



# Residential Indoor Air Quality **PRODUCTS** Catalog

Humidifiers | Dehumidifiers

Air Cleaners | UV Air Purifiers

The New GeneralAire® 4400A  
Fan-Assist Humidifier  
See pages 6-7



Patent Pending

Email USA PO's to: [wholesaleorders@generalfilters.com](mailto:wholesaleorders@generalfilters.com) • Canada PO's to [sales@generalaireiaq.ca](mailto:sales@generalaireiaq.ca)



**General Filters**  
Inc.

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

# Table of Contents

Steam Humidifier	4-5
Evaporative & Fan-Assist Humidifiers	6-9
Dehumidifiers	10-11
MAC Air Cleaners	12-13
AC, HEPA, & TERSus Air Cleaners	14-15
UV Air Purifiers	16-19
Vapor Pads, Solenoid Valves, & Controllers	20-21
Air Cleaner Media (MERV 8, 11, 13, HEPA)	22-23

*Breathe Healthier®*

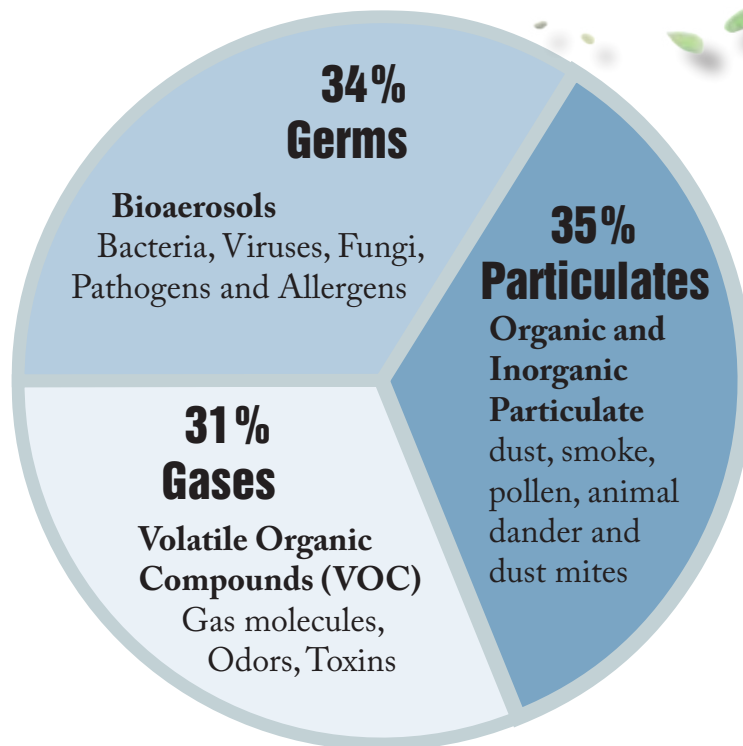


# The Good News About Indoor Air Quality

**Fact:** The air we breathe indoors is 2 to 5 times more polluted than the air we breathe outdoors, and the average person spends 90% of their time *indoors*.

The Center for Disease Control and Prevention categorizes indoor air pollution into three main categories:

- 35% of allergic reactions are caused by **Particulates**.
- 34% of allergic reactions are caused by **Germs**.
- 31% of allergic reactions are caused by chemical **Gases**.



Improper humidity levels, dangerous gas molecules, mold spores, germs, and microscopic particulates all affect our long-term health and comfort.

The good news is that you can control indoor air quality with humidity control, filtration, and UV air purification; products offered by General Filters, Inc. under the brand names GeneralAire® and Second Wind™.

BREATHE HEALTHIER®  
**GeneralAire®**

# Steam Humidifier Model 5500



**Duct Mounting Kit Included**

<b>5500</b>	
Order Number	<b>GFI #5580</b>
Type	Self contained immersed electrode; drain pump design; ducted
*GPD	Up to 15 @ 115V; Up to 28.5 @ 230V
Home Size (Sq. Ft.)	5500
Capacity / VAC / kW	4.9 Lbs / Hr (2.5kg/h) / 115VAC 1-phase 50-60Hz / 1.86 kW 9.9 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
Dimensions (Inches H x W x D)	21 x 13.5 x 8.25
Weight (Pounds) / Pallet Size	16 / 16
Replacement Steam Cylinder	<b>Model 55 (GFI #7746)</b>
Humidistat	GFX4 Digital Automatic (GFI #7170)
Conductivity Range	125 to 1250 $\mu$ S/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)
Serial Communication	DS485
Steam Distribution	8" 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, Heavy Duty Metal Mounting Straps, Installation Kit

# Steam Humidifier Model 5500

## Features

- Electrode Steam Generating Technology
- One Cylinder for Regular & Low Water Conductivity
- 115 V to 230V Via Internal Switch
- Spark-Plug Style Wire Connectors
- Drain Pump Design
- The GFX4 Digital Automatic Humidistat - Controls the Furnace Blower Motor
- Enhanced LCD User Interface
- Drain Tempering
- AHU Fan Relay
- Mounting Kit Included
- Heavy-Duty Metal Mounting Straps
- Single Captive Cover Screw
- Five-Year Warranty For Humidifier
- One-Year Warranty For GFX4



GFX4 Digital Automatic Humidistat (Included)

**Controls the  
Furnace Blower Motor**



Duct Mounting Kit

## Accessories

- RMB15 (**GFI #7665**) Room Steam Kit for a 115V Installation
- RMB35 (**GFI #7660**) Room Steam Kit for a 230V Installation



Room Steam Kit (Optional)

## Support on [www.GeneralFilters.com](http://www.GeneralFilters.com)

- Installation Manual
- Brochures
- Spec Sheets
- Parts Drawings
- Sizing

## Maintenance

- Replace the steam cylinder at the start of each heating season, or more often with higher run times.



