



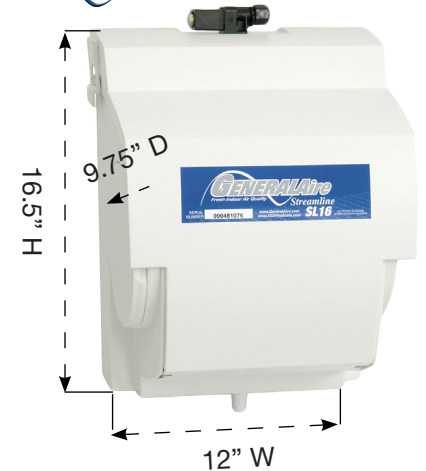
GENERAL FILTERS
INCORPORATED

GeneralAire® Model SL16
Flow Through Humidifier

Legacy Series Humidifier
Residential Whole-House (GFI #5000)

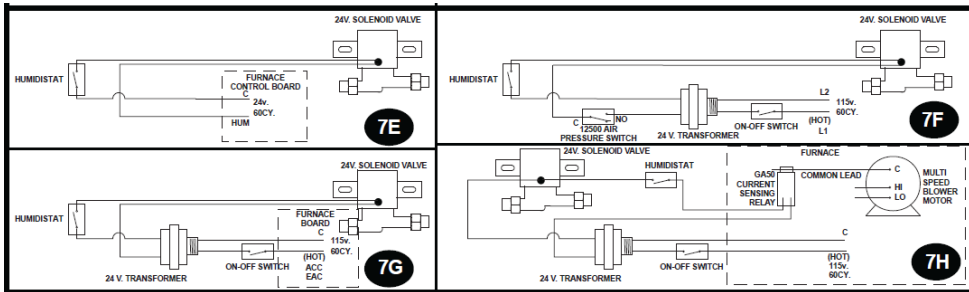
Spec Sheet

SL16 (GFI #5000)	
Type	Bypass Flow Through Humidifier
GPD	17 Based on 120° Plenum Temperature
Warranty (Years)	5
Replacement Vapor Pad®	990-13 (GFI#7002) (Replace 1-2 Times Per Season)
Dimensions (Inches)	16.5 H x 12 W x 9.75 D
Weight (Pounds)	8
Home Size (Sq. Ft)	To 2,800
Installation	Warm Air / Return Air Plenum
Plenum Opening (Inches)	7.5 W X 8.25 H
Bypass Opening (inches)	6
Pallet Qty.	40
Cabinet Construction	Ultra-Violet Stable Automotive Grade Plastic
Humidistat	MHX3C
In Box	Humidifier, humidistat, Installation Instructions, Vapor Pad®, Parts Kit, Drain Hose, Transformer, Solenoid Valve.
Voltage	24V



MHX3C
Manual Humidistat
GFI #7038
Included

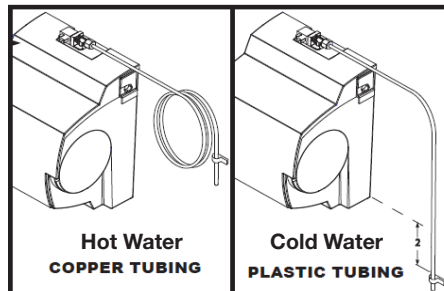
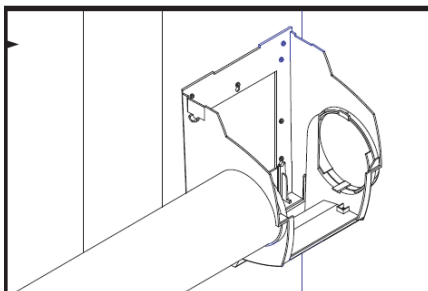
Wiring Illustration



Manual Humidistat

7E-7H Manual Humidistat

- 7E - To furnace control board 24 Volts
- 7F - To constant power using 24V transformer and pressure switch
- 7G - To furnace control board 115 Volts with 24V transformer
- 7H - To constant power using 24V relay and current sensing relay



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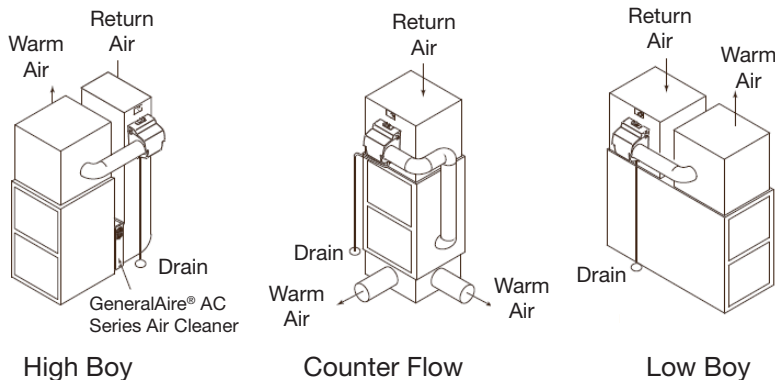




GeneralAire® Model SL16
Flow Through Humidifier

Spec Sheet

Typical Installations



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%

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 center / 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

Our Brands



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