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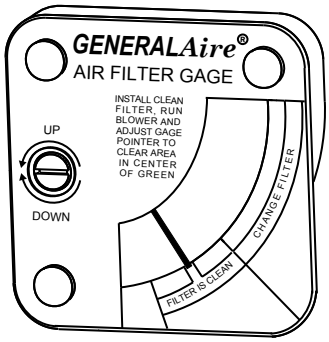
Find the *General Filters G-99* at our website: ***Click HERE***

INSTALLATION INSTRUCTIONS

GENERALAire®

RESIDENTIAL AIR TREATMENT PRODUCTS

MODEL G-99
AIR FILTER GAGE



APPLICATION

The G-99 Air Filter Gage provides a visual indication of the need to replace the air filters in forced air heating and cooling systems. The gage is installed between the blower and the filter where a slight vacuum exists due to the air flow resistance of the air filter. Air flowing into the gage, around the calibration screw, lifts a vane in proportion to the negative pressure in the blower compartment. As the air filter loads, the vacuum increases, raising the vane to indicate a filter change is necessary.

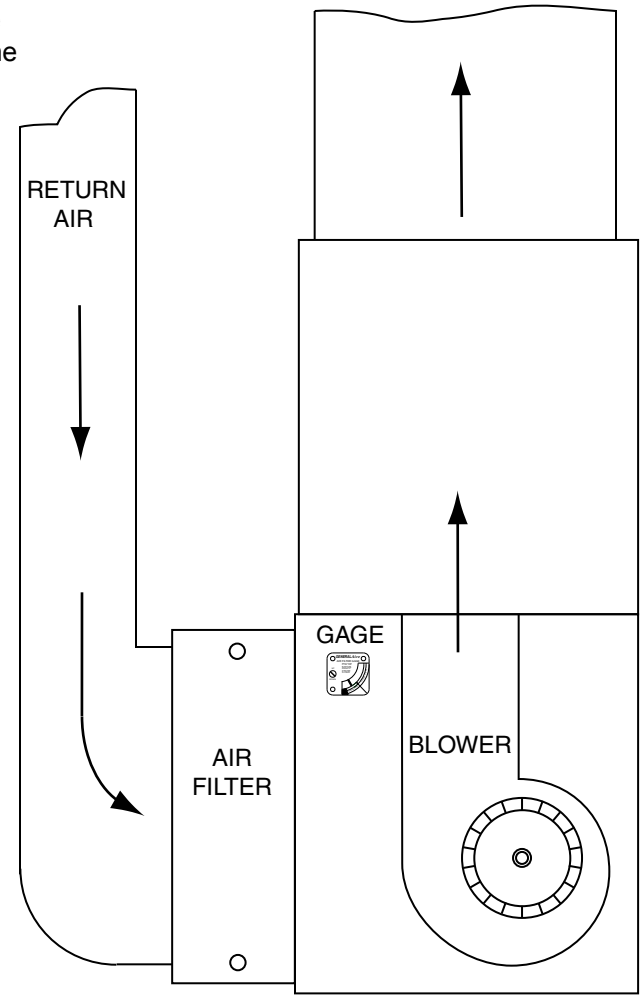
The gage may be calibrated in a negative pressure range from 0.1 to 0.4 inch w.c. When properly calibrated in this range a vacuum increase of 0.10 to 0.15 inch w.c. will indicate a filter change is necessary.

PRECAUTIONS

The installer should be an experienced service technician. When drilling the hole in the blower compartment extreme care should be taken not to damage components within the heating or cooling system.

INSTALLATION

The gage must be located where it can sense pressure conditions in the blower compartment between the filter and the blower. Select a location on a vertical surface enclosing the blower compartment and drill a 3/8" hole. Remove the protective paper from the foam adhesive strip on the back of the gage. Mount the gage in a ***level*** position with the pressure sensing tube projecting into the blower compartment.