Steam Cylinder  
Model 55  
**GFI #7746**



Humidifier



Control

BREATHE HEALTHIER®  
**GeneralAir®**

# Evaporative Humidifiers

## Evaporative & Fan Assist



	<b>3200 (A &amp; M)</b>		<b>4200 (A &amp; M)</b>	<b>4400A</b>
Order Number (Includes MHX3C Manual Humidistat)	<b>GFI #5800</b>		<b>GFI #5950</b>	<b>Automatic Model Only</b>
Order Number (Includes GFX4 Digital Automatic Humidistat)	<b>GFI #5801</b>		<b>GFI #5951</b>	<b>GFI #5961</b>
Type	Evaporative; Ducted			Evaporative, Fan Assist
*GPD (Based on 120° Plenum Temperature)	Up To 12		Up To 17	Up to 19
Home Size (Sq. Ft.)	Up To 3,200		Up To 4,200	Up To 4,400
Voltage (Volts)	24			120
Warranty (Years)	5			
Dimensions (Inches H x W x D)	12.25 x 12 x 8.5		15 x 12 x 8.5	15.75 x 16.63 x 6.75
Weight (Pounds)	6.5		7.5	12
Pallet Quantity	36		30	30
Replacement Vapor Pad® (Replace Once Per Season)	<b>GA10 (GFI#7905)</b>		<b>GA35 (GFI#7902)</b>	
Replacement Solenoid Valve	<b>4200-05 (GFI #7225)</b>		<b>4200-05 (GFI #7225)</b>	<b>4400-05 (GFI #7224)</b>
Plenum Opening (Inches)	9.125 x 9.125		9.125 W x 12 H	12.13 x 12.63
Bypass Opening (Inches)	6			NA
Cabinet Construction	UV-Stable Automotive Grade Plastic			
Humidistat	MHX3C Manual (GFI # 7038) / GFX4 Digital Automatic (GFI #7170)			GFX4 (GFI #7170)
Installation	Supply / Warm Air or Return Air Plenum / Right or Left Side			Supply Only
Typical Installation	For Newer homes up to 3,200 square feet and homes with a forced-air heating system		For Newer homes up to 4,200 square feet and homes with a forced-air heating system	For Newer homes up to 4,400 square feet and homes with a forced-air heating system
In The Box	Humidifier, Humidistat, Control Bypass Damper, 24V Transformer, Solenoid Valve, Vapor Pad®, Push-to-Connect Valve, Installation Manual, Template, Parts			

# Evaporative Humidifiers

## Bypass & Fan Assist

### Features (3200, 4200, 4400)

- Greater Humidity Output With Lower-Plenum Temperatures and High-Efficiency Furnaces Through:
  - Redesigned Low-Profile Cover; Forces Air Directly Through Vapor Pad® at its Warmest Point
  - Redesigned Distributor Trough; Provides Even Saturation of Vapor Pad®
  - Redesigned Vapor Pad® Frame; Covers Less of the Pad For Greater Exposure and Output
  - Stainless Steel Water Supply Tube For Hot Water Installation
- UV stable Automotive-Grade Plastics
- Durable Frame
- Automatic Or Manual Control Options
- Easy Access Lift-Off Cover
- Mount Left Or Right (3200 & 4200 Only)
- Quiet Cross-Flow Fan For Additional Output (4400A Only)
- Hinged Door Makes Changing the Vapor Pad a Breeze (4400A Only)
- Five-Year Warranty For Humidifiers
- One-Year Warranty For Humidistats



MHX3C  
Manual Humidistat  
Included  
3200M & 4200M



GFX4  
Digital Automatic Humidistat  
(Included)  
3200A, 4200A, & 4400A



4400A  
Hinged Door  
Allows Easy Access  
to the  
Vapor Pad

### Support on [www.GeneralFilters.com](http://www.GeneralFilters.com)

- Installation Videos (Coming Soon)
- Maintenance Videos (Coming Soon)
- Installation Manuals
- Brochures
- Spec Sheets
- Parts Drawings
- Sizing

### Maintenance

- Replace the Vapor Pad® at the start of each heating season.
- Check distribution trough, drain pan, and other components for sediment. If found, clean with vinegar/water solution.



Ensure the black mark of the new Vapor Pad® is on the top when inserting into the frame



# Evaporative Humidifiers

## Evaporative & Fan Assist



	1042LH	1099LHS	1137
Order Number	GFI #5144	GFI #5015	GFI #5137
Type	Bypass Evaporative		Fan-Assist Evaporative
*GPD; Based on 120° Plenum Temperature	17	19	18
Home Size (Square Feet)	To 2,800	To 3,000	To 3,000
Voltage (Volts)	24		120
Warranty (Years)	5		
Dimensions (Inches H x W x D)	14 x 15.125 x 9	16 x 16 x 12.25	14 x 16 x 11
Weight (Pounds)	13	15	19
Pallet Quantity	30	12	21
Replacement Vapor Pad® (Replace Every Year)	990-13 (GFI #7002)	1099-20 (GFI #7047)	990-13 (GFI #7002)
Plenum Opening (Inches H x W)	9.5 X 13.625	12 X 14.125	9.75 X 15
Bypass Opening (Inches)	6	7	NA
Cabinet Construction	UV-Stable Automotive Grade Plastic		
Humidistat	MHX3C Manual (GFI #7038)		
Replacement Solenoid Valve	990-53 (GFI #7014)	1099-06 (GFI #7221)	990-53 (GFI #7014)
Replacement Orifice & Strainer Screen Assembly	990-37-76 (Std.) (GFI #7008) 990-37-75 (Low) (GFI #7009)	990-37-75 (Std.) (GFI #7009) 990-37-74 (Low) (GFI #7011)	990-37-76 (Std.) (GFI #7008) 990-37-75 (Low) (GFI #7009)
Replacement Strainer Screen	990-17 (GFI #7005)	990-17 (GFI #7005)	NA - Assembly Only
Installation	Supply / Warm Air or Return Air Plenum / Right or Left Side		Supply / Warm Air Plenum
Typical Application	For newer homes up to 2,800 square feet and homes with a forced-air heating system	For newer homes up to 3,000 square feet and homes with a forced-air heating system	For newer homes up to 3,000 square feet and homes with a forced-air heating system; on the warm air plenum
In The Box	Humidifier, Humidistat, Installation Manual, Vapor Pad®, Parts Kit, Solenoid Valve, Push-to-Connect Valve, Transformer, 10' of 625" Diameter Drain Hose, Drain Pan	Humidifier, Humidistat, Installation Manual, Vapor Pad®, Parts Kit, Solenoid Valve, Push-to-Connect Valve, 7" Connecting Collar, 10' of .5" Diameter Drain Hose, 24V Transformer	Humidifier, Humidistat, Installation Manual, Vapor Pad®, Parts Kit, Water Tube Kit, Humidistat Wire, Drain Pan, Power Supply Cord, 10' of 625" Diameter Drain Hose, Solenoid Valve, Push-to-Connect Valve

# Evaporative Humidifiers

## Evaporative & Fan Assist



### Features

- UV Stable Automotive-Grade Plastics
- Durable Frame
- Manual Control Included
- Easy Access Lift-Off Cover
- Mount Left Or Right
- Five-Year Warranty for Humidifiers
- One-Year Warranty for MHX3C



MHX3C  
Manual Control Humidistat  
Included

### Support on [www.GeneralFilters.com](http://www.GeneralFilters.com)

- Maintenance Videos
- Installation Manual
- Brochures
- Spec Sheets
- Parts Drawings
- Sizing

### Maintenance

- Replace the Vapor Pad® at the start of each heating season.
- Check distribution trough, drain pan, and other components for sediment. If found, clean with vinegar/water solution.



