

# Model 5550 - Submittal



The **Aerisa Model 5550** is a five 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 5550 mounts into a duct cutout. A separate mounting bracket or rack is required for HVAC unit installation. The Model 5550 accepts 115V AC power. Power to the Model 5550 may be interlocked directly with the system fan, or by using an air flow switch, pressure switch, or HVAC unit door switch. A low voltage connection provides for remote monitoring of the Model 5550.

**Air Flow Capacity:** ..... Up to 10,000 CFM

**Pressure Drop:** ..... See Figure 1

**Electrical:**

- Voltage: ..... 115V
- Power Consumption: ..... 50 watts
- Current Draw: ..... 0.3A
- Frequency: ..... 50/60 hertz
- Internal Fuse: ..... 1.0A
- Field Electrical Connection: ..... 3/8" flexible metal conduit (BX)

**Ionization Tube:**

- Number of Tubes: ..... Five
- Material: ..... Glass, stainless steel
- Size: ..... 550 (mm nom.)
- Length: ..... 21 inches
- Life: ..... 8,800 hours

**Housing Material:** ..... 22 gauge steel

**Weight:** ..... 18 pounds

**Maximum Operating Temperature:** ..... 140° F (60° C)

**Dimensions:** See Figure 2

**Optional Accessory:** ..... Pressure Switch

**Certifications:**

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

