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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