

READ THESE INSTRUCTIONS BEFORE YOU BEGIN INSTALLATION

INSTALLATION

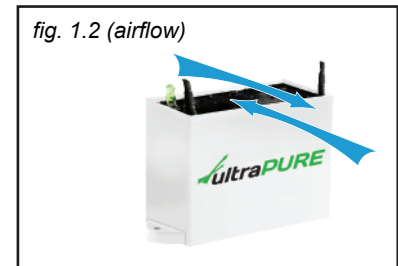
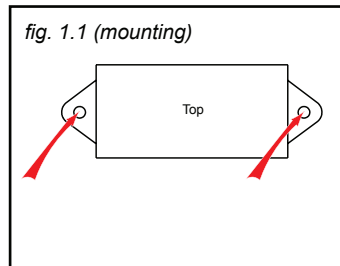
The **ultraPURE** ion generator is a versatile product and can be mounted in any type HVAC system. It is designed for airflows of up to 1,800 CFM and standard VOC loading.

MOUNTING

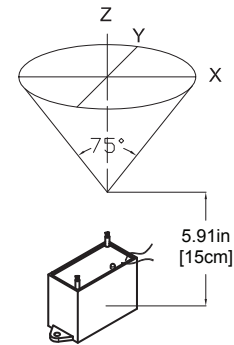
Find a suitable location in the air stream. The optimal location is at the inlet to the supply fan. Before mounting, make sure the carbon fiber needles are far enough away from any conductive surface to keep the unit from arcing.

The ion air purifier has two mounting flanges with a hole to accommodate self tapping sheet metal screws [figure 1.1]. With the metal screws, mount the ion air purifier perpendicular to and in the middle of the air stream such that air will flow simultaneously in between the carbon fiber needles on the ends of the unit [figure 1.2]. Make sure the exposed end of the screw does not protrude from the unit where someone can be cut on the screw tip.

(air purifier can mount in any position or angle)



ION DISTRIBUTION



WIRING

⚠ (Be sure to follow all local and electrical codes. Turn off power to the unit before mounting or making any connections.)

ION - 0A * 00

VOLTAGE:

- A - 24VAC / VDC, 1 ϕ
- D - 115VAC, 1 ϕ

- Verify the product will not overload the power requirement for the HVAC system before wiring.
- Check the label on the product and wire it only to the voltage range shown. The 24V product accepts VAC/VDC power.
- Unit should be powered 24/7 or it may be interlocked to fan operation (or other similar controls).
- Green LED will illuminate when powered and operating.

35 inch black = Neutral or Ground (HVAC "C" Terminal) or chassis in case of furnace
35 inch red = Positive (HVAC "R" Terminal)

