

Spec Sheet

Installs Quickly & Easily

GeneralAire® Duct Steam Model 5500

Order Number	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 1/4" 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, Installation Manual, Installation/Mounting Screws, Power Wire Clamps, Mounting Straps, Installation Kit.



GFX4 (GFI #7170)

**Now Controls the
Furnace Blower Motor**
No Need For Current
Sensing Relay

Accessories

RMB15 (GFI #7665) Room Fan Kit 115V Includes: Through The Wall Blower Housing With Blower and Grille Package, Condensate Hose

RMB35 (GFI #7660) Room Fan Kit 230V Includes: Through The Wall Blower Housing With Blower and Grille Package, Condensate Hose

Steam Nozzle & Condensate Hose (GFI #7500) For Special Installations

Air Proving Switch (GFI #7021)



Designed & Assembled
in the USA



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Toll Free: (866) 476-5101
www.generalaire.com

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Model 5500 Features

- One unit for 115 / 230V installations (internal switch).
- One cylinder accommodates regular and low water conductivity; 125 to 1250 microSiemens.
- Produces up to 28.5 gallons per day (GPD).
- One-screw cover release.
- GFX4 digital automatic humidistat controls the furnace blower motor.
- Spark-plug style wire connectors (no tools needed for cylinder replacement).
- Enhanced easy-to-read control display.
- Two metal mounting straps span 16" studs make installation easier.
- Chassis keyholes for mounting ease.
- Installation kit.
- Snap-in cylinder with affixed bushing and O-ring ensure leak-free operation.
- Water tempering for safety.
- Steel steam manifold.

Installation

Duct Steam: install using included duct mount kit & metal mounting straps



(Included)
Duct Mount Kit



(Included)
Painted Metal
Mounting Straps



(Optional)
Room Fan Kit
GFI #7665 (115V)
GFI #7660 (230V)

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Maintenance

Replace cylinder at least once per year

Replacement Cylinder
Model 55
GFI #7746



Product Support

- Installation Manual
- Home Owner Brochure
- Competitive Comparison
- www.GeneralFilters.com
- Tech Support (866) 476-5101

Our Brands



Last Updated: 6-2020

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



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