



DM320

Portable Floor Standing Electronic Air Cleaner

With UVC Germicidal Irradiation

The DM320 is a commercial grade Electronic Air Cleaner with UVC Germicidal Irradiator. This is a durable, all metal, floor standing portable unit, fitted with 4 castor wheels for easy movement. The DM320 is effective in removing dust, tobacco smoke, germs, bacteria, pollens, lint and various pollutants. The UVC irradiator disables germs and bacteria in the environment, making the air cleaner and healthier. This means there is no loss of cool or heated air from the premises as dirty air need not be exhausted out of the premises.

The DM320 is suitable for use in offices, bars, clubs, karaoke rooms, smoking rooms, classroom, clinics, bedrooms, sitting/waiting rooms etc.

FEATURES

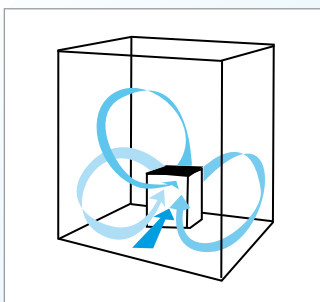
- Infra Red Remote Control
- UVC Germicidal lamps to eliminate germs and bacteria
- 3 Speed motor control for desired rate of cleaning
- Washable Main Filters and Pre-filters
- Optional charcoal filter for odour control.
- Floor standing portable unit with 4 castor wheels for easy movement
- Re-circulates clean indoor air without any loss of airconditioning or heating in the room. Dirty air intake in one direction and clean air discharge in 3 directions.
- Collect dust particles from 0.01 microns and up.

SPECIFICATIONS

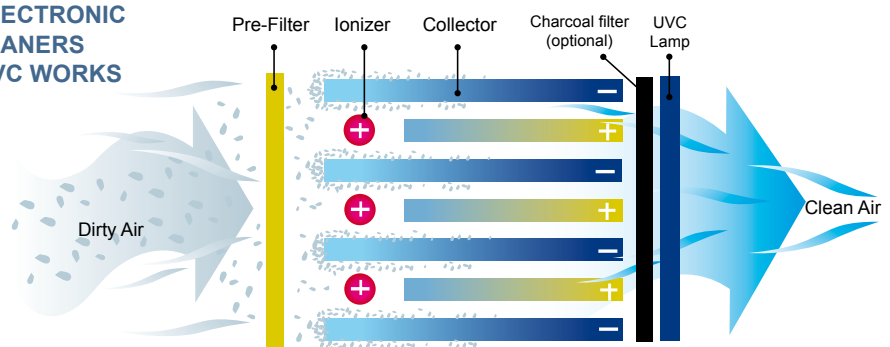
Dimension	570x360x280mm
Material	1mm ElectroGalvanized steel, Epoxy Powder Coated.
Weight	23Kg
Power Consumption	180watts
Voltage	220VAC
Efficiency	Up to 95%
Max Air Volume	500CMH
Speeds	3
Coverage (Floor Area)	10-25 Sq M.
Ionising Voltage	8.1KV
Collecting Voltage	4.1KV
UVC Lamp	15 Watts.



COANDA AIR FLOW EFFECT



HOW ELECTRONIC AIR CLEANERS WITH UVC WORKS



Air passes through the high voltage ionizing section where it is given a high electrical charge. The charged particles then pass through a series of alternately charged plates. The charged particles are repelled by plates with the same polarity and attach to the plates of the opposite polarity.

A 15 watt UVC germicidal lamp adds to the cleaning process by destroying germs, bacteria and viruses in the air as it flows through the machine.



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