

### 3M™ Overhead Air Ionizer 991A

The Overhead Air Ionizer 991A is designed for use with sensitive electronic components where electrostatic discharge (ESD) is a problem. This ionizer 991A provides fast static charge decay efficiency over an entire work surface area. Equipped with task lighting, an ionization indicator light and an integrated heater, it offers user-friendly operation while helping protect even the most sensitive components from ESD damage.

- Rapidly neutralizes static charges
- Covers an extended area with ionized air
- Inherently balanced to  $0 \pm 6V$
- Integrated heater and task lights
- Ionization indicator light
- AC technology for stable performance
- Built-in emitter cleaner for easy maintenance



The 3M™ Overhead Air Ionizer 991A offers a user-friendly experience with variable fan speeds, as well as task lights and an integrated heater.

## 3M™ Overhead Air Ionizer 991A

Description	Typical Value	Method
Input Voltage	120VAC, 60Hz, 0.5A (fan low, heater/light off) 2.5A (fan high, heater/light on); 230VAC, 50Hz, 0.2A (fan low, heater/light off) 1.5A (fan high, heater/light on)	--
Power Consumption	200W (heater)	--
Emitter Points	Stainless Steel	
Ion Emission	AC Ionization	--
Balance Voltage	±6V @ 18" from blower face	ANSI/ESD STM3.1-2006
Decay Time	<4.0 sec @ 18" center blower position; fan high-no diffusers	ANSI/ESD STM3.1-2006
Air Speed	200-240 ft./min. (low to high), combined 3 fan output	
Audible Noise	50 dBA fan low; 60 dBA fan high	--
Indicator	Orange light for Ionization status	
Ozone Level	0.02 ppm, measured @ 12" in front of unit 2	EPS EQQA-9577-019 using Dashibi Ozone Monitor Model 1003 AE
Operating Env	Temperature 32-122°F (0-80°C); humidity 30-70% RH non-condensing	
Lamp	13W twin tube, compact fluorescent	
Air Filter	30 ppi open cell polyurethane foam (optional)	
Dimensions	42.75W x 4H x 6.75D in. (108.6 x 10.2 x 17.1 cm)	--
AC Power Cable Length	56 inches	
Weight	16 lb (7.3 kg)	--
Enclosure	Powder-coated white enamel aluminum	
Mounting	Adjustable brackets and S-hooks provided	--
Warranty	One year from date of purchase	

### Parts and Accessories

80-0014-0216-5	991A Overhead Air Ionizer with 110V North American Power Cord
80-0014-0217-3	991A Overhead Air Ionizer with 230V UK Power Cord
80-0014-0218-1	991A Overhead Air Ionizer with 230V European Power Cord
80-0014-0219-9	991A Replaceable Filters, 6 filters/box
80-0014-0220-7	991A Air Filters Retainer (1 per fan)
80-0014-0221-5	991A Task Light Fluorescent Lamp (2 per blower)

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