

GeneralAire® Humidifier Model SL16

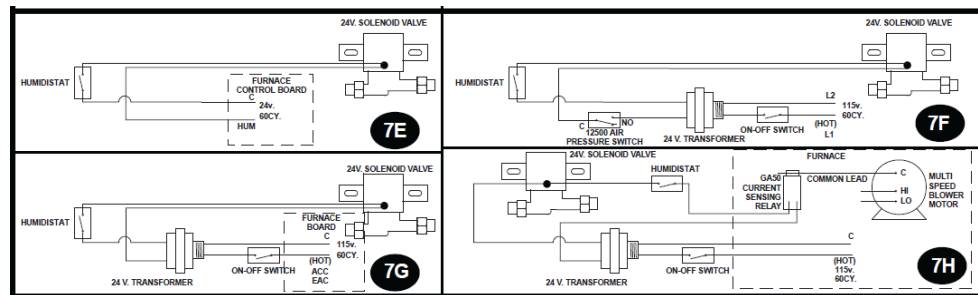
Spec Sheet

Specifications:

- **Model:** SL16 Legacy Flow Through Humidifier (GFI #5000)
- **Type:** Flow Through
- **GPD:** 17 Based on 120° Plenum Temperature
- **Warranty:** 5 Years
- **Replacement Vapor Pad®:** 990-13 (GFI#7002)
(Replace 1-2 times per season)
- **Dimensions:** 12" W x 16.5" H x 9.75" D
- **Weight:** 8 Lbs.
- **Home Size:** To 2,800 Sq. Ft.
- **Installation:** Warm Air / Return Air Plenum / Right or Left Side
- **Plenum Opening:** 7.5" W X 8.25" H
- **Bypass Duct:** 6"
- **Pallet Qty:** 40
- **Cabinet Construction:** DuraPlast® Ultra-Violet Stable Automotive Grade Plastic
- **Humidistat:** Models: MHX3 (Included)
- **In Box:** Humidifier, humidistat, Installation Instructions, Vapor Pad®, Parts Kit, Drain Hose, Transformer, Solenoid Valve.
- **Voltage:** 24V



Wiring Illustration

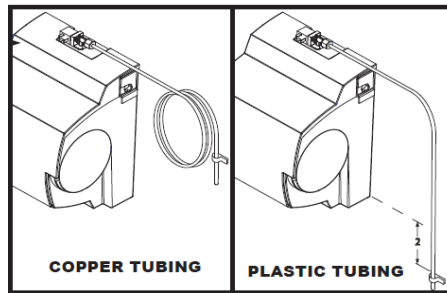
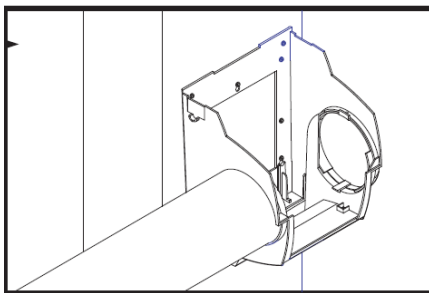


MHX3C
GFI #7038
Included

Manual Humidistat

7E-7H Manual Humidistat

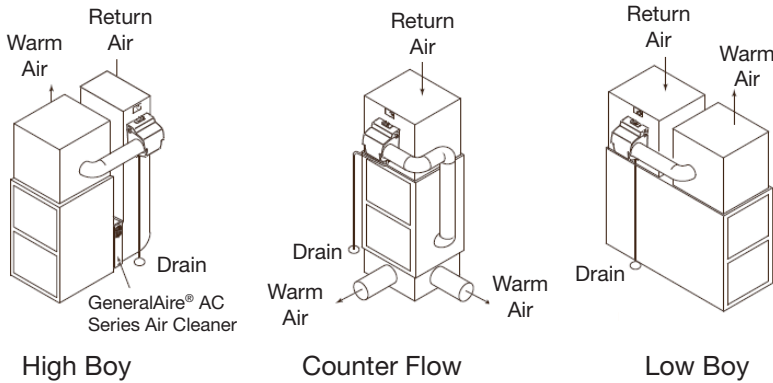
- 7E - To furnace control board 24 Volts
- 7F - To constant power using 24V transformer and pressure switch
- 7G - To furnace control board 115 Volts with 24V transformer
- 7H - To constant power using 24V relay and current sensing relay



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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](http://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