



AERISA 5550 / 5350 SERIES

AERscrubber

APPLICATIONS:

Aerisa's AerScrubber unit is designed to provide a highly ionized air stream into an enclosed space that requires it's air to be clean of corrosive and odorous gases, VOCs, particulate matter and airborne pathogens by using bi-polar ionization technology.

Outfitted with either the Model 5550/5350 ion generator (powered through the fan power supply), the AerScrubber comes complete with the galvanized steel housing, supply fan, and a 40% prefilter. The 5550/5350 ion generator has an adjustment dial, giving the ability to increase and decrease ion production based on space's needs and contaminant load. Power requirements are 120/230 VAC.

SPECIFICATIONS:

Housing Material: Gavanized sheet metal
Weight: 160 lbs
Max. Operating Temperature:..... 140° F (60° C)
 Max SP: 0.84" WG

Electrical:

Voltage:..... 115V AC/1 Ph
 Frequency: 60 Hertz
 Minimum Circuit Ampacity: 14.3 Amp
 Maximum Over Current Protection: 15.0 Amp

Ionization Tubes:

Material: Glass, stainless steel
 Number of Tubes/Type: Five (5) / 550mm
 Length: 21 Inches
 Life:..... 8800 hours

Mounting: Seismically suspended per AH J

Dimensions: See Figure 1

Fan/Motor:

Fan Type: Forward curve
 Motor Drive: Direct
 Motor HP: 1 HP
 Motor RPM:..... 1,075 RPM
 Airflow: 1,600 CFM @ 0.40" ESP

Certifications:

Ionization UL Standards 867 and 1995
 Ionization UL Standards 2043

Controls:

Indicating Lamp: Internal
 Ionization Control Knob: Internal
 Fan Interlock: Direct wired

Filter:

Efficiency: 2" Pleated 40% Efficient
 Access: Bottom access door