Ensure the black mark of the new Vapor Pad® is on the top when inserting into the frame



Humidifier



1137 only



Control

BREATHE HEALTHIER®  
**GeneralAire®**

# Dehumidifiers - Wi-Fi & Touch Screen Control



	DH75	DH100
Order Number	GFI #5333	GFI #5334
Type	Crawl Space / Whole House	Whole House
Capacity	Up To 75 Pints Per 24 Hours @ 80°F / 27°C - 60% RH	Up To 100 Pints Per 24 Hours @ 80°F / 27°C - 60% RH
Home Size (Square Feet)	3,800	5,200
Power Supply	120VAC, 60Hz	120VAC, 60Hz
Current Draw (Amps)	6.2	8.8
Energy Factor (Liters/kwh)	2.0	1.86
Warranty (Years)	5	
Dimensions (Inches H x W x D)	12.75 x 12.6 x 21	15.75 x 12.6 x 21
Weight (Pounds)	58	65
Pallet Quantity	15	10
Replacement Filter (Replace Every 6 Months)	<b>GFI #7143</b> MERV 11 Pleated Filter; 10 x 12 x 1	<b>GFI #7144</b> MERV 11 Pleated Filter; 12 x 12 x 1
Control	Wi-Fi & Touch Screen Control	
Inlet Air Operating Temperature	50°F - 90°F / 10°C - 32°C	
Control Board Display Temperature	-4°F - 158°F operating / -22°F - 176°F storage -20°C - 70°C operating / -30°C - 80°C storage	
Cabinet Insulation	Foil-faced fiberglass 1/2" thick & closed cell foam	Foil-faced fiberglass 1/2" thick & closed cell foam
Duct Connections (Inches Diameter)	8 (Inlet & Outlet)	10 (Inlet & Outlet)
Drain Pan	Heavy Duty, Injection Molded	
Noise (dB)	Less Than 55 (Unducted)	
Typical Application	Crawl Space, Attic, Basement; Ducted or Unducted	
In the Box	Dehumidifier, Collars, Power Cord, Filter, Feet, Level, Trap, Installation Manual	

# Dehumidifiers - Wi-Fi & Touch Screen Control

## Features

- Wi-Fi & Touch Screen Control
- Low-Temperature Shutoff
- Duct Mount Collars
- Fan-Only Function
- Continuous Reconnect With Lost Wi-Fi Service
- MERV 11 Filter
- Integrated Handles
- Safety Grates
- Filter Hour Indicator
- Small Footprint
- Lightweight
- Five-Year Warranty



**10" Collars Included**

(With the DH100)

**8" Collars Included**

(With the DH75)

## Accessories

- Hanging Kit (**GFI #6560**)
- Bracket (For Attaching Pump) (**GFI #7147**)
- WHD15 - 8" Motorized Damper Kit (**GFI #7450**)

## APP

- Download the GeneralAire® Wi-Fi APP (Smart Device Not Included). Find on Google Play & Your Smart Device APP Store.



**GeneralAire  
Wi-Fi APP**

## Support on [www.GeneralFilters.com](http://www.GeneralFilters.com)

- Installation Manual
- Brochures
- Spec Sheets
- Parts Drawings
- Visit our website for a complete library of help topics. Click on Support/Help Topics/Dehumidifier Help Topics.

## Maintenance

- Replace the MERV 11 filter once every 6 to 12 months.
- Check drain pan, and other components for buildup or blockage. If present, clean with vinegar/water solution.



