

YEAR-ROUND COMFORT



DEHUMIDIFIERS

35 and 50 Pint Capacities with
Built-in Drain Pump



FRIEDRICH

DELIVERING BOLDLY CRAFTED COMFORT



Dehumidifiers

Eliminate excess humidity and moisture that can damage furnishings, and can even affect your health

Comfort & Convenience

- **Built-in Drain Pump actively pumps the collected water to a designated drainage point**
- 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)
- 3-speed fan (High, Low, Auto)
- Automatic defrost cycle
- Auto-restart
- Built-in casters for easy mobility
- 6 ft. power cord
- Child Lock

Smart Control Features

- Built-in Wi-Fi control on the go with the ComfortPro App
- Smart home /voice command device compatibility (Amazon Alexa or Google Home)
- Smart touch display

Energy Efficiency

- R-32 refrigerant with low Global Warming Potential
- Fan cycles off with the compressor
- ENERGY STAR® certified and uses sustainable R-32 refrigerant to help protect our planet
- EcoMode

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.



Sound levels as low as 45 dB(A)



CONVENIENCE FEATURES FOR CAREFREE OPERATION

THREE WAYS TO DRAIN CONDENSATE:



Built-in drain pump



Slide out condensate bucket
*11 Pints Capacity



Continuous drain option
*Hose not included

Dehumidifiers

Model Information

SPECIFICATIONS

Model Number	D35C1A	D50C1A
Dehumidification Capacity ¹ (Pints/24 hrs)	35	50
ENERGY STAR®	YES	YES
Easy Roll Casters	Yes-built in	Yes-built in
Built-in Drain Pump	Yes	Yes
Drain Pump Hose (Length ft)	16'4"	16' 9"
Water Hose (Length ft)	3'11"	3'11"
Control	Digital	Digital
Power	115V/60HZ	115V/60HZ
Current (Amps)	3.15	TDB
Watts	345	TBD
Energy Factor (EF), L/kWh ²	2.0	2.0
Indoor Sound Power (dB)	45	47
Compressor Type	Rotary	Rotary
Refrigerant Type / Charge Amount (Oz)	R-32 / 5.46 Oz	R-32 / TBD Oz
Operating Temperature Range	41°F– 90°F	41°F– 90°F
Bucket Capacity (Pints)	11 approximate	11 approximate
Dimensions (WxHxD)	4 3/4 x 19 5/8 x 9 1/2	TBD
Net/Shipping Weight	35.3/39.2	TBD
Carton Dimensions (WxHxD)	19 x 22 3/8 x 12 1/4	TBD
Limited Warranty	1 year	1 year

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 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	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.

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

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.

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

²Energy 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.

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

For complete details of the limited warranties, including applicable terms and conditions, contact your local dealer or go to Friedrich.com for a copy of the product warranty certificate.



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