EMI LINE FILTER KIT
INSTALLATION INSTRUCTIONS

ATTENTION INSTALLING PERSONNEL

⚠ **WARNING**

Only personnel that have been trained to install, adjust, service or repair(hereinafter, "service") the equipment specified in this manual should service the equipment. The manufacturer will not be responsible for any injury or property damage arising from improper service or service procedures. If you service this unit, you assume responsibility for any injury or property damage which may result. In addition, in jurisdictions that require one or more licenses to service the equipment specified in this manual, only licensed personnel should servise the equipment. Improper installation, adjustment, servicing or repair of the equipment specified in this manual, or attempting to install, adjust, service or repair the equipment specified in this manual without proper training may result in product damage, property damage, personal injury or death.

PACKING LIST

1 pc. - WE-CLFS 810912020 Line Filter
2 pcs. - #8 X 1/2" Drill Point Screws
1 pc. - White Wire #W16201160160012
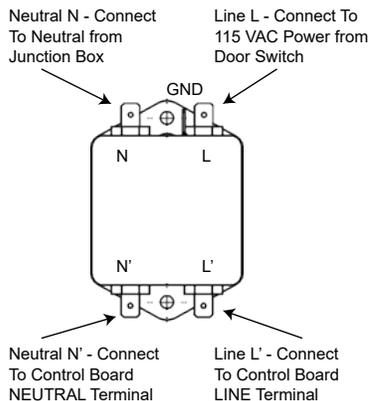1 pc. - Black Wire #W16202160160012
1 pc. - Installation Instruction Sheet

Neutral N - Connect To Neutral from Junction Box

Line L - Connect To 115 VAC Power from Door Switch

GND

N   L

N'   L'

Neutral N' - Connect To Control Board NEUTRAL Terminal

Line L' - Connect To Control Board LINE Terminal

FIGURE 1

APPLICATION

The EMI Line Filter Kit is intended for field installation only on "VS" model, **Bluetooth**® capable Ultra Low NOx Gas Furnaces. The purpose of the EMI Filter is to reduce electromagnetic interference between the furnace and other electrical devices. The EMI Filter may be used only in 115 volt power supply circuits & must be installed in series with the line voltage & neutral supply lines.

The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc., and any use of such marks are under license.

⚠ **WARNING**

HIGH VOLTAGE
DISCONNECT ALL POWER BEFORE SERVICING OR INSTALLING THIS UNIT. MULTIPLE POWER SOURCES MAY BE PRESENT. FAILURE TO DO SO MAY CAUSE PROPERTY DAMAGE, PERSONAL INJURY OR DEATH.

INSTALLATION

Note: Mounting location of the EMI Filter differs between 80% & 96% model furnaces.

The EMI Filter has 3 terminals on the "Line" side as follows; 115 VAC - indicated by L, Line Neutral - indicated by N, and a Ground terminal (not used).

The "Load" side has 2 terminals as follows; 115 VAC-indicated by L', Neutral - indicated by N'.

1) Disconnect electrical power to the furnace.

2) Remove the blower access door.

3) Refer to Figure 3 for the proper location to mount the EMI filter on an 80% furnace. Refer to Figure 2 for the proper location to mount the EMI filter on a 96% furnace.

4) Use the self-tapping screws provided to secure the EMI Filter in its proper location for your furnace (80 % or 96%)

5) Remove the Black wire from its current location on one of the control board LINE terminals (this wire is power out of the door switch).

6) Place the Black wire removed in Step 5 on the EMI Filter L terminal.

7) Install one end of the Black wire from the kit on the control board LINE terminal vacated in Step 5, place the remaining end of the Black wire from the kit on the EMI Filter L' terminal.

8) Remove the White wire from its current place on one of the control board NEUTRAL terminals (this wire comes from the furnace junction box)

9) Place the White wire removed in Step 9 on the EMI Filter N terminal.

10) Install one end of the White wire from the kit on the control board NEUTRAL terminal vacated in Step 8, place the remaining end of the White wire from the kit on the EMI Filter N' terminal.