**GFI #7143**

For DH75

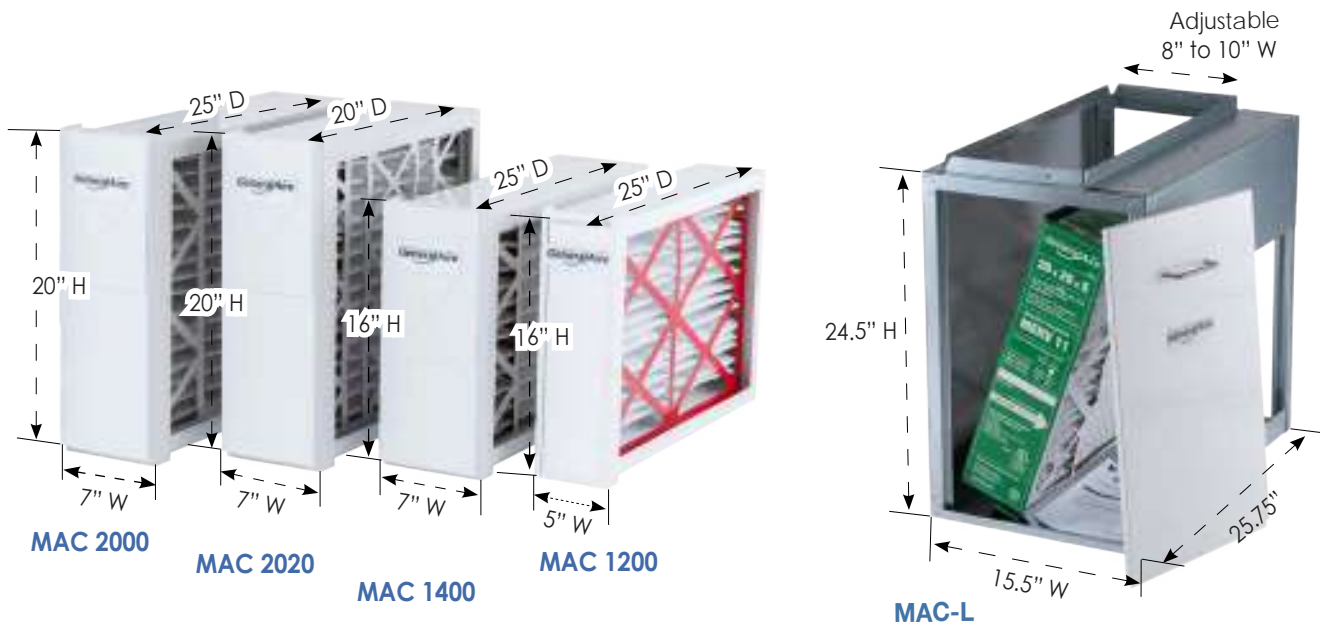
**GFI #7144**

For DH100



BREATHE HEALTHIER®  
**GeneralAire®**

# Air Cleaners - MAC



	MAC 2000	MAC 2020	MAC 1400	MAC 1200	MAC-L	PERFECT PLATFORM
Order Number	GFI #4500	GFI #4530	GFI #4510	GFI #4520	GFI #4540	GFI #4545
Type	Cartridge	Cartridge	Cartridge	Cartridge	Cartridge	Cartridge
MERV Rating	11	11	11	8	11	11
Minimum Ave. Efficiency 1.0 to 3.0 Microns	75%	75%	75%	53.1%	75%	75%
Air Flow (CFM)	2000	1400	1400	1200	2000	2000
Warranty (Years)	10					
Dimensions (Inches H x W x D)	20 x 25 x 7	20 x 20 x 7	16 x 25 x 7	16 x 25 x 5	24.5 x 25.75 x 15.5	28.5 x 43 x 14.5
Weight (Pounds)	15	15	14	11	32	58
Pallet Quantity	16	16	16	20	8	9
Replacement Filter MERV 11 (Replace Every 6 Months)	6FM2025 (GFI #4551)	6FM2020 (GFI #4556)	6FM1625 (GFI #4541)	3FM1625 (GFI #4521)	6FM2025 (GFI #4551)	6FM2025 (GFI #4551)
Optional Replacement Filter MERV 13 (Replace Every 6 Months)	8FM2025 (GFI #4557)	NA	8FM1625 (GFI #4547)	NA	8FM2025 (GFI #4557)	8FM2025 (GFI #4557)
Initial Pressure Drop	.28 in w.c.	.28 in w.c.	.28 in w.c.	.16 in w.c.	.26 in w.c.	.26 in w.c.
Typical Application	Inline	Inline	Inline	Inline	Inline (Right Angle)	Flat (Below Furnace)
In the Box	Air Cleaner, Filter, Installation Manual					

# Air Cleaners - MAC



## Features

- Snap Action Thermoplastic Molded Doors (MAC 1200, 1400, 2000, 2020)
- Easy Lift & Tilt Doors (MAC-L, Perfect Platform)
- Space Saving (MAC-L, Perfect Platform)
- Ten-Year Warranty

## Support on [www.GeneralFilters.com](http://www.GeneralFilters.com)

- Maintenance Videos
- Installation Manuals
- Brochures
- Spec Sheet
- Parts Drawings

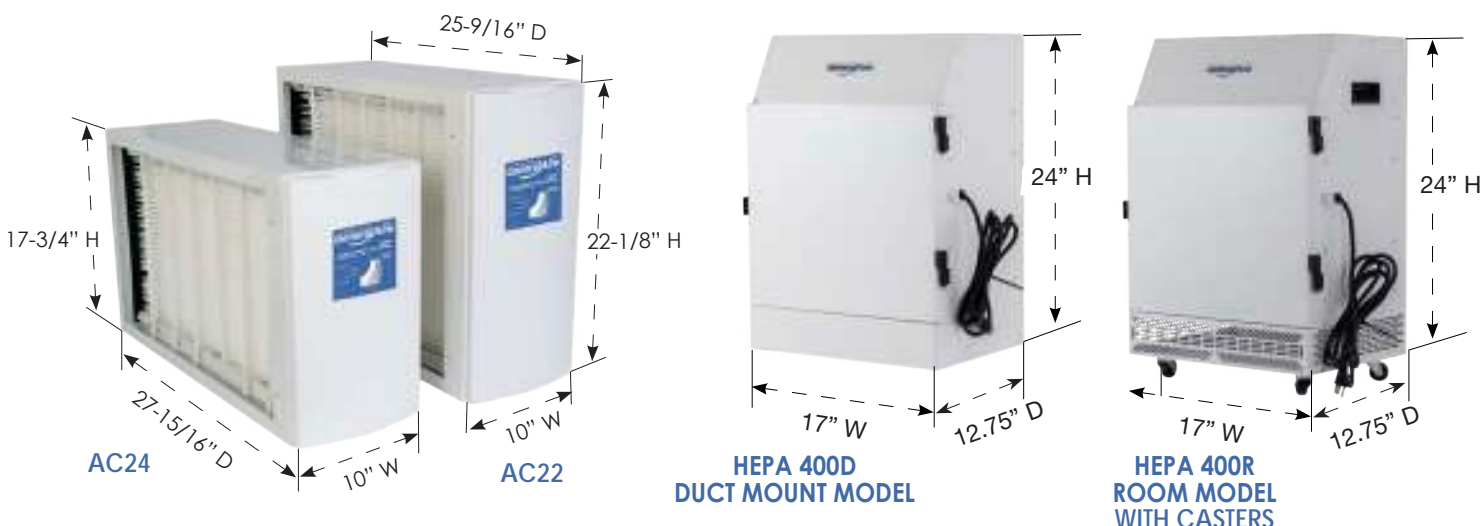
## Maintenance

- Replace the filter once every 6 to 12 months



BREATHE HEALTHIER®  
**General Air®**

# Air Cleaners - AC, HEPA



	AC22	AC24	400D HEPA	400R HEPA
Order Number	GFI #4422	GFI #4424	GFI #4640	GFI #4641
Type	Expandable Media	Expandable Media	Cartridge	Cartridge
MERV	11	11	HEPA - Duct Mount	HEPA - Room
Rated Air Flow (CFM) / Sq. Ft.	2000	2000	400 / 4500 Square Feet	
Power	NA		115V / 1 / 60Hz;	
Amps	NA		2.75	
Warranty (Years)	10		5	
Dimensions (Inches H x W x D)	22-1/8 x 10 x 25-9/16	17-3/4 x 10 x 27-15/16	24 x 17 x 12.75	
Weight (Pounds)	32	34	47	44
Pallet Quantity	10		18	
Replacement Filter (1. Replace every 6-12 months) (2. Replace every 2 years)	1. 12758 (GFI #4001)	1. 401 - 13156 (GFI #4051)	1. HEPA Filter (GFI #4645) 2. Pre-Filter (GFI #4646)	
Inlet Duct Opening (Inches)	19.813 x 21.813	15.438 x 23.813	8	NA
Outlet Duct Opening (Inches)	19.813 x 22	15.438 x 24.5	8	NA
Filter Area (Sq. Ft.)	77.1	72.3	NA	NA
Operation	Air Flow From Furnace Through Air Cleaner			Room
Installation	Return Air Duct	Return Air Duct	Return Air Duct	Room
Typical Application	Inline	Inline	Duct (bypass) or Wall (remote)	Room Placement
In the Box	Air Cleaner, Filter, Pleat Spacers, Installation Manual		Air Cleaner, Filters, Installation Manual	Air Cleaner, Filters, Casters, Installation Manual