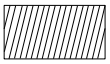


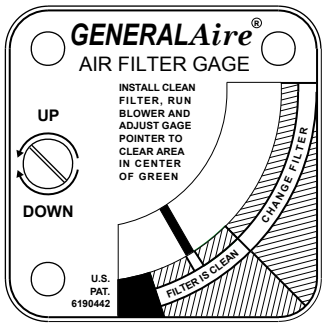
The gage may be remote mounted with a maximum length of 10 feet of 5/16 inch inside diameter vinyl tubing. Order remote Kit part No. G99-14

CALIBRATION

Install a clean filter and run blower on highest speed. With a small screwdriver adjust the calibration screw, on the face of the gage, to put the pointer in the clear area in the center of the green "FILTER IS CLEAN" range.

GREEN



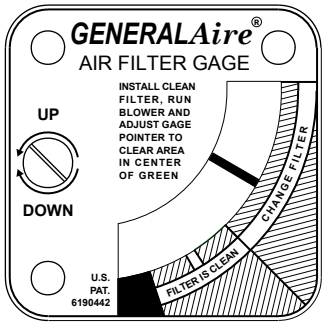


OPERATION

As the air filter begins to clog the pointer will move up in the gage. When the pointer moves into the red "CHANGE FILTER" range a clean filter should be installed.

RED

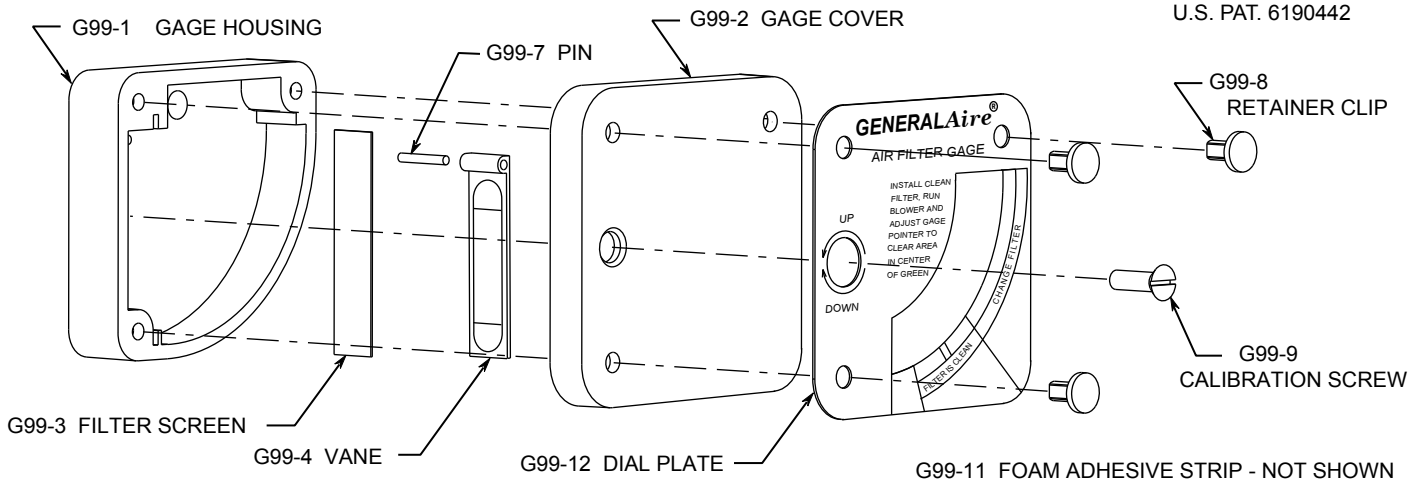




SERVICE

The gage may be disassembled for service although this should rarely be required since it contains a small filter screen to stop dust from entering the area of the vane. Remove gage and, from the back, push white plastic clips out with a blunt tool. Remove calibration screw, lift off clear cover and dust all parts with a clean brush. Reassemble and test that the vane moves freely in the gage. A fresh adhesive strip may be required to reinstall.

PARTS LIST



WHEN ORDERING PARTS, REFER TO THE ABOVE LIST OF PARTS NAMES AND PARTS NUMBERS

General Filters, Inc.
43800 Grand River
Novi, MI 48375-1115
WWW.GENERALAIRE.COM

Canadian General Filters, Ltd.
39 Crockford Boulevard
Scarborough, Ontario M1R3B7
WWW.CGFPRODUCTS.COM

Form G99-13 File 13179 Rev. F

Printed in USA.

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