

# Model 2000 - Submittal



The Aerisa Model 2000 is a two tube ionizer that produces positive and negative ions to improve air quality. A five position dial allows for ion output (50 to 100%) selection. The unit may be either mounted in a metal supply duct or installed inside an HVAC unit. Using the predrilled housing and sheet metal screws, the Model 2000 mounts into a duct cutout. A mounting bracket (by others) is required for HVAC unit installation. The Model 2000 may accept either 115V AC or 230V AC power and is available with two ionization tube lengths (see Ordering Nomenclature). Power to the Model 2000 may be interlocked directly with the system fan or by using an air flow switch or a pressure switch. An optional Aerisa AerPlate is available that provides a junction box, pressure switch and mounting plate into which the Model 2000 is installed.

- Air Flow Capacity:** ..... Up to 4,000 CFM (2250)  
..... Up to 5,000 CFM (2350)
- Pressure Drop:** ..... See Figure 1
- Electrical:**
  - Voltage:** ..... 115V (2X51) or 230V (2X52)
  - Power Consumption:** ..... 16 watts
  - Current Draw:** ..... 0.2A (2X51) or 0.1A (2X52)
  - Frequency:** ..... 50/60 hertz
  - Internal Fuse:** ..... 0.5A (2X51) or Two 0.5A (2X52)
  - Field Connection:** ..... NEMA 15 receptacle
- Ionization Tube:**
  - Number of Tubes:** ..... Two
  - Material:** ..... Glass, stainless steel
  - Size:** ..... 250 or 350 (mm nom.)
  - Length:** ..... 9.5 or 14 inches
  - Life:** ..... 8,800 hours
- Housing Material:** ..... 20 gauge stainless steel
- Weight:** ..... 5 pounds
- Maximum Operating Temperature:** 140° F (60° C)

**Dimensions:** See Figure 2

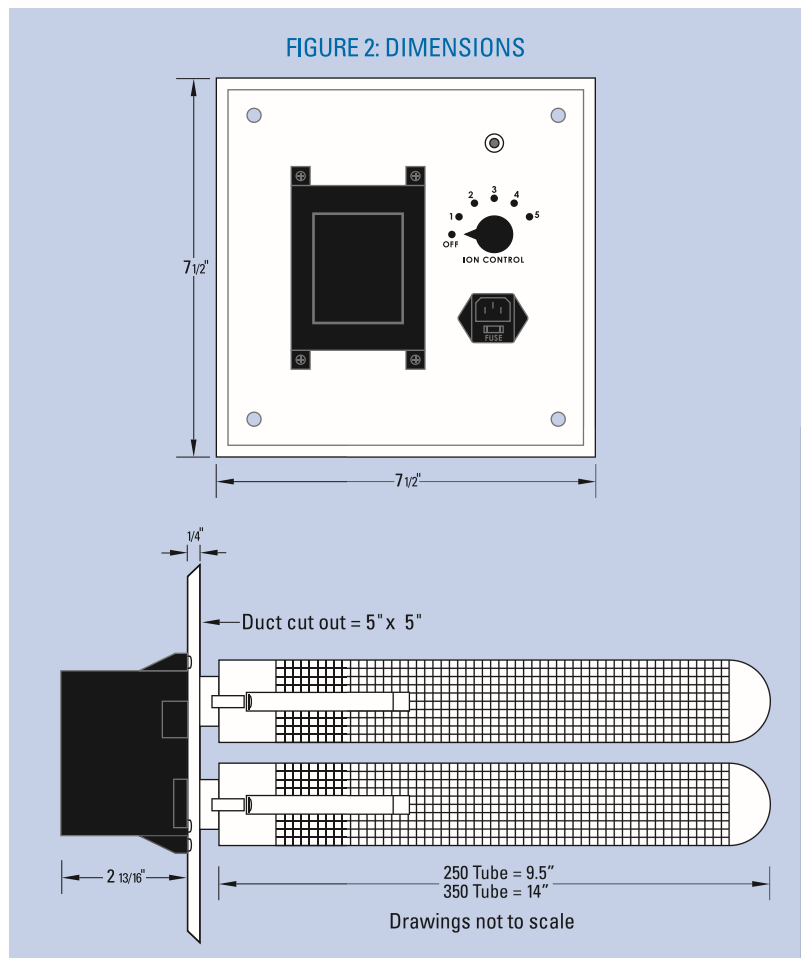
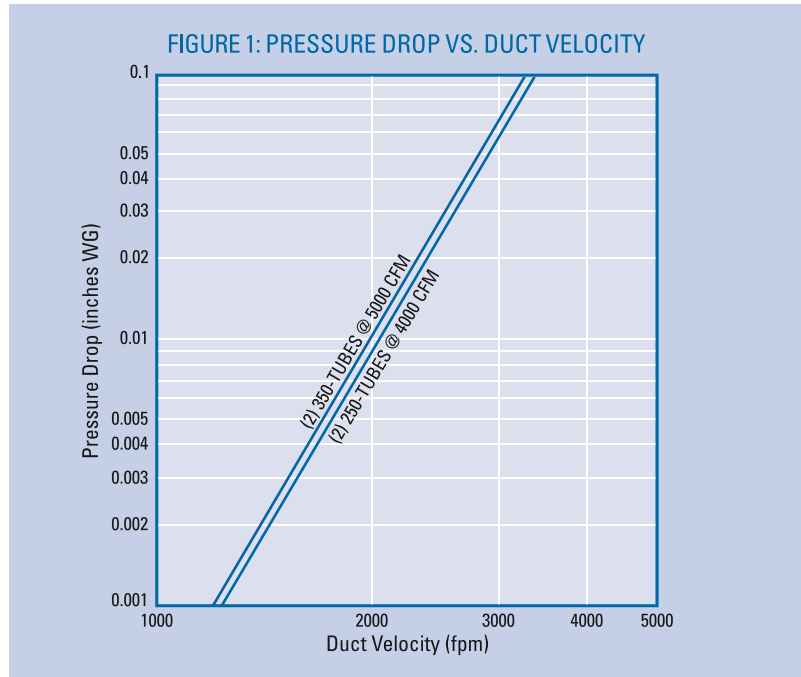
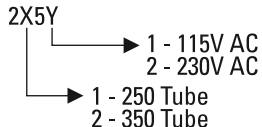
**Optional Accessory:**

AerPlate: Mounting Frame + Pressure Switch + J-Box

**Certifications:**

Underwriters Laboratories Inc. Standards UL 867 and UL 1995  
Classified as plenum rated per UL 2043, file #E364224

**ORDERING NOMENCLATURE**



©2018 All rights reserved