## Features

### AC Air Cleaners

- Built-In Filter Change Indicator
- Ten-Year Warranty

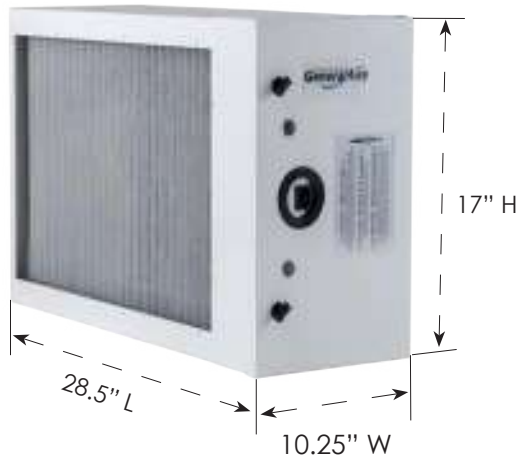


### 400D / 400R - HEPA Air Cleaners

- Variable- Speed Motor
- Child Safety Switch
- Easy-Open Door Latch
- Five-Year Warranty



# Air Cleaners - TERSus



TERSus 1200

## New Filter Technology



TERSus 2000

	TERSus 1200	TERSus 2000
Order Number	GFI #4570	GFI #4560
Capacity	(1.5 to 3.0 Tons)	(1.5 to 4.0 Tons)
Power	120V/60 Hz .6 Amps 49.2 Watts	120V/60 Hz .6 Amps 49.2 Watts
Fuse	Replace Only With AGC-2	Replace Only With AGC-2
Warranty (Years)	5	
Dimensions (Inches H x W x D)	17 x 10.25 x 28.5	21 x 10.25 x 28.5
Weight (Pounds)	23	36
Pallet Quantity	10	10
Replacement Lamp (Replace Annually)	LT016 (GFI #4564) (2 Required)	LT016 (GFI #4564) (2 Required)
Replacement Filter (Replace Every 6-12 Months)	MERV 13 (GFI #4581)	MERV 13 (GFI #4582)
Max Face Velocity (FPM)	500	625
Max Air Flow (CFM)	1200	1600
U. V. Range (NM)	253.7	253.7
U. V. Type	Germicidal	Germicidal
Typical Application	3 Ton Drive Air Handler / Furnace	4 Ton Drive Air Handler / Furnace
In the Box	Air Cleaner, Filter, UV Lamps, Power Cord, Installation Manual	

## Features

- Photocatalytic Oxidation, Filtration, And UV Air Purification
- Five-Year Warranty
- ETL Rating



## Support on [www.GeneralFilters.com](http://www.GeneralFilters.com)

- Maintenance Videos
- Installation Manuals
- Brochures
- Spec Sheets
- Parts Drawings

## Maintenance

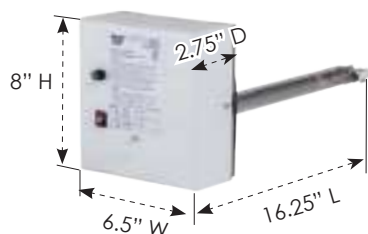
- Replace filters and lamps as recommended.
- TERSus: Be sure unit is turned off during lamp installation or replacement.
- Do not look directly at lamps that are on.
- Do not touch lamps with bare hands.



BREATHE HEALTHIER®  
**GeneralAire®**

# UV Air Purifiers - Residential Duct Mount Models

**IMPORTANT:** The strength of our UV Air Purifiers may cause damage to skin and eyes if not handled correctly; therefore, all installations and lamp replacements should be conducted only by a qualified contractor. These are NOT to be used to disinfect clothing or other personal items. These are NOT to be turned on or used when outside a duct. Do not look directly at a bulb that has been turned on. Do not touch a bulb with your bare hands.

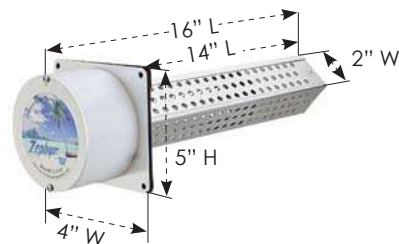


## MODEL 2000

Two high output UVC lamps produce the germicidal sanitization, while the PCO process removes odors.

## Features

- Excellent Odor Control
- Reduces Germs, Bacteria, and Viruses
- Incorporates Photocatalytic Oxidation For Maximum Effectiveness



## MODEL 2124-Z (24V)

A highly effective odor control model that benefits from both the Singlet Oxygen System and our PCO process. Includes a two-year lamp.

## Maintenance

- Replace Lamp(s) Every 2 Years

MODEL ORDER #	2018 GFI #4918	2000 GFI #4919	2000-230 GFI #4907	2124-Z GFI #4904
SYSTEM CAPACITY (MAX SQ. FT.)	2.5t (1700 ft <sup>2</sup> )	5t (4000 ft <sup>2</sup> )	5t (4000 ft <sup>2</sup> )	5t (4000 ft <sup>2</sup> )
POWER REQUIREMENT	110V	110V	230V	24V
AMPERAGE DRAW	0.7A	0.7A	0.3A	0.9A
LINE CORD	120V	120V	240V	HARD WIRE
STARTING	PLUG-IN	PLUG-IN	PLUG-IN	HARD WIRE
NUMBER OF LAMPS	1	2	2	1
LAMP SIZE	18"	18"	18"	14"
DEVICE UV INTENSITY ( $\mu\text{w}/\text{cm}^2$ ) 12" FROM SOURCE	1536	3072	3072	703
ODOR CONTROL	•	•	•	•
PHOTO-CATALYTIC OXIDATION (PCO) MODULE	•	•	•	•
SINGLET OXYGEN SYSTEM (YIELDS RESIDUAL O <sub>3</sub> )				•
OPTIONAL FIBERGLASS DUCT BOARD PART NO.	102-950	102-950	102-950	INCLUDED
OPTIONAL SINGLET OXYGEN LAMP (YIELDS RESIDUAL O <sub>3</sub> )	1076R-03	1076R-03	1076R-03	N/A
REPLACEMENT LAMP(S)	1076-R (GFI #4948)	1076-R (GFI #4948)	1076-R (GFI #4948)	1082 SIPT (GFI #4941)
REPLACEMENT BALLAST	1060E-R (GFI #4964)	1060E-R (GFI #4964)	1060E-R (GFI #4964)	010303 (GFI #4961)

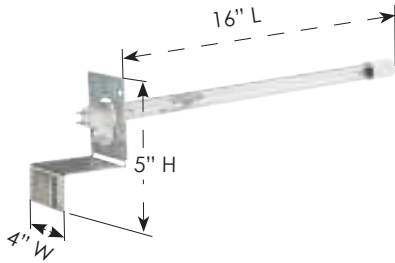


DISCLAIMER: THE HEALTH ASPECTS ASSOCIATED WITH THE USE OF THIS PRODUCT AND ITS ABILITY TO AID IN DISINFECTION OF ENVIRONMENTAL AIR HAVE NOT BEEN INVESTIGATED BY UL.