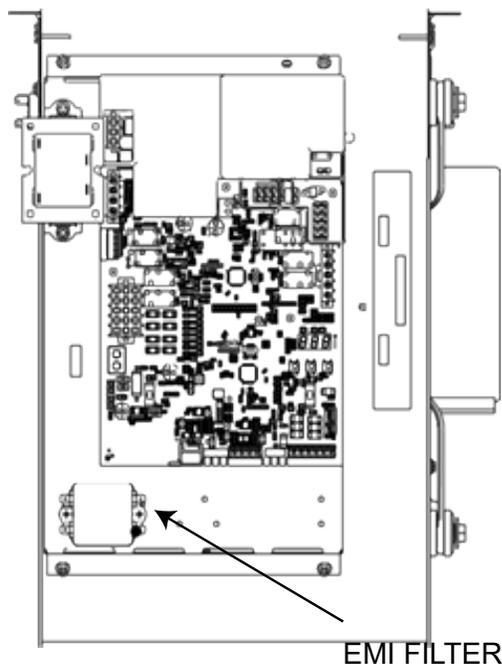11) Restore electrical power to the furnace & refer to furnace installation instructions for startup.

the panel may be used for one of the mounting screws, the second hole must be made with a self-tapping screw.
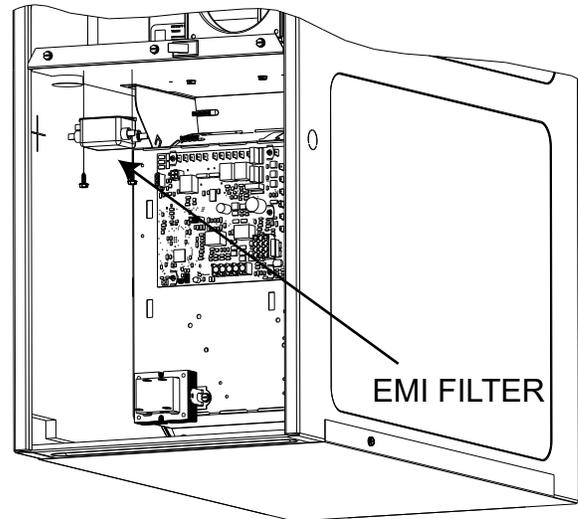

EMI FILTER

FIGURE 3

80% Furnaces; Install the EMI Filter in the blower compartment under the blower deck as shown in Figure 3. Select an area between the door switch and the left side of the furnace approximately 1/2" back from the front edge. Secure by installing both self-tapping screws up through the blower deck.

EMI FILTER

FIGURE 2

96% Furnaces; Using the self-tapping screws provided, install the EMI Filter in the bottom-left area of the control mounting panel as shown in Figure 2. An existing hole in

Page Intentionally Left Blank

CUSTOMER FEEDBACK
We are very interested in all product comments.
Please fill out the feedback form on one of the following links:
Daikin Products: (https://daikincomfort.com/contact-us)
Goodman® Brand Products: (http://www.goodmanmfg.com/about/contact-us).
Amana® Brand Products: (http://www.amana-hac.com/about-us/contact-us).
You can also scan the QR code on the right for the product brand you
purchased to be directed to the feedback page.

DAIKIN   GOODMAN® BRAND

AMANA® BRAND

NOTE: SPECIFICATIONS AND PERFORMANCE DATA LISTEN HEREIN ARE SUBJECTY TO CHANGE WITHOUT NOTICE

Quality Makes the Difference !

All of our systems are designed and manufactured with the same high quality standards regardless of size or efficiency. We have designed these units to significantly reduce the most frequent causes of product failure. They are simple to service and forgiving to operate. We use quality materials and components. Finally, every unit is run tested before it leaves the factory. That's why we know. . .**There's No Better Quality**.

Visit our website at www.daikin comfort.com, www.goodmanmfg.com or www.amana-hac.com for information on:

- Products
- Customer Services
- Contractor Program and Training
- Warranties
- Parts
- Financing Options

©2020 Goodman Manufacturing Company, L.P.