

Workstation Products

3M™ Overhead Air Ionizer 991

Using steady-state DC ion emission, the 3M Overhead Air Ionizer 991 provides consistent static control coverage. With its overhead mounting system, the ionizer doesn't compromise valuable space on the workbench, allowing for neutralization of static charges. The steady-state DC ion emission allows fast discharge with low airflow, providing a more comfortable work environment for operators. Emitter points are placed behind the fan to virtually eliminate field-induced charge and to provide a homogenous mixture of ionized air. Also featured are open-cell foam filters on the fan intakes, protecting the internal components from environmental contamination.



3M™ Overhead Air Ionizer 991

Specifications

Property	Typical Values
Ion Emission	Steady-state (DC)
Emitter Points	0.12 in. (3.048 mm) tungsten wire, internally shielded, 2 year life estimated
Air Flow	114 CFM (per fan, high speed, free-air)
Audible Noise	63 dB, high fan speed ohm 57 dB, low fan speed ohm
Power Inlet	IEC60320 (with removable line cord)
Input Voltage	100-230 Vac, 50/60 Hz, 27 watts max.
Input Current	0.4A max.
Power	27W max.
Discharge Time	≤ 8 seconds directly under each fan at 18 in. (46 cm) distance; high fan speed
Offset Voltage Balance	≤ ±20 volts directly under each fan at 18 in. (46 cm) distance; high fan speed
Power Outlet	IEC60320 female, unfused, 5A maximum load
Alarm Relay Course	Modular handset jack, rated 1A maximum, 30 volts
Coverage Area	2 ft. W x 4 ft. L (61 cm x 122 cm) directly under ionizer
Controls	Power/fan speed slide switch: High/Off/Low settings
Indicators	Bi-color LED: green power ON; red power supply failure
Daisy-Chain Capacity	10 units maximum
Chassis	Aluminum with epoxy-polyester powder coated
Mounting	Four eyebolts and 1-1/8 in. S-hooks provided
Dimensions	4 H x 6 W x 44 in. L (10.1 x 15.2 x 111.7 cm)

Operating Environment

Temperature	50°F–95°F (10°C–35°C)
Humidity	20–55% RH (non-condensing)
Ozone Level	< 0.010 ppm
RoHS Compliant	Yes
Weight	10 lbs. (4.5 kg)
Certifications	cULus, TUV-GS, CE, C-Tick

Product No.	Description
991	Overhead Air Ionizer 991 with North America Power Cord (98-0798-5683-1) Overhead Air Ionizer 991 with UK Power Cord (98-0798-5684-9) Overhead Air Ionizer 991 with Germany Power Cord (98-0798-5694-8) Overhead Air Ionizer 991 with China Power Cord (98-0798-5695-5)



Product No.	Description
991F	Replacement Filters, three filters/pkg

Offered By:

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www.texastechnologies.com