



DefendRx® 5000 Electronic Air Purifier

Installation Instructions

- Turn OFF the POWER to the Furnace/Air Handler and Fan switch.
- Open the door of the unit and remove the old pleated media (Fig.6).
- Position the new 5" replacement box such that the metal mesh on media faces the metal screen of the cabinet, the end with a hole goes in first, then push the box in strictly following the direction on labels on the box, (Fig.7).
- Close the door (Fig. 4 and Fig. 5).
- Switch the Power back ON.

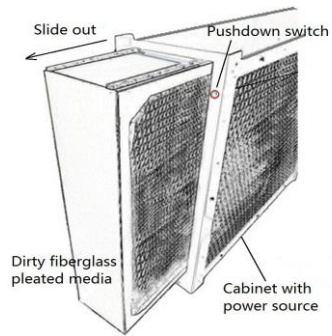


Fig. 6

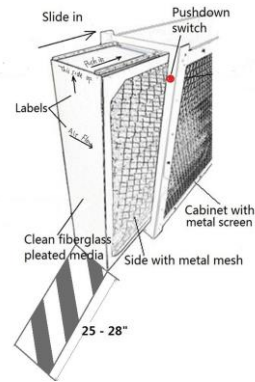


Fig. 7

WARNINGS

- The air filter is not energized in the absence of air flow in the HVAC system.
- CAUTION - THE AIR CLEANER SHALL NOT BE INSTALLED IN A SYSTEM WITH AIR FLOW LESS THAN 375 CFM, TO ENSURE OZONE LEVELS ARE NOT EXCEEDED.
- THIS AIR CLEANER SHALL NOT BE INSTALLED ON THE HOT-AIR SIDE OF DUCT-TYPE SYSTEMS.
- The POWER to the Furnace/Air Handler MUST BE TURNED OFF whenever installing, removing, or replacing the MicroPower Guard air cleaner.
- Failure to change the Replacement Media on a 6-month Basis could reduce airflow and cause damage to the heating and cooling system.
- Only qualified Electricians/HVAC Technicians should perform electrical wiring.

When non-original DefendRx filter media is used, no matter what the makers claim, we are forced to decline your Lifetime Warranty.

For Technical Assistance call: 1-800-565-5326

Low Pressure Filter Media DefendRx 5000 5"

OPERATION, INSTALLATION & MAINTENANCE INSTRUCTION GUIDE

IMPORTANT: Please complete the information below and leave this brochure with your customer after installation is complete.

INSTALLED BY:

Contractor Name & Phone No.: _____

PRODUCT INFORMATION:

MODEL: Viking DefendRx 5000 Electronic Air Purifier

FILTER SIZE: _____

INSTALLATION DATE: _____



5" Polarized-Media
Electronic Air Cleaner

This product complies with the maximum allowable concentration of ozone of 0.050 parts per million by volume (ppmv) in a 24 h period. The Health Canada Guideline 2010 recommends that the maximum exposure limit, based on an averaging time of 8 hours, be 0.020 ppmv or less when tested in an ASHRAE 52.2 conforming test duct.

DEALER INSTALLATION GUIDE

Please read the DEALER INSTALLATION GUIDE carefully BEFORE INSTALLING the Electronic Air Cleaner.

IMPORTANT

This unit is designed to operate from a SUPPLY OF 24 VOLTS AC AT 2VA.

DO NOT CONNECT TO 110 V AC POWER!

Connecting the DefendRx 5000 Electronic Air Purifier to a higher voltage than specified may cause damage and/or failure of equipment.

ELECTRICAL HOOKUP: Most forced air heating or cooling systems, or heat pumps, have an internal 24 V AC power source to which the MODEL 8000 ELECTRONIC AIR CLEANER can be safely connected without overloading other circuits. CHECK if the system is protected by a low voltage fuse and make sure connections are made on the FUSED SIDE. If no fuse is present, a low-voltage in line fuse should be installed. BEFORE connecting the unit to this power source, POSITIVELY identify that this IS a 24 V (max 30 V) AC source, and not some other voltage. This is usually best accomplished with a test meter.

NOTE: IF ONE TERMINAL OF POWER SOURCE IS GROUNDED, HOOK THE SOLID BLACK WIRE TO THIS TERMINAL (C in Fig.1).

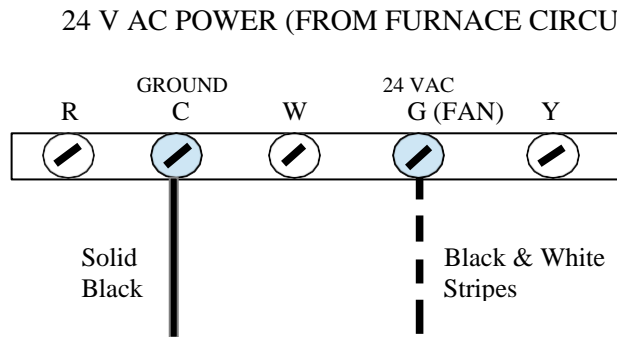


Fig. 1

Connect the wire with black & white stripes to terminal G / FAN (Fig.1) to ensure that the air cleaner is not energized in the absence of air flow. Use a Voltmeter to confirm 24 volt (not 110 volt) on unmarked terminals.

When wiring is completed, test the power by pressing the pushdown switch (Fig.2) in the front of the cabinet. If there is power, the power indicator (Fig. 3) will illuminate.

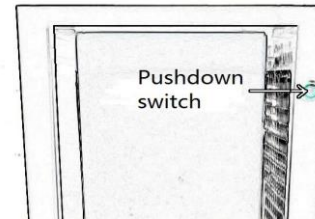


Fig. 2

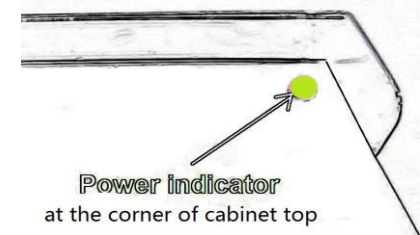


Fig. 3

Next, insert the lower clips (Fig.4) of the door into the slots at the bottom, then move the hook (A in Fig. 5) at the upper end over the rim (B in Fig. 5) of the cabinet, and push it down till the rim gets all the way into the hook.

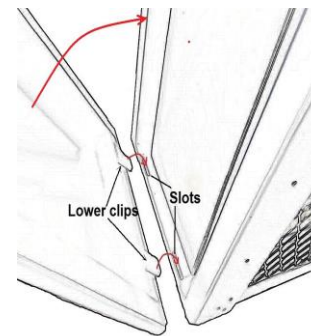


Fig. 4

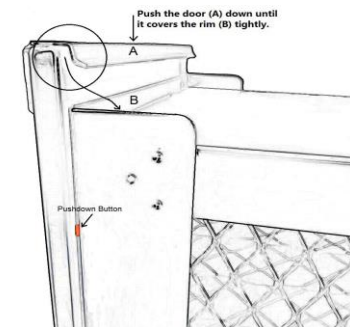


Fig. 5