



GENERAL FILTERS
INCORPORATED

GFX3

Humidistat
Residential Whole-House (GFI #7050)

Automatic Digital
Humidistat



Climate Control Technology

- Precision Electronics
- Extreme Accuracy
- Long-Term Stability
- Manual or Automatic Operation
- Contemporary Appearance
- Informative Backlit Display
- Operates Most Bypass Humidifiers
- User Friendly - Easy to Read
- Quick, Easy Installation
- Wall or Duct Mount
- Outdoor Sensor Included
- Outdoor Temperature Compensation Mode
- 10% to 75% Relative Humidity Control Range



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Automatic Digital Humidistat

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In Automatic Mode the GeneralAire® GFX3 (GFI #7050) will adjust the humidity in your home based on the outdoor temperature, lowering the humidity in cold weather to reduce condensation. The GFX3 can operate in Manual Mode to control humidity to a specific relative Humidity. In most homes, Automatic operation is preferred to reduce condensation on windows and within the structure. Manual mode is necessary where the outdoor

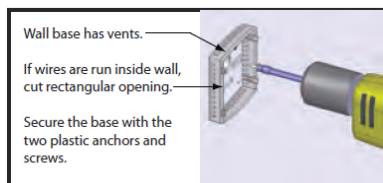
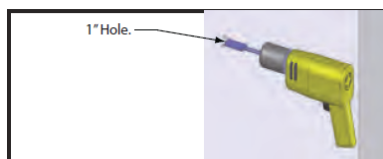
temperature sensor cannot be installed. Manual mode may be desirable where valuable artwork, instruments or woodwork demand constant humidity. The LCD Display is backlit and easy to read. Operation and Installation are simple. The GFX3 can be mounted on an interior wall or on the return duct of the HVAC System.

Precautions

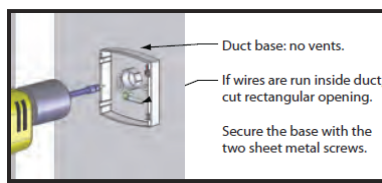
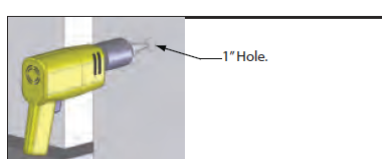
This Humidistat must be installed by a Qualified Technician. Always turn off power to the HVAC system prior to installing or Servicing the Humidifier or Humidistat. Improper operation can result in over or high humidification. Over humidification can result in condensation, structural damage or mold. Condensation within building's structure can cause a loss of structural strength. Condensation can also enable mold and mildew growth resulting in personal injury and damage to building structure and contents. Older and poorly insulated structures cannot withstand the same humidity levels as newer well insulated buildings. Read these instructions carefully. This humidistat requires a 24 volt, AC power supply. Improper voltage can cause malfunction or damage to the control. The technical specifications for this product and the contents of the user manual are subject to change without notice.

Installation

Wall Installation



Duct Installation

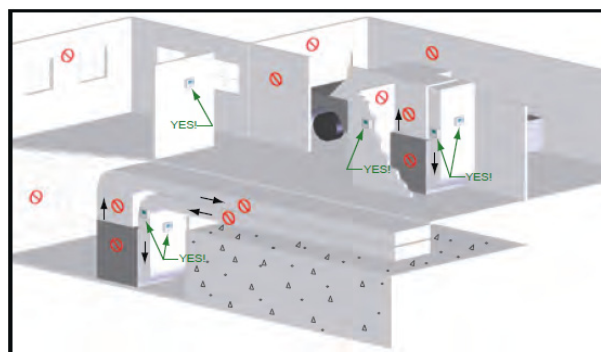


The included Outdoor Sensor may be extended up to 200 feet using 18 gauge wire.

Unit Dimensions: 3 1/2" x 3 3/4"

- Voltage: 18-30 VAC, 60Hz
- Switching Load: 1 amp max. 30 volt
- Outdoor Sensor: max. 200ft, 61m
- Auto Mode:
 - Control Range: 10% - 60% RH
 - Outdoor Temp: -10F, 23C min.
- Manual Mode:
 - Control Range: 10% - 75% RH
- Accuracy – RH (77F, 25C) 10% - 90% +/-3%RH
- Accuracy Drift Per Year: +/-0.5%RH
- Accuracy Indoor Temp: +/-2°F, +/-1°C
- Resolution, Temp or RH: 1deg or 1%
- Relay Close: Setting -1%RH
- Relay Open: Setting =1%RH

GFX3 Installation Locations



Out Door Sensor Location

YES!

- North Wall
- East Wall
- Over Snow Line
- Inlet of Air Intake
- Less than 200' from humidistat

NO!

- South Wall
- West Wall
- Below Snow
- Deep in Intake
- More than 200' from humidistat

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Download online at: www.generalfilters.com/literature/spec/submittal. All information subject to change without notice.

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