

3M™ Mini Air Ionizer



3M™ Mini Air Ionizer 960

Features

- Steady-state DC ion emission for efficient ion delivery.
- Intrinsically balanced — no adjustment necessary.
- Small/compact design utilizes very little work bench space.
- UL/C-UL/CE for global acceptance.

The Mini Air Ionizer 960 is a small and versatile blower available for equipment or local area ionization. Its small size makes it ideal for use in those situations where space is at a minimum. Possible applications include in or around electronic product equipment, inside OEM equipment, or on ESD workstations.

The Mini Air Ionizer 960 is designed to generate a well-balanced flow of ionized air particles, which helps neutralize stray electrostatic buildup on a surface. Charges are dissipated in seconds and the possibility of a damaging electrostatic discharge (ESD) event is minimized. The ionizer also maintains a reasonably balanced flow (± 20 V) of ionized air.

The unit runs off of low-voltage 24 VAC power, which can be supplied by the 3M™ Wall Transformer 960X (sold separately). Included with the ionizer are a mounting bracket and a 3 ft. (0.9 m) telephone cable (with modular plugs) to connect the ionizer to the Wall Transformer 960X.

Related Products

Air Ionizer Test Kit 718A	pg. 65
Charge Analyzer 711	pg. 64
Static Sensor 718	pg. 65

Product No.	Description
960	Mini Air Ionizer



Mini Air Ionizer 960

Item	Typical Properties
Input Voltage	AC 24 V
Power	5.5 watts
Power Input Connection	RJ-11 socket
Size	4.5 H x 3.3 W x 2 in. D (including bracket) (11.4 x 8.4 x 5.1 cm)
Weight	12 oz. (0.3 kg)
Air Flow Velocity	(@1 ft. in front of grille): 300 ft./min.
Air Flow Volume	22 scfm

Operating Environment

Temperature	59°F–95°F (15°C–35°C)
Humidity	15%–55% RH, non-condensing
Other Conditions	Product should be used in relatively clean indoor environments
Certifications	UL, C-UL, CE
*Offset Balance @ 1 ft.	± 20 V
*On Center Discharge Times	@ 1 ft. < 4 seconds @ 2 ft. < 10 seconds @ 3 ft. < 18 seconds @ 4 ft. < 28 seconds

*Testing was performed with a charged plate monitor in accordance with ionization standard ANSI/ESD 3.1 - 1991.

Wall Transformer 960X/980X

(sold separately)

Item	Typical Properties
Input	AC 120 V, 50/60 Hz, 270 mA
Output	AC 24 V, 1.0 A through RJ-11 socket connector
Dimensions	3.2 H x 2.6 W x 1.9 in.D (8.1 x 6.6 x 4.8 cm)
Weight	16 oz. (0.5 kg)
Certifications	UL, CSA

Note: One transformer will supply four Mini Air Ionizers 960.

Product No.	Description
960X/980X	Wall Transformer



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