

Whole House Dehumidifier

1300



Products that let you
breathe
a little easier

Protect and Control your Indoor Air for a Comfortable, Healthier Home

Features

- **Optional Wall-Mounted Control**—The unit comes with self-contained controls but is easily converted to a dehumidistat control mounted in the living area (similar in appearance to a thermostat), saving trips to the basement or attic to change the setting.
- **Cleanable Filter**—A permanent nylon mesh filter captures particulates and airborne dirt to improve indoor air quality; the filter is easily accessed from either side for cleaning.
- **Frost Control**—Frost can collect on the coil after prolonged operation or if the home is kept at very cool temperatures. An automatic defrost system will turn off the compressor, but allow the fan to operate until any ice accumulation is melted. Once the coil is clear, the dehumidifier will resume normal operation.
- **Minimal Maintenance**—The GeneralAire 1300 is built for long life and troublefree operation. Periodic cleaning of the filter keeps the unit operating at peak efficiency.
- **Quiet Operation**—The GeneralAire 1300 is designed for quiet operation. The cabinet is lined with 1" thick high density, expanded polyethylene insulation that absorbs and reflects sound, keeping most unwanted noise from the duct system and living spaces. The compressor is mounted on rubber isolators to prevent vibration, and the entire unit can be placed on rubber feet or suspended using rubber isolators (optional) to further reduce noise transmission into the home.
- **Energy Efficient**—When cooling a home drier air is more comfortable, many people actually raise the temperature setting on their air conditioner when a dehumidifier is installed, reducing the load on the air conditioner and helping extend its life.
- **Fits Any Size Home**—With a dehumidifier, the greater the unit's capacity, the faster the home can be brought to a comfortable level. At 130 pints of moisture removed per day, the GeneralAire 1300 is effective in virtually every home and in the most humid conditions.

Effective, efficient dehumidification

When the dehumidifier fan is running, moist air from the living spaces is drawn into the unit via the inlet duct. It passes through the filter to remove air-borne contaminants, then continues on through the cold evaporator coil which causes the moisture to condense on the coil, much like condensation on the outside of a glass of ice water. The moisture falls into a stainless steel drain pan and is carried away by the drain hose.

The air then passes through the condensing coil where it is warmed before being discharged into the living space. To maximize this process, a thermostatic expansion valve provides precise refrigeration control over a wide range of operating temperatures.

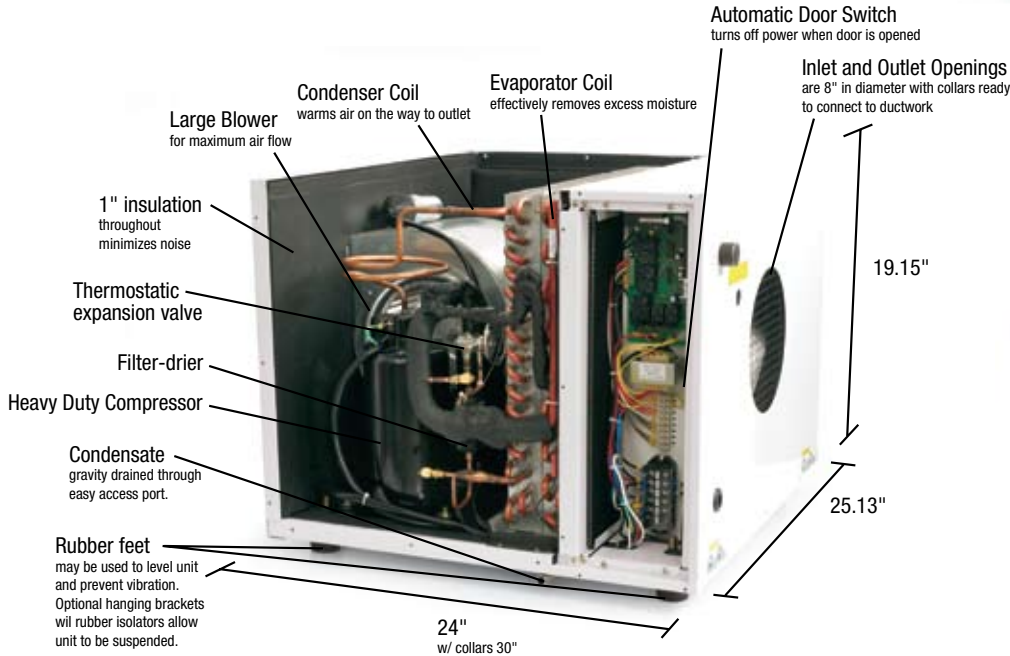


Slide-out filter can be
accessed from either
side for easy cleaning

GENERALAire
Fresh Indoor Air Quality

Climate control technology for healthier indoor air.

Components Easily accessible



Simple installation using existing ductwork

A whole house dehumidifier is installed as part of the heating and air conditioning system. Insulated, flexible ducts are used to connect the dehumidifier's inlet to the air conditioner's return duct; the dehumidifier outlet connects to the air outlet of the air conditioner.

The dehumidifier can be installed in new construction or existing structures, in basements, attics or crawl spaces—at roughly 2 feet square, it doesn't require a lot of room. It can sit on a flat surface using the rubber feet that are included to level the unit. It can also be suspended with the optional hanger kit WHD-HG14; four brackets and four rubber isolators come in the kit.

Power supply is standard 115V.

Specifications

Capacity	130 pints per 24 hours @ 80°F DBT/60% RH
Power Supply	115V 60 Hz, single phase, 15 amp dedicated circuit
Compressor	Rotary: Watts 1070, RLA 9.5, LRA 61
Fan Motor	1/10 HP, 1.15 FLA
Air Flow CFM	400 @ .6" w.c. e.s.p.
Inlet Air Operating Cond.	40° - 105°F
Filter	Washable nylon mesh, 17" x 23.5"
Cabinet Insulation	EPE Material, 1" thick, R Value 4.5
Duct Connections	8" diameter (inlet and outlet)
Condensate Drain	1/2" O.D.
Weight	150 lbs
Dimensions	19.15"H x 25.13"W x 30" L (cabinet only: 24"L)

Dehumidifier Accessories

The entire range of GENERALAire controls is offered with features making your ventilations system simple, easy to operate.

DC1 Dehumidistat



- Automatic sampling sequence every hour.
- Fan runs for 15 minutes to sample air and sense humidity level.
- Sample passes sensor that turns compressor on if dehumidification is needed.
- Fan and compressor run until humidity level reaches preset level.

WHD-15 Damper Kit



- Optional Supply / Intake Control Damper

WHD-HG14 Four Point Grommet Hanger Kit



- Option includes 4 brackets and 4 isolators

Peace of Mind

GENERALAire Dehumidifier units are backed by the best limited warranty in the industry, for your peace of mind.

You benefit from a 5-year warranty on the compressor and a 1-year warranty on all other components with certain limitations. So you can breathe easy.



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