



The **NEW** GeneralAire® 5500 Steam Humidifier  
Residential Whole-House (GFI #5580)

***Breathe in the Difference***

***Breathe Healthier***



With The **NEW** GeneralAire® Model 5500 Steam Humidifier

**Improve Health**

**Protect Assets**

**Enhance Comfort**

**Reduce Furnace Energy Costs**

### **A Whole-House Humidifier:**

- Treats Your Whole House 24 / 7 / 365
- Requires Minimal Maintenance
- Is Out of Sight
- Runs Quietly

**1937**  
**1031**



**General Filters**  
Inc.



## The **NEW** GeneralAire® 5500 Steam Humidifier

Residential Whole-House (GFI #5580)

### Winter months mean drier indoor air.

When the air in your home is too dry, you know how unpleasant it can be.

#### Health concerns

The right humidity levels keep your sinuses and throat healthy, reducing the incidents of cold, flu, respiratory infections, allergies, asthma, and bloody noses. Studies show that humidity that's too low contributes to the flu virus surviving longer, while simultaneously increasing its ability to spread from one person to another.

#### Dry, itchy, cracked skin

Dry air causes your skin to dry, and left untreated can cause anything from minor discomfort to cracked, bleeding skin.

#### Temperature discomfort

Dry air causes air to feel cooler than it really is, leading you to turn up the thermostat. The result is even drier air and a higher heating bill. Adding humidity saves money.

#### Damage to your home and assets

Dry air pulls moisture from your home's wood framing, trim, flooring, and furniture. Expensive artwork and musical instruments can become damaged. Dry air causes gaps between ceilings and walls, letting in cold winter air and increasing the cost of your heating bill.

#### Static shock

When the air is too dry, static electricity begins to build up. This can cause blankets and clothes to stick together and, more importantly, can cause painful electric shocks when you touch a doorknob or another metal surface. Static shocks can damage expensive electronics.

- humidity that's too low contributes to the flu virus surviving longer, while simultaneously increasing its ability to spread from one person to another.

---

### GeneralAire® Has Your Solution

---



Maintain proper humidity throughout your entire home with the new **GeneralAire® Steam Humidifier Model 5500**. Protect your home and its contents while also offering you, your family, and your pets greater health and comfort.

#### The Benefits of Steam

- More effective for larger homes than other types of humidification.
- Operates independently of the furnace.
- Uses less water than other types of humidification.
- Known as "clean" humidification, as water is heated to a boiling point to provide sterile, pure, clean humidity.



## The **NEW** GeneralAire® 5500 Steam Humidifier Residential Whole-House (GFI #5580)

### The **NEW** GeneralAire® Steam Humidifier Model 5500



#### Features:

- Contemporary Design
- Drain Tempering for Safety
- GFX4 Automatic Digital Humidistat Controls the Furnace Blower Motor for Consistent Humidity Levels
- LED Display With Constant Control Diagnostics
- Up to 28.5 Gallons Per Day (With 230V Power Connection)
- Effortless Maintenance Through:
  - 1-Screw Cover Release
    - Permanently Affixed to the Cover, the Screw Cannot Be Lost During Cylinder Replacement
  - “Spark Plug Style” Cylinder Wire Connections That Simply “Click” Into Place



Replacement Cylinder Model 55  
GFI #7746



Your Model 5500 includes our new GFX4 humidistat - with all the same features as the previous GFX3 - but now controls the furnace blower motor as well.

Your humidifier will deliver humidity to your home with or without furnace activity, keeping humidity levels constant.



Designed & Assembled  
in the USA



#### GeneralAire® Brand Benefits:

- General Filters has offered GeneralAire® branded indoor air products that provide comfort and better health to families across North America since the 1950's.
- We develop indoor air quality solutions that provide humidity control; particulate removal; germ, bacteria, virus, and VOC reduction; and fresh air ventilation that treats the entire home.
- Our products, once installed, require little maintenance or care while quietly treating your entire home.
- Products are designed, engineered, and assembled in North America.



## GeneralAire® Duct Steam Model 5500 (GFI #5580)

Type	Self contained immersed electrode; drain pump design; ducted
GPD	Up to 28.5
Home Size (Sq. Ft.)	5500
Capacity / VAC / kW	5.5 Lbs / Hr (2.5kg/h) / 115VAC 1-phase 50-60Hz / 1.86 kW - 12 Lbs / Hr (5.4kg/h) / 230VAC 1-phase 50-60Hz / 4.05 kW
Power	115V / 230V (Internal Switch) (20 AMP External Circuit Breaker)
Electrode Power Cables	12 AWG
Power Relays	2 - 30 Amp On Board
Ground Connection	Screw
Warranty	5 Years
Unit Size (Inches)	21 H x 13.5 W x 8.25 D
Weight (Pounds) / Pallet Size	16 / 16
Replacement Steam Cylinder	Model 55 (GFI #7746)
Controls	GFX4 Digital (GFI #7170)
Conductivity Range	125 to 1250 µs/cm
Water Fill Connection	1/4" O.D. Compression Adapter to 3/4" BSP
Water Fill - Instant Flow	0.09 - 0.16 gpm (0.35 - 0.60 l/min)
Input Water Type	Potable water (no demineralized or softened water)
Drain Connection	.75" diameter spout for hose
Drain Water Temperature	< 140° (< 60° C)
Drain Flow	Initial Max drain rate using ¼" OD supply tubing and full cylinder – approx 1.1 gallons for first 15 seconds of drain cycle (~4.4 gpm (13.2 l/min)). Average drain rate – 3.8 gpm (14.4 l/min) (measured over a one minute period starting with full cylinder).
Embedded Fan Flow	71 cfm (120 m³/hr)
Serial Communication	DS485
Steam Distribution	Steam Manifold
Typical Installation	For newer homes up to 5,500 square feet and a 115V or 230V power supply.
In The Box	Steam Humidifier, GFX4 Automatic Digital Control, Inst. Manual, Drilling Template, Installation/Mounting Screws, Power Wire Clamps, Mounting Straps, Installation Kit.

Contractor Contact Information

Learn More at: [www.GeneralFilters.com](http://www.GeneralFilters.com)

Our Brands



GFI LIT#: DS Steam 5500

Last Updated: 6-2020

Download online at: [www.generalfilters.com/literature/spec/submittal](http://www.generalfilters.com/literature/spec/submittal). All information subject to change without notice.



43800 Grand River Avenue  
Novi, Michigan 48375  
Toll Free: (866) 476-5101  
[www.generalaire.com](http://www.generalaire.com)

PURE MICHIGAN®