

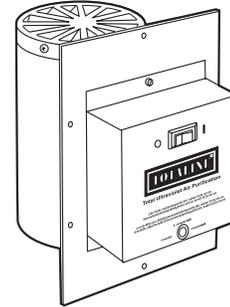
TOTALINE® AIR PURIFIERS

TOTALINE® UVC GERMICIDAL AIR PURIFIERS

The Totaline® UVC (Germicidal) Air Purifiers are designed to work with the ventilation system to reduce airborne contaminants such as legionella, molds, bacterial and viruses. In addition, the units assist in alleviating symptoms associated with asthma, and allergies. They recreate the effects of sunlight by naturally decomposing, destroying and purifying contaminants. Totaline Air Purifiers are available in 5 models to suit both residential and commercial needs.

Features:

- Produces no ozone, gases or fumes.
- Patented technology, unique “J” shaped lamp.
- Easy installation.
- Multiple installation options permits remote mounting or bypass mounting.
- Test button and inspection port (Commercial in-duct).
- Commercial in-duct models work only when the HVAC blower is functioning.
- Low power consumption and no increase with duct system resistance.
- No maintenance (excluding bulb changes).
- NRTL/C, CSA certified.
- 3 year warranty on residential models.



P2002

Totaline® Air Purifiers

P/N	ITEM DESCRIPTION
P103-R1500G	Residential, covers up to 1500 sq. ft.
P103-R3500G	Residential/Lt. Commercial, covers up to 3500 sq. ft.
P103-CC2020	Commercial, Coil Clean
P103-CT200G	Commercial, for uses up to 2000 cfm
P103-CMT100G	Commercial, ceiling mount, covers up to 500 sq. ft.
P103-PT100G	Portable, covers up to 1250 sq. ft.
P103-RRPUVL-012	Residential, Return Plenum UV Light 12”
P103-RRPUVL-018	Residential, Return Plenum UV Light 18”
P103-RTUUVL-024	Commercial, Rooftop UV Light 24”
P103-RTUUVL-030	Commercial, Rooftop UV Light 30”

*Also available in 220 volt.

Options for Totaline® Air Purifiers

P/N	ITEM DESCRIPTION
P103-REMINSKT001	Remote Installation Kit
P103-TUBESTND001	Tubular Stand for P103-PT100G
P103-S1000G-25-CRKIT	Clean Room Upgrade Kit for P103-S1000G-25

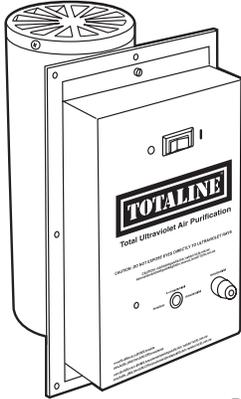
Other Parts Information for Totaline® Air Purifiers

P/N	ITEM DESCRIPTION
P103-GERMLAMP004	Germicidal “J” Lamp for P103-PT100G, P103-CMT100G, P103-R1500G
P103-GERMLAMP005	Germicidal “J” Lamp for P103-R3500G
P103-GERMLAMP006	Germicidal “J” Lamp for P103-CT200G, P103-S1000G-25
P103-GERMLAMP007	Lamp for P103-RTUUVL-030
P103-GERMLAMP008	Lamp for P103-CC2020
P103-GERMLAMP009	Lamp for P103-RRPUVL-012
P103-GERMLAMP010	Lamp for P103-RRPUVL-018
P103-GERMLAMP011	Lamp for P103-RTUUVL-024
P103-BALLAST-001	Ballast for P103-R3500G
P103-BALLAST-002	Ballast for P103-CT200G, P103-S1000G-25
P103-BALLAST-003	Ballast for P103-PT100G, P103-CMT100G, P103-R1500G
P103-BALLAST-004	Ballast for P103RRPUVL-012/018
P103-BALLAST-005	Ballast for P103-RTUUVL-024/030
P103-BALLAST-006	Ballast for P103-CC2020
P103-SPDCNTL-001	Speed Control for P103-PT100G
P103-VACUSTSW001	Vacuum Starting Switch for P103-CT200G
SAN-CO02	Turbulator
P103-S1000G-25-FILTER	99.97% HEPA Replacement Filter for P103-S1000G-25

Merchandisers

P/N	ITEM DESCRIPTION
P103-RRPUVL-SAMPLEKIT	Residential, Return Plenum UV Light 12” and Display Case
P103-R3500G-SAMPLEKIT	R3500G Air Purifier and Display Case

TOTALINE® AIR PURIFIERS



P2003

P/N P103-R3500G
P/N P103-R1500G

The Totaline® P103-R1500G and P103-R3500G are designed to be installed on the supply side of the return air duct. As the airflow passes through the P103-R3500G Chamber, the ultraviolet process helps to destroy biological contaminants.

