Shipping and Packing List

Package 1 of 1 contains:

1- Filter switch (S27)
1- Plastic tubing
2- Screws

Application

Filter switch kit is used on LGH/LCH036-600 (3 to 50 ton) packaged units. See table 1 for usage.

The normally open filter switch will close with an increase in static pressure.

The Unit Controller will display and store an error code and energize a service output. See Unit Controller manual provided with unit.

**TABLE 1**

<table>
<thead>
<tr>
<th>Unit Voltage</th>
<th>Kit</th>
</tr>
</thead>
<tbody>
<tr>
<td>036-074</td>
<td>603364-03; 53W66</td>
</tr>
<tr>
<td>092-152</td>
<td>603364-04; 53W67</td>
</tr>
<tr>
<td>156-600</td>
<td>603364-05; 53W68</td>
</tr>
</tbody>
</table>

**WARNING**

Improper installation, adjustment, alteration, service or maintenance can cause property damage, personal injury or loss of life. Installation and service must be performed by a licensed professional HVAC installer or equivalent, service agency, or the gas supplier.

**CAUTION**

Danger of sharp metallic edges. Can cause injury. Take care and wear protective clothing when servicing unit to avoid accidental contact with sharp edges.

Installation

1- Disconnect all electrical power to unit. Open filter access door.

2- Install filter switch in location shown in figure 1 for 036-074 units, figure 2 for 092-152 units, figure 3 for 156-300S units and figure 4 for 420-600 units.

3- Connect one end of plastic tubing to the filter switch port. See figure 5. On 420-600 units, cut the 30" tubing (provided) to 18-1/2 ".

4- Route the other end of plastic tubing as shown in appropriate figure.

5- Locate wires marked S27-C and S27-NO hanging near filter switch. Connect wire marked S27-C to the switch common terminal. Connect wire marked S27-NO to the switch NO terminal. See figure 5.

6- **M3 Unit Controller Setup**: Go to SETUP / INSTALL to enable the Dirty Filter Switch (S27). Navigate through the setup questions until Configuration ID 2 appears. Set position two to C if the dirty filter switch is installed on units equipped with an M3 Unit Controller. Set position two to D if the dirty filter switch is installed on units equipped with a DDC controller.
FILTER SWITCH
036-074 UNITS

FILTER SWITCH
092-152 UNITS

FILTER SWITCH
156-300S UNITS

ROUTE AIR TUBING THROUGH CONVOLUTED TUBING
FILTER SWITCH
420-600 UNITS

FILTER SWITCH
ROUTE AIR TUBING

FILTERS
RETURN AIR OPENING

FIGURE 4

FILTER SWITCH
(036-074 SHOWN)

COMMON TERMINAL
NO TERMINAL
PLASTIC TUBING
DO NOT USE PORT WITH SQUARE TUBING

FIGURE 5