

MESA SERIES

HEPA FILTRATION AIR CLEANING DEVICE



PRODUCT DESCRIPTION

AIRBOX Mesa Series is a compact, portable, industrial-grade air cleaner which uses a 2-Stage Filtration System to provide Equivalent Clean Airflow (VACS). The AIRBOX Mesa Series can be equipped with Smart Fleet Management® Platform, which allows AIRBOX units to run on differing schedules and keeps track of filter life and other maintenance needs. The AIRBOX Mesa Series is the first air cleaner on the market made of HDPE infused with Micro-Shield.

COMPLIANCE AND PERFORMANCE SPECIFICATIONS

ASHRAE 241-2023	Compliant
UL Listed	System Categories: FU, WU File Number E518053
CARB	Certified
IEST-RP-CC007	Certified 99.99% HEPA Filter
Bioaerosol Testing	Available upon Request

TECHNICAL SPECIFICATIONS

Unit Weight	30.5 lbs.
Unit Size	18"H x 13.12"W x 14.75"D
Maximum Nominal Air Flow Rate	420 CFM
Maximum VACSi	362 CFM
Controls	Standard manual control knob or Optional Smart Fleet Management System (IOT) allowing for remote air flow adjustment.
Air Flow Angles	Inlet and Outlet Vertical Projection Standard. 45° Projection Outlet Panel Available for larger rooms.
Enclosure Material	High Density Polyethylene (HDPE) treated with MicroShield Antimicrobial. Meets ASTM D4976.
	VOC Content: None
	Flammability Rating: UL94-HB
Available Colors	Dolphin Gray or White
Warranty	Limited Lifetime Warranty. Lifetime Warranty on material and workmanship. 5 Year warranty on fan and motor package inclusive of electrical.

ELECTRICAL SPECIFICATIONS

Operating Voltage	110/120 VAC
Motor	115VAC, 50/60HZ, Ball Bearing, IP54 Rated UL Listed: File number E319742
Wiring	16AWG
Connectors	Deutsch DT, IP68 Rated

FILTRATION SPECIFICATIONS

First Stage	Antimicrobial Filter
	MERV 11 2" Electrostatically Charged Pleated Polyester Treated with Microban Aegis Microbe Shield®
Second Stage	HEPA Filter
	Certified 99.99% Effective 4" Pleated Glass Media Treated with Microban Aegis Microbe Shield®



AIRBOX is regulated by the US Environmental Protection Agency and state governments as a pesticidal device. Accordingly, our air cleaners are packaged and labeled in accordance with EPA regulations under FIFRA section 2(q)(1) and 40 CFR Part 156.
EPA Registered Establishment No.: 97081-NC-1

POWER CONSUMPTION AND SOUND POWER LEVEL VS AIRFLOW

