

LIMITED WARRANTY

This humidifier, if properly registered by the return of the warranty registration card to the manufacturer, is warranted to the consumer against defects in materials and workmanship for a period of one year from the date of installation. Evaporator pads, sleeves or plates are not covered by this limited warranty or any other warranties. Any other defective parts will be repaired without charge except for removal, reinstallation and transportation costs. To obtain repair service under this limited warranty, the consumer must send the defective part or the complete humidifier to the manufacturer.

THERE ARE NO EXPRESS WARRANTIES COVERING THIS HUMIDIFIER OTHER THAN AS SET FORTH ABOVE, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE LIMITED IN DURATION TO ONE YEAR. THE MANUFACTURER ASSUMES NO LIABILITY IN CONNECTION WITH THE INSTALLATION OR USE OF THIS PRODUCT, EXCEPT AS STATED IN THIS LIMITED WARRANTY. THE MANUFACTURER WILL IN NO EVENT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.

This limited warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Some states do not allow either limitations on implied warranties, or exclusions from incidental or consequential damages, so the above exclusion and limitation may not apply to you.

Any questions pertaining to this limited warranty should be addressed to the manufacturer. (U.S.A.: The manufacturer has elected not to make available the informal dispute settlement mechanism which is specified in the Magnuson-Moss Warranty Act.)

GENERAL FILTERS, INC. 43800 GRAND RIVER AVE. NOVI, MICHIGAN 48375-1115 WWW.GENERALAIRE.COM
CANADIAN GENERAL FILTERS, LTD. 39 CROCKFORD BLVD. SCARBOROUGH, ONTARIO M1R3B7 WWW.CGFPRODUCTS.COM

CARE AND MAINTENANCE

Your Humidifier is engineered to give helpful and trouble-free humidification. For maximum efficiency the following cleaning procedures should be carried out at the end of each heating season:

1. Turn off water supply and electrical power to humidifier.
2. Remove water distributor tube, distributor trough, evaporator pad and drain pan. The evaporator pad may be removed from either the top or bottom of the humidifier. Clean excessive mineral deposits from the distributor trough, cover, drain pan and humidifier cabinet. A solution of 1/2 vinegar & 1/2 water will help loosen mineral deposits.
3. If the evaporator pad has excessive mineral deposits, replace with a new "990-13" evaporator pad. Install trough and drain pan. Replace cover and the distributor tube to proper position over the distributor trough.
4. In heavy mineral areas or if the solenoid valve fails to function disconnect the 1/4" water supply line from the solenoid valve. Remove the brass strainer body (P.N. 990-18) from the solenoid valve. Carefully pull the strainer screen (P.N. 990-17) from the orifice fitting (P.N. 990-16). Clean the mineral deposits from all parts. If the orifice is clogged, it may be opened by inserting a small needle. Reinsert the filter into the orifice fitting and screw the brass strainer body into the solenoid valve.
5. Reconnect the 1/4" water line to the solenoid valve if necessary. Turn on the water supply and check all points for leakage. The operation of the unit may be checked by starting the furnace. The humidifier operates only when the furnace blower is running or the burner circuit is energized. The humidifier is now ready for operation.
6. During the summer, turn off water supply and electrical power to humidifier. Close air damper.

AT OUTSIDE TEMPERATURE	RECOMMENDED SETTING
-20°F -29°C	15%
-10°F -23°C	20%
0°F -18°C	25%
+10°F -29°C	30%
+20°F - 7°C	35%
+30°F - 1°C	40%

HOW THE HUMIDIFIER WORKS

The operating principle of the humidifier is based on the most efficient and economical means of evaporating water to the air. The humidifier uses only six watts of electrical power during operation, less than the smallest household light bulb. The heat necessary for evaporating water is produced by the furnace.

The water supply to the humidifier is controlled by the electric solenoid valve. The humidistat connected in series with the solenoid provides low voltage control of the humidifier. **The humidistat is designed for wall mounting in the living area or surface mounting on the return air duct.** ELECTRICAL RATING: 24 VAC / 60 Hz. **DO NOT SET RELATIVE HUMIDITY TOO HIGH DURING COLD WEATHER. EXCESSIVE HUMIDITY MAY CAUSE CONDENSATION ON WINDOWS OR IN WALLS. REFER TO RECOMMENDED SETTINGS AS DESCRIBED IN THE HUMIDISTAT OWNERS MANUAL.**

Water flows through a strainer, is metered through an orifice to provide the proper amount of water, and is supplied to the evaporator pad by the distributor trough. Approximately 200 CFM of air is by-passed from the warm air plenum through the humidifier and returned to the cold air plenum. Moisture is evaporated to the air passing through the evaporator pad.

Minerals are not blown into the air stream as occurs in atomizing humidifiers; they are left on the evaporator pad where a high percentage is carried off with the waste water.

When the humidifier is installed and operating, no adjustments are necessary other than setting the control knob on the humidistat to the desired level of humidification. Leave knob on the humidifier in "HI" or "WINTER" position.

To turn the humidifier off, close water supply valve, switch electrical power off and turn humidistat off. If furnace is used for summer cooling or ventilating set air damper on "LOW" or "SUMMER".

**LE PROPRIÉTAIRE DOIT REMPLIR LA CARTE
 DENREGISTREMENT ET LA POSTER AU :
 OWNER REGISTER ONLINE AT WWW.GENERALAIRE.COM OR
 FILL IN REGISTRATION
 GENERAL FILTERS, INC.
 43800 GRAND RIVER AVE
 AND MAIL TO: NOVI, MI 48375-1115**

WARRANTY REGISTRATION Enregistrement de la garantie

MODEL 1042LH MODEL 1042E MODEL 1042DM
 MODÈLE 1042LH MODÈLE 1042E MODÈLE 1042DM

OWNERS NAME _____
 Nom du propriétaire: _____
 STREET ADDRESS _____
 Adresse: _____

CITY _____ STATE _____ POSTAL CODE _____
 Ville: _____ Province: _____ Code postal: _____

DEALERS NAME _____
 Nom du marchand: _____
 STREET ADDRESS _____
 Adresse: _____

CITY _____ STATE _____ POSTAL CODE _____
 Ville: _____ Province: _____ Code postal: _____

DATE OF INSTALLATION _____ SERIAL NUMBER _____
 DATE DE INSTALLATION _____ NUMÉRO DE SÉRIE _____