

COMMERCIAL IONIZER

description

- Mass ion generation and dispersion
- Creates both negative (-) and positive (+) ions
- Ratio of negative to positive ions fully and easily adjustable
- Millions of ions are generated by needles mounted on the fan cowling to maximize distribution

applications

- Heavy duty ionizer for industrial, commercial, and agricultural settings
- Casinos
- Automotive body shops
- Woodshops
- Bingo halls

the technology

MI1500 is effective against heavy concentrations of particulates and visible smoke, including tobacco smoke. Ion generation is used to agglomerate, or precipitate together, oppositely charged particles by electrical attraction. These particles will mass together becoming large enough to be captured by filters or simply heavy enough to drop out of the breathing air space.

MI1500 utilizes mass ion generation and dispersion, creating both negative (-) and positive (+) ions. The ration of negative to positive ions is fully and easily adjusted to suit a range of environmental conditions and needs. Ion distribution by the air movement of the fan is maximized using cowl-mounted ion needles. MI1500 is primarily for commercial and business applications, covering up to 5,000 square feet

specifications

MI1500	US50110 (120v)	
electrical	120VAC, 2.0 amps, 60 Hz	220 watts* power consumption
	26 kv DC ion generator	adjustable neg. (-) and pos. (+) ion control
mechanical	300 CFM adjustable free air fan	
dimensions	28" H x 26" W x 18" D	71cm H x 66cm W x 46cm D
weight	70 pounds	32 kilograms

The MI-1500 is ideally applicable for removal of heavy visible smoke and severe industrial particulates.

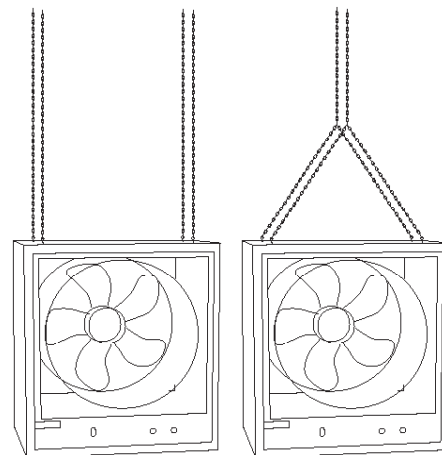
applications list

- Casinos
- Convention centers
- Dinner theaters
- Stockyards
- Automotive body shops
- Indoor horse arenas
- Nightclubs
- Zoos
- Woodworking shops
- Post Offices (paper dust)
- Feedlots
- Service clubs
- Bowling alleys
- Rodeos

installation details

- The MI1500 comes with a standard, three prong 120 VAC 60 Hz plug.
- In most industrial applications, it is advisable to mount the unit from the ceiling.
- The MI1500 comes with four, 1/4 - 20 tapped holes in the top of the frame for suspension mounting, or it can be mounted on a TV stand rated at a 75 pound load.
- To protect anyone passing under the MI1500, it should be mounted with the bottom at least 15 feet from the floor.
- The ceiling height should be at least 20 feet for the most effective distribution of ions. Mounting too close to the ceiling may reduce effectiveness.

Typical Suspension arrangements:



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