



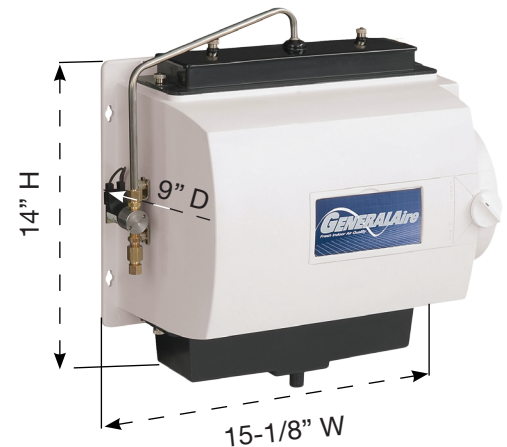
GENERAL FILTERS
INCORPORATED

GeneralAire® Models 1042LH
Flow Through Humidifier

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

Spec Sheet

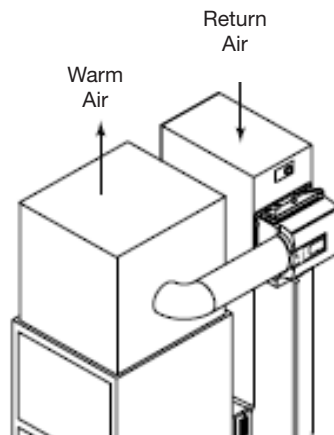
| 1042LH (GFI #5144) | |
|--|--|
| Type | Flow-Through Humidifier |
| GPD (Based on 120° Plenum Temperature) | 17 |
| Dimensions (Inches) | 14 H x 15-1/8 W x 9 D |
| Weight (Pounds) | 13 |
| Replacement Vapor Pad® | 990-13 (GFI#7002) (Replace 1-2 Times Per Season) |
| Home Size (Sq. Ft.) | To 2,800 |
| Installation | Warm Air / Return Air Plenum / Right or 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



MXH3C
Manual Humidistat
GFI #7038
Included



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



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400 Midwest Rd.
Toronto, ON M1P3A9 Canada
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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



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

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