

FILTER **PULSE**



24 V POWERED MODELS





INSTRUCTIONS FOR 24 VOLT POWERED UNITS

SET-UP

1. Remove front cover of enclosure and connect 24 VAC power to the 2 screw terminal block (see internal view). If desired, the 3 screw terminal is a normally OPEN, normally CLOSED SPDT relay that will change state at an alarm occurrence (see internal view). Attach to HVAC unit with 2 screws through mounting tabs. Re-install cover.
2. Install sensor bracket into filter holding tray located in return air duct. For optimal performance, position bracket so direction of airflow moves from short to tall side of bracket (See Sensor Bracket Diagram). Connect the sensor bracket cable to the enclosure box (See Top View Diagram).
3. Insert a clean filter into the tray. Ensure the filter's cardboard frame does not block the line-of-site between the transmitter and receiver of the bracket. If path is blocked, trim the edges of the cardboard on the filter. (See Sensor Bracket Diagram)
4. Press Clean Reset switch on enclosure. (See Front View Diagram) Sensor will beep for 10 seconds while calibrating. If the calibration was successful, the beeping will cease. If unsuccessful, the beeping will repeat. If failure, reposition filter. Also, review line-of-site between transmitter and receiver on the bracket. Repeat process by pressing the Clean Reset switch. After proper clean filter calibration, do not move filter or bracket to assure accurate performance over the operational life of the filter.

ALARM SENSITIVITY ADJUSTMENT

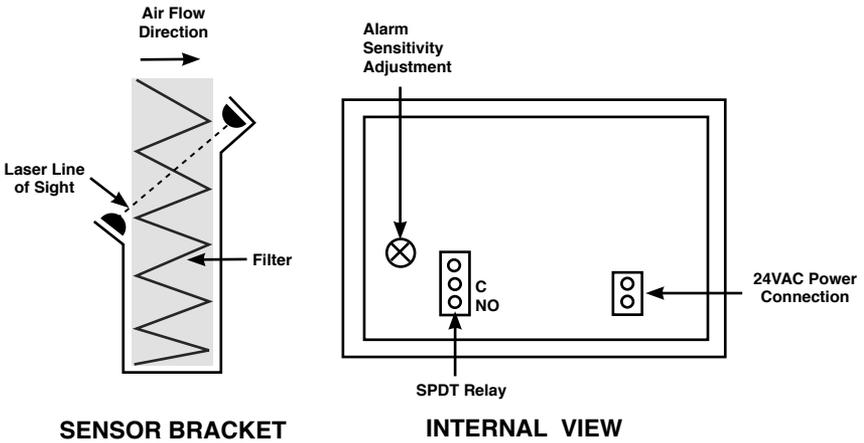
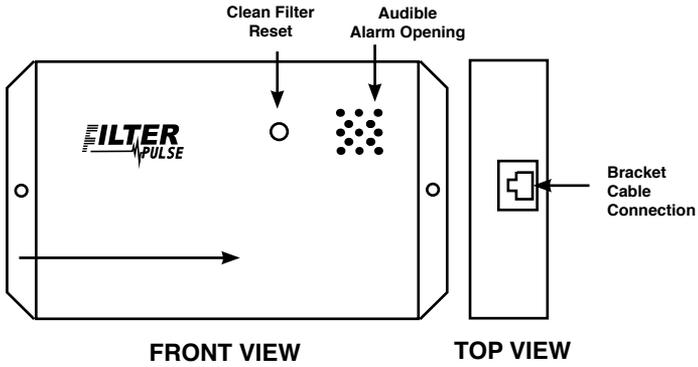
In order to work with various types of filters and to accommodate user preferences, a sensitivity adjustment is provided which varies the dirty filter alarm response level. Internally in the enclosure on the board is the adjustment knob that provides selection to your specific requirements. Gently turn clockwise to extend time until an alarm. For quicker replacement alarm, turn knob counter clockwise (See Internal View). The higher the MERV rating of installed filter the further clockwise knob may need to be set.

NOTE: The Clean Reset must be pressed after any sensitivity adjustment.

USAGE

10 Audible Beeps = Dirty Filter → Replace with Clean Filter

DIAGRAMS





1 inch Bracket Installed in Filter Tray

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