



GENERAL FILTERS
INCORPORATED

GeneralAire® Models 1042LH

Flow Through Humidifier

Legacy Series Humidifier
Residential Whole-House (GFI #5144)

Spec Sheet

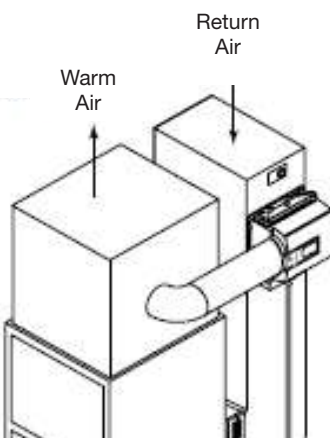
1042LH (GFI #5144)	
Type	Flow-Through Humidifier
GPD (Based on 120° Plenum Temperature)	17
Dimensions (Inches)	14 H x 15-1/8 W x 9 D
Weight (Pounds)	13
Replacement Vapor Pad®	990-13 (GFI#7002) (Replace 1-2 Times Per Season)
Home Size (Sq. Ft.)	To 2,800
Installation	Warm Air / Return Air Plenum / Right of Left Side
Plenum Opening (Inches)	13-5/8 W X 9-1/2 H
Bypass Opening (Inches)	6
Pallet Qty.	30
Cabinet Construction	UV-Stable Automotive Grade Plastic
Humidistat	MHX3C
Voltage (Volts)	24
Warranty (Years)	5
In The Box	Humidifier, humidistat, Installation Instructions, Vapor Pad®, Parts Kit, Drain Hose, Transformer, Metal Distributor Tube, Damper, 15'-5/8" Drain Hose, Drain Pan, Solenoid Valve.



Typical Installations

Installation Options:

- Warm Air Plenum
- Return Air Plenum
- Right or Left Bypass
- Vertical or Horizontal
- Furnace or Air Handler



MHX3C
Manual Humidistat
GFI #7038
Included



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Expected Humidity Performance Coverage in Sq. Ft. Based on Construction Type:

Model No.	GPD	Loose (0.75 AC/H)	Average (0.50 AC/H)	Tight (0.30 A/CH)
1042LH	17	800 Sq. Ft.	1500 Sq. Ft.	2800 Sq. Ft.
1099LHS	19	1175 Sq. Ft.	1770 Sq. Ft.	3000 Sq. Ft.
1137	18	1175 Sq. Ft.	1770 Sq. Ft.	3000 Sq. Ft.
SL16	17	800 Sq. Ft.	1500 Sq. Ft.	2800 Sq. Ft.

Go to [www.generalaire.com / support / humidification calculator](http://www.generalaire.com/support/humidification-calculator) to assist in humidifier selection.

Humidifier Performance Baseline Criteria

Outside Design Temp.	0°F (-18°C)
Outside Design R.H.	70% R.H.
Inside Design Temp.	70°F (21°C)
Inside Design R.H.	30% R.H.
Air Changes / Hour (AC/H)	0.30
Ceiling Height	8 ft.
Furnace Plenum Temp.	120°F (49°C)
Furnace Run Time for Calculating Sq. Ft.	8 Hr. / Day

Recommended Settings:

At Outside Temperature		Recommended Setting
-20°F	-29°C	15%
-10°F	-23°C	20%
0°F	-18°C	25%
10°F	-12°C	30%
20°F	-7°C	35%
30°F	-1°C	40%

Use Plastic Tubing for
Cold Water Supply

Use Copper Tubing for
Hot Water Supply

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

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