



Project: _____
 Location: _____
 Cat. #: _____
 Type: _____
 Quantity: _____



ADB 7000-MT | Air Disinfection Biosecurity Mobile Tower

Features:

- 24/7 365 continuous and proactive air and surface disinfection
- Provides a comprehensive disinfection solution for use in public spaces to achieve a new air quality safety threshold by neutralizing up to 99.99% of viruses (influenza, norovirus, etc.) within minutes and bacteria (listeria, salmonella, E. coli, campylobacter, etc.)
- Four high-velocity fans distribute treatment over very large areas at about 450 CFM
- Low power consumption
- No toxic chemicals or irradiation
- Used for over 20 years and is installed in thousands of locations, worldwide

Certifications:

- Meets UL867 standard
- Meets California Air Resource Board ozone emissions limit - CARB certified

Construction:

- Cabinet constructed of powder coated aluminum
- 6' Cord with 120V plug standard; 230V optional, specify plug type
- (4) MERV 11 filters

Details:

- ADB systems activate ambient air using proprietary Modulated Dielectric Barrier Discharge that generates a safe, chemical-free non-thermal (cold) plasma. Highly reactive molecules from the plasma are distributed throughout the space directly from the high-velocity fans to neutralize microbes (viruses, bacteria & mold) and VOCs in the air and on surfaces. This sanitizing cold plasma treatment is continuous, controlled, and consistent.

Applications:

- Suitable for common area applications - indoor/public spaces
- Government Buildings
 - Hospitality
 - Healthcare
 - Fitness/Locker Rooms
 - Food/Meat Processing
 - K12/Higher Education
 - Offices
 - Industrial/Commercial
 - Restaurants
 - Retail
 - Casinos
 - Horticulture



Ordering Guide:

Series	Capacity	Voltage / Plug	Duty Cycle
ADB 7000	8MT		
ADB 7000	8MT 8 Power Generators	Blank 120V, Type B Plug 230Vx 230V, 'x' = specify plug type	100 100%
			90 90%
			80 80%
			70 70%
			60 60%
			40 40%

Specifications:

Model	Operation Frequency	Amps	Max Power	Voltage	Turbine CFM	Weight	Dimensions (with-out handles)
ADB 7000-8MT	50/60 Hz	1.42A	170W	120V	~450	130 lbs.	20.5" x 20.5" x 77"
ADB 7000-8MT 230V	50/60 Hz	0.74A	170W	230V	~450	130 lbs.	20.5" x 20.5" x 77"

Efficacy:

Treatment time to full extinction of surface and air samples

Pathogen:	Surface Bacteria (CFU/cm ²)	Surface Virus (CFU/cm ²)	Airborne Bacteria (CFU/m ³)	Airborne Virus (CFU/m ³)
Time to extinction, 2,860 cubic feet¹:	10 minutes	5 minutes	1 minute	0.5 Minutes
Time to extinction, 8,000 cubic feet²:	30 minutes	15 minutes	10 minutes	10 minutes
Log/Percent Reduction:	7.88 / 99.99998	7.74 / 9999998	7.85 / 99.99998	7.70 / 99.99998

¹ From independent lab testing

² Estimate from an independent lab



User Guide

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Guidelines For User Safety And Equipment

Protection symbols are used to highlight information relating to the user’s personal safety and protection of the equipment throughout this guide. Do not operate the equipment without prior consulting with a representative.

When any of the following symbols appear, the associated information must be read carefully and understood fully. Operate the system through its controller.

Warnings



WARNING

The identified danger can cause physical and property damage



DANGER

The identified danger can cause severe physical and property damage. This symbol relates specifically to electrical danger.

Under no circumstances will the manufacturer be liable or responsible for any consequential damage that may arise as a result of the installation or use of this equipment. All examples and diagrams shown in this guide are intended to aid understanding. They do not guarantee operation. The manufacturer accepts no responsibility for the actual use of this equipment based on these examples.

Due to the great variety of possible applications for this equipment, the user must assess the suitability of this product for specific applications.

Equipment described herein is recommended based on the room temperature, type of process, the air circulation of the room, and overall size of the room. The user of this product further acknowledges that in order for the equipment to achieve optimal results, there must be sufficient air circulation, a somewhat enclosed treated area, and when applicable, proper ventilation in the packaging of stored/palletized product(s).