RESIDENTIAL-LIGHT COMMERCIAL IN-DUCT AIR PURIFIER

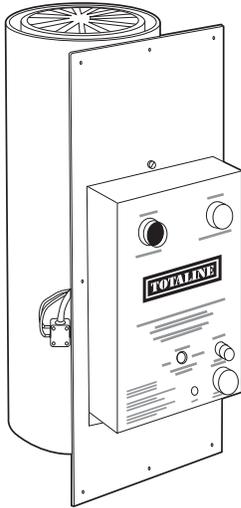
Specifications

MODEL	P103-R1500G	P103-R3500G
Application	Residential	Residential/Light Commercial
Purifying Capacity	1500 sq. ft.	3500 sq. ft.
Outside Dimensions	9.5x8 in. (241x203 mm)	12x8 in. (305x203 mm)
Plenum Opening Requirements	8x6 in. (203x152 mm)	11x6 in. (269x152 mm)
Weight	4.4 lbs (2 kg)	12 lbs (5.5 kg)
Power Requirements	120 V, 15 Watts	120 V, 25 Watts
Hardwire	YES	YES
Germicidal UV Single Zone Lamp	YES	YES
Lamp Diameter	19 mm	19 mm
Proprietary UV J Lamp Dimensions	6.5 in. (165 mm)	10.5 in. (267 mm)
Lamp Arc Length	10.5 in. (267 mm)	17.7 in. (450 mm)
Air Exposure Time to UV Lamp — Per Pass:		
in milliseconds @ 500 ft per minute	180	240
On High Speed	NA	NA
On Low Speed	NA	NA
UV Intensity Inside Aluminum Tube/Housing	7456 Microwatts per/cm ²	12,176 Microwatts per/cm ²
Fan Speed	NA	NA
Noise Level @ 5 ft	NA	NA
Aluminum UV Reflector	5x7.875 in. Tube (127x200 mm)	5x12 in. Tube (127x305 mm)
Inlet/Outlet Filter	NA	NA
Construction	Steel/Powder Coat Paint	Steel/Powder Coat Paint
Certification	NRTL/C, CSA	NRTL/C, CSA
Options	Remote Installation Kit	Remote Installation Kit
Residential Warranty:		
3-Year Including UV Lamp and Parts	YES	YES
Commercial Warranty:		
12,000 hrs on UV Lamp 1-Year on Parts	NA	NA

TOTALINE® AIR PURIFIERS

COMMERCIAL IN-DUCT AIR PURIFIER

The Totaline® P103-CT200G is a commercial purifier. With a powerful UVC source, the P103-CT200G is designed to be installed on the supply side of the return air duct. Air passes through the Chamber and the ultraviolet process helps destroy the biological contaminants.



P1524

P/N P103-CT200G

Specifications

MODEL	P103-CT200G
Application	Commercial
Purifying Capacity	2000 cfm
Outside Dimensions	20x9 in. (508x228 mm)
Plenum Opening Requirements	18x7 in. (457x178 mm)
Weight	15 lbs (6.8 kg)
Power Requirements	120 V, 45 Watts
Hardwire	Optional
Germicidal UV Single Zone Lamp	YES
Lamp Diameter	19 mm
Proprietary UV J Lamp Dimensions	16 in. (406 mm)
Lamp Arc Length	31.2 in. (793 mm)
Air Exposure Time to UV Lamp — Per Pass:	
in milliseconds @ 500 ft per minute	400
On High Speed	NA
On Low Speed	NA
UV Intensity Inside Aluminum Tube/Housing	9497 Microwatts per/cm ²
Fan Speed	NA
Noise Level @ 5 ft	NA
Aluminum UV Reflector	7x19 in. Tube (178x483 mm)
Inlet/Outlet Filter	NA
Construction	Steel/Powder Coat Paint
Certification	NRTL/C, CSA
Options	Remote Installation Kit
Residential Warranty:	
3-Year Including UV Lamp and Parts	NA
Commercial Warranty:	
12,000 hrs on UV Lamp 1-Year on Parts	YES

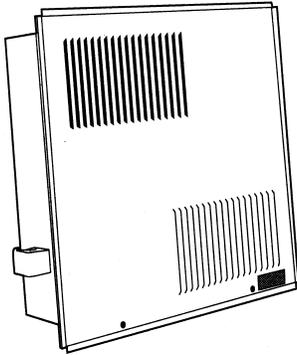
Sizing Guidelines

Offices, Schools and Commercial Applications:	1 per 1800 cfm
Hospitals, Labs, and Areas Requiring High Germicidal Doses:	1 per 1000 cfm

TOTALINE® AIR PURIFIERS

CEILING TILE MOUNT AIR PURIFIER

The Totaline® P103-CMT100G ceiling tile mount UV air purifier is an innovative design. The P103-CMT100G's space saving 24" x 24" design easily installs in the opening of a ceiling tile. Quiet operation and its ability to purify an area of up to 4,000 cubic feet using a UV process, makes this purifier the ideal solution for indoor air quality problems.