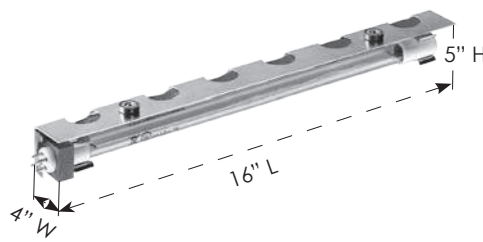
# UV Air Purifiers - Residential Coil Clean Models

**IMPORTANT:** The strength of our UV Air Purifiers may cause damage to skin and eyes if not handled correctly; therefore, all installations and lamp replacements should be conducted only by a qualified contractor. These are NOT to be used to disinfect clothing or other personal items. These are NOT to be turned on or used when outside a duct. Do not look directly at a bulb that has been turned on. Do not touch a bulb with your bare hands.



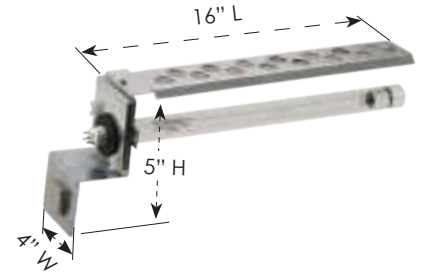
**MODEL 2414**

Our standard system used for coil and surrounding air disinfection. Sister part with O<sub>3</sub> suffix provides odor control.



**MODEL 2414-FC**

Magnetic mounts attached to the PCO module enable the lamp to be positioned securely to the fan coil blower housing.



**MODEL 2414-PREMIUM**

Designed with a ballast that includes a Lamp Change Alert. Install inside the air handler or through the walls of duct board and sheet metal.

## Features

- Keeps Coils Clean
- Magnet Mount
- PCO Models Eliminate Odors

## Support on [www.GeneralFilters.com](http://www.GeneralFilters.com)

- Installation Manual
- Brochures

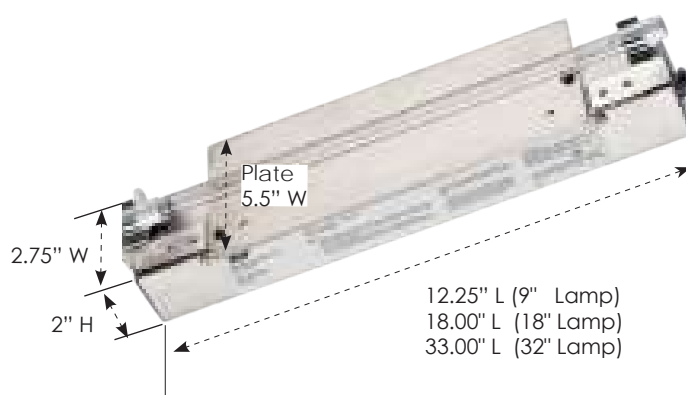
MODEL ORDER #	2412-FC GFI #4922	2412-03-FC GFI #4921	2414 GFI #4925	2414-03 GFI #4917	2414-PREMIUM GFI #4901
POWER REQUIREMENT	24V				
AMPERAGE DRAW	0.9A				
LINE CORD	NO				
STARTING	HARD WIRE				
LAMP SIZE	12"	12"	14"	14"	14"
DEVICE UV INTENSITY ( $\mu\text{w}/\text{cm}^2$ ) 12" FROM SOURCE	621	621	704	704	704
MOLD INACTIVATION	•	•	•	•	•
INACTIVATES BACTERIA AND MICRO-ORGANISM	•	•	•	•	•
ODOR CONTROL	•	•		•	•
PHOTO-CATALYTIC OXIDATION (PCO) MODULE	•	•			•
MAGNET MOUNTS	YES				
MOUNT TO FAN COIL HOUSING	•	•			
MOUNT TO DUCT BOARD/METAL DUCTING					•
SINGLET OXYGEN SYSTEM (YIELD RESIDUAL O <sub>3</sub> )		•		•	
SHIELDED LAMP FOR HIGH HUMIDITY INSTALLATION					•
REPLACEMENT LAMP	1083LR (GFI #4937)	1083LR-03 (GFI #4936)	1082LR (GFI #4951)	1082 SIPT (GFI #4941)	102-959 (GFI #4953)
REPLACEMENT BALLAST	010090 (GFI #4962)	010090 (GFI #4962)	010090 (GFI #4962)	010090 (GFI #4962)	010303 (GFI #4961)



DISCLAIMER: THE HEALTH ASPECTS ASSOCIATED WITH THE USE OF THIS PRODUCT AND ITS ABILITY TO AID IN DISINFECTION OF ENVIRONMENTAL AIR HAVE NOT BEEN INVESTIGATED BY UL.



# UV Air Purifiers - Commercial Models



Overall Height From Base to Top of Bulb is:

- 5" for SL Models
- 8" for DL Models

## NEMA SERIES: MODEL 3018

## 5000 SERIES: MODEL 5018SL

MODEL ORDER #	2000-230 OD GFI #4906	3018 GFI #4955	3024 GFI #4957	3032 GFI #4958	5009SL GFI #4910	5009DL GFI #4911	5018SL GFI #4912	5018DL GFI #4913	5036SL GFI #4908	5036DL GFI #4909
POWER REQUIREMENT	120-277V				120-277V					
AMPERAGE DRAW	0.9A AT 120V / 0.4A AT 277V				0.9A AT 120V / 0.4A AT 277V					
LINE CORD	N/A				N/A					
STARTING	HARDWIRE				HARDWIRE					
LAMP SIZE	18"	18"	24"	32"	9"	9"	18"	18"	32"	32"
NUMBER OF LAMPS	2	1	1	1	1	2	1	2	1	2
DEVICE UV INTENSITY ( $\mu\text{W}/\text{cm}^2$ ) 12" FROM SOURCE	3264	1632	2370	3108	600	1200	1632	3264	3108	6216
MOLD INACTIVATION	•	•	•	•	•	•	•	•	•	•
INACTIVATES BACTERIA AND MICRO-ORGANISM	•	•	•	•	•	•	•	•	•	•
ODOR CONTROL	•				•	•	•	•	•	•
PHOTO-CATALYTIC OXIDATION (PCO) MODULE	•				•	•	•	•	•	•
REPLACEMENT LAMP	1076-1R SP GFI #4950	1076-1R SP GFI #4950	1097B-R GFI #4931	1081B-R GFI #4943	1068B-R GFI #4946	1068B-R GFI #4946	1076-R GFI #4948	1076-R GFI #4948	1081-2R GFI #4942	1081-2R GFI #4942
REPLACEMENT BALLAST	5000B-R GFI #4963				5000B-R GFI #4963					

All units are installed with germicidal UV lamps and PCO modules supplying purification and odor removal to the air in commercial applications. The NEMA 4 Series (2000-230D, 3018, 3024, 3032) provides the appropriate UV dose to inactivate mold, bacteria and viruses. Available in rooftop and outdoor applications, units are mounted in 3 different lamp lengths to address various duct sizes.



DISCLAIMER: THE HEALTH ASPECTS ASSOCIATED WITH THE USE OF THIS PRODUCT AND ITS ABILITY TO AID IN DISINFECTION OF ENVIRONMENTAL AIR HAVE NOT BEEN INVESTIGATED BY UL.



# UV Air Purifiers - Commercial Models

## HVAC system contamination in buildings and public spaces can be unhealthy and costly.

Whether an office, school, church, hospital, or restaurant, studies have shown that breathing airborne pollutants has a wide variety of harmful effects not only on one's health, but the ability to sleep, concentrate, and simply be at one's best.

Airborne mold and mildew spores from contaminated HVAC coils are passed with the air supply throughout the building to become a health hazard.



Sick building syndrome results in increased absenteeism, reduced work efficiency, and deteriorating employee morale.

IAQ is a significant issue in health care. Airborne organisms common in the environment can pose a serious threat to a patient who is immune-compromised. A patient ill with a respiratory infection can spread dangerous microbes to other patients, staff, and visitors.

98% of hospital-acquired bacterial infections are transmitted from the air.

Ultraviolet (UV) light disinfection is now widely used in office buildings, hospitals, churches, and laboratories to sanitize instruments and work surfaces, and to prevent the spread of potential airborne infectious diseases.

Second Wind™ Commercial UV Air Purifiers inactivate pathogens to mitigate health risks.



Contact your Second Wind™ / General Filters sales agent for more information.

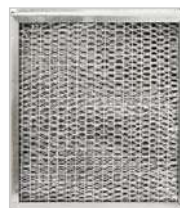
BREATHE HEALTHIER®  
**GeneralAire®**

# Replacement Vapor Pads & Solenoid Valves

## Humidifier Vapor Pad®

**7002** 990-13 for GeneralAire® models 709, 990, 1040, 1042LH, 1137, & SL16

**7047** 1099-20 for GeneralAire® obsolete models 950 & 1099 series (L/LH/R)



990-13 and 1099-20  
Includes a Metal Frame



## Humidifier Vapor Pad®

**7919** GA900 for GeneralAire® models 900 & 1000

**7900** GA570 for GeneralAire® model 570

**7923** GA23 for GeneralAire® models 950 & 1099LHS

**7901** GA12 for Aprilaire® models 224, 112, 440, 445A & 445

**7902** GA35 for GeneralAire® model 4200;  
Fits Aprilaire® models 350, 360, 568, 560, 600, 768, 760 & 700

**7905** GA10 for GeneralAire® model 3200  
Fits Aprilaire® models 110, 220, 558, 550 and 500;  
Fits Honeywell models HE220 & HE225



## Solenoid Valves

**7225** 4200-05 24V Solenoid Valve for GeneralAire® 3200 & 4200

**7224** 4400-05 24V Solenoid Valve for 4400A

**7221** GA4040 24V with stainless steel seat  
For GeneralAire® models 570, 900, and 1099LHS  
Fits Aprilaire® model humidifiers  
Fits Honeywell model humidifiers



**7014** 990-53 Solenoid Valve 24V for GeneralAire® models 1042, 1137

**7052** 1099-42 Solenoid Valve 24V for GeneralAire® obsolete  
models 1099L/LH/R

**7341** 1137-17 Solenoid Valve 115V for GeneralAire® model 1137  
For older models manufactured before July 2006



# Controls



## Automatic Digital Humidistat

### 7170 GFX4 Automatic Digital Temperature Compensating Humidistat

- Wall Or Duct Mount
- 24V
- 10% To 75% Relative Humidity Control Range
- Contemporary Design
- Extremely Accurate
- Can Be Used In Manual Or Automatic Mode
- Use In Automatic Mode By Installing The Outdoor Temperature Sensor
- Informative Backlit Display
- Controls The Furnace Blower Motor



## Manual Control Duct or Wall Mount Humidistat

### 7038 MHX3C Manual Control Wall Mount Humidistat

- Manual Mode Operation
- Can Be Mounted On Duct Or Wall (Wall Mount Housing Pre-Installed)
- Contemporary Design For Living Space Mounting



## Manual Control Duct or Wall Mount Dehumidistat

### 7175 DHX3C Manual Control Wall or Duct Mount De-Humidistat

- Manual Mode Operation
- Contemporary Design For Living Space Mounting
- Included In Box:

**GFI #7058** - Optional CRD3 Comfort Dial (To Use As A Humidistat)



BREATHE HEALTHIER®  
**GeneralAire®**

# Air Filter Media

## GeneralAire® MAC Series

- 4521** 3FM1625 MERV 8 16 x 25 x 3 Media for MAC1200  
(Actual Dimension 16" x 24.25" x 2.938")  
Replaces TRION AirBear Cub; TRION media part #255649-101.
- 4551** 6FM2025 MERV 11 20 x 25 x 5 Media for MAC 2000, 3000 Models, MAC-L and Perfect Platform.  
Replaces TRION AirBear Supreme 2000; TRION media part #255649-102.  
(Actual Dimension 20.125" x 24.25" x 4.938")
- 4556** 6FM2020 MERV 11 20 x 20 x 5 Media for MAC 2020  
Replaces TRION AirBear Supreme 20x20; TRION media part #255649-103.  
(Actual Dimension 20.25" x 20.688" x 4.938")
- 4541** 6FM1625 MERV 11 16 x 25 x 5 Media for MAC 1400, 2400 Models  
Replaces TRION AirBear Supreme 1400; TRION media part #255649-105.  
(Actual Dimension 16.125" x 24.25" x 4.938")
- 4547** 8FM1625 MERV 13 16 x 25 x 5 Media for MAC 1400, 2400 Models  
Replaces TRION AirBear Supreme 1400; TRION media part #255649-105.  
(Actual Dimension 16.125" x 24.25" x 4.938")
- 4557** 8FM2025 MERV 13 20 x 25 x 5 Media for MAC 2000, 3000 Models, MAC-L and Perfect Platform. Replaces TRION AirBear Supreme 2000; TRION media part #255649-102.  
(Actual Dimension 20.125" x 24.25" x 4.938")

**GFI  
#4551**  
Standard  
Package: 6



**GFI  
#4556**  
Standard  
Package: 3

**GFI  
#4541**  
Standard  
Package: 6

**GFI  
#4521**  
Standard  
Package: 10



**GFI  
#4547**  
Standard  
Package: 6

**GFI  
#4557**  
Standard  
Package: 6

## Honeywell Series

- 4368** 11-GA100A37 20 x 25 MERV 11 Media  
Replaces Honeywell part #FC100A1037  
(Actual Dimension 19.813" x 24.688" x 4.375")
- 4366** 11-GA100A29 16 x 25 MERV 11 Media  
Replaces Honeywell part #FC100A1029  
(Actual Dimension 15.813" x 24.813" x 4.375")
- 4367** 11-GA100A11 20 x 20 MERV 11 Media  
Replaces Honeywell part #FC100A1011  
(Actual Dimension 19.813" x 19.813" x 4.375")
- 4365** 11-GA100A03 16 x 20 MERV 11 Media  
Replaces Honeywell part #FC100A1003  
(Actual Dimension 15.813" x 19.75" x 4.375")

**GFI  
#4368**  
Standard  
Package: 3

**GFI  
#4366**  
Standard  
Package: 5

**GFI  
#4367**  
Standard  
Package: 3

**GFI  
#4365**  
Standard  
Package: 5



# Air Filter Media

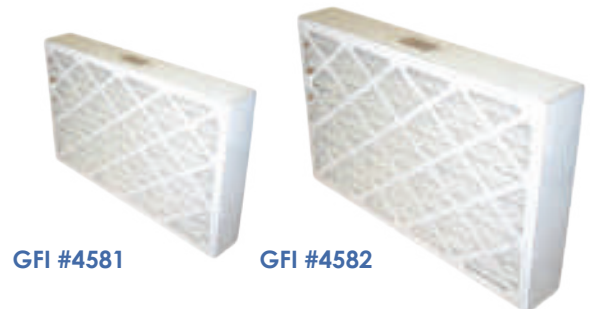
## Replacement Filter Media

- 4050** 201-12880 MERV 11 Expandable Strung Media for Aprilaire® 2200. Standard Package: 9 (24.5" x 6.5" - 39 Pleats)
- 4051** 401-13156 MERV 11 Expandable Media for AC24, Aprilaire® 2400. Standard Package: 9 (27.25" x 6.25" - 32 Pleats)
- 4001** 12758 Micro Fiber MERV 11 Expandable Media for AC1, AC22. Standard Package: 9 (25" x 6" - 37 Pleats)
- 4401** 13415 Micro Fiber MERV 11 Expandable Media for AC4. Standard Package: 6 (25" x 6" - 29 Pleats)



## TERSus Replacement Filter Media

- 4581** MERV 13 16 X 25 X 4 for TERSus 1200
- 4582** MERV 13 20 X 25 X 4 for TERSus 2000



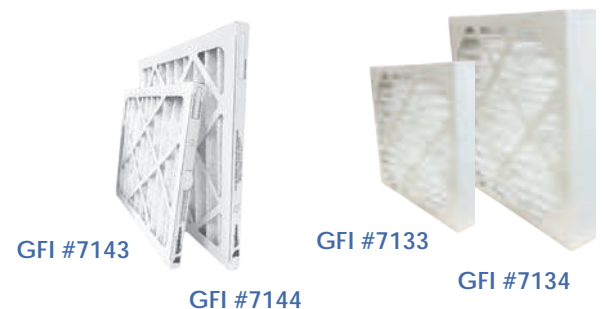
## HEPA Replacement Components

- 4645** HEPA Filter for 400D, 400R, AC500 11.5" x 15.438" x 2.5"
- 4646** PreFilter for 400D, 400R, AC500 11.5" x 15.438" x 1.875"
- 4650** CMK500 Collar Mount Adaptor Kit for AC500



## Dehumidifier Replacement Filter Media

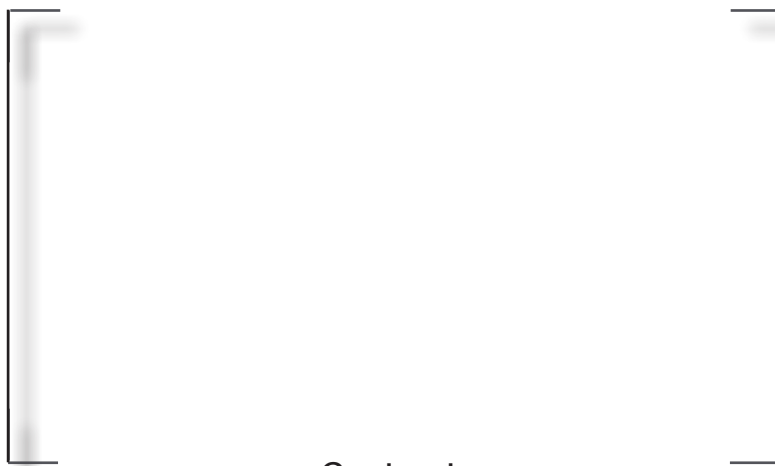
- 7143** MERV 11 9.75 x 11.75 x .75 For DH75
- 7144** MERV 11 11.75 x 11.75 x .75 For DH100
- 7133** MERV 11 11.75 x 11.75 x 1.75 For DH70
- 7134** MERV 11 13.375 x 13.375 x 1.75 For DH95





# Residential Indoor Air Quality **PRODUCTS** Catalog

Wholesaler  
Contact Information



Contractor  
Contact Information

Humidifiers | Dehumidifiers

Air Cleaners | UV Air Purifiers

**GeneralAire® | Second Wind™**

Email USA PO's to: [wholesaleorders@generalfilters.com](mailto:wholesaleorders@generalfilters.com) • Canada PO's to [sales@generalaireiaq.ca](mailto:sales@generalaireiaq.ca)



**General Filters**  
Inc.

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