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P/N P103-CMT100G

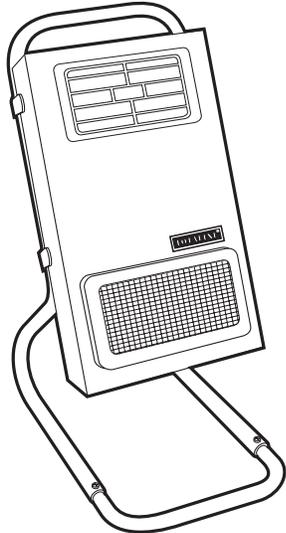
Specifications

MODEL	P103-CMT100G
Application	Commercial Ceiling Tile
Purifying Capacity	500 sq. ft
Outside Dimensions	24x24x9 in. (610x610x229 mm)
Plenum Opening Requirements	NA
Weight	28 lbs (13 kg)
Power Requirements	120 V, 26 Watts
Hardwire	YES
Germicidal UV Single Zone Lamp	YES
Lamp Diameter	19 mm
Proprietary UV J Lamp Dimensions	6.5 in. (165 mm)
Lamp Arc Length	10.5 in. (267 mm)
Air Exposure Time to UV Lamp — Per Pass:	
in milliseconds @ 500 ft per minute	NA
On High Speed	NA
On Low Speed	160 milliseconds
UV Intensity Inside Aluminum Tube/Housing	7270 Microwatts per/cm ²
Fan Speed	71 cfm
Noise Level @ 5 ft	Less than 49 dBA
Aluminum UV Reflector	21x7x9 in. Box (533x178x229 mm)
Inlet/Outlet Filter	14x8 Polypropylene 14x8 Activated Carbon
Construction	Steel/Powder Coat Paint
Certification	NRTL/C, CSA
Options	—
Residential Warranty: 3-Year Including UV Lamp and Parts	NA
Commercial Warranty: 12,000 hrs on UV Lamp 1-Year on Parts	YES

TOTALINE® AIR PURIFIERS

PORTABLE AIR PURIFIER

The Totaline® P103-PT100G is designed to be the most versatile purifier on the market, reducing biological contaminants, with all the benefits of ultraviolet technology in a portable purifier weighing only 13 lbs. The P103-PT100G can be used continuously or when the need arises. Easily transported, the P103-PT100G is ideal for anyone in need of a cost effective, simple solution for the problems associated with indoor air quality.



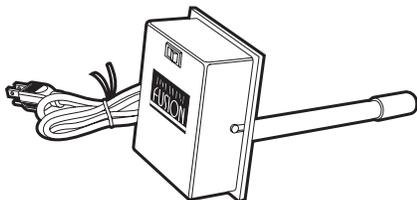
P2129

P/N P103-PT100G

Specifications

MODEL	P103-PT100G
Application	Portable
Purifying Capacity	800 sq. ft.
Outside Dimensions	3.375x11.75x18.625 in. (92x298x475 mm)
Plenum Opening Requirements	NA
Weight	13 lbs (5.9 kg)
Power Requirements	120 V, 85 Watts
Hardwire	NA
Germicidal UV Single Zone Lamp	YES
Lamp Diameter	19 mm
Proprietary UV J Lamp Dimensions	6.5 in. (165 mm)
Lamp Arc Length	10.5 in. (267 mm)
Air Exposure Time to UV Lamp — Per Pass: in milliseconds @ 500 ft per minute	NA
On High Speed	25 milliseconds
On Low Speed	116 milliseconds
UV Intensity Inside Aluminum Tube/Housing	7380 Microwatts per/cm ²
Fan Speed	40/150 cfm variable
Noise Level @ 5 ft	High 60 dBA, Low 49 dBA
Aluminum UV Reflector	2.5x8.5x9 in. Box (63.5x215.9x228.6 mm)
Inlet/Outlet Filter	Aluminum Mesh
Construction	Steel/Powder Coat Paint
Certification	NRTL/C, CSA
Options	Stand
Residential Warranty: 3-Year Including UV Lamp and Parts	YES
Commercial Warranty: 12,000 hrs on UV Lamp 1-Year on Parts	NA

UVC GERMICIDAL OBJECT IRRADIATORS

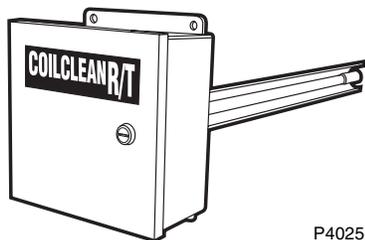


P4000

P/N P103-RRPUVL-012
P103-RRPUVL-018

RESIDENTIAL

The Totaline® Fusion is our entry level Ultraviolet Air Purifier which employs a High Intensity Quartz UV Germicidal Lamp to destroy biological contaminants such as mold, bacteria and viruses; it is designed to kill. The Fusion uses UVC Energy to slice through the air, destroying the biological contaminants which come in contact with the "Kill Zone". The Fusion is available in two sizes, a 12 in. or 18 in. lamp, depending on duct size. Fusion is installed in the return plenum, limiting the amount of contaminants that come in contact with the filter and coil. Because the Fusion uses a high intensity 19 mm quartz lamp, only one lamp is needed, while other manufacturers need multiple lamps to obtain the same intensity. This is an added benefit, as lamp changes will be limited to one not two or more lamps per year. Extremely simple to install with lamp changes taking just seconds, the Fusion is a cost-effective method for home purification.



P4025

P/N P103-RTUVL-024
P103-RTUVL-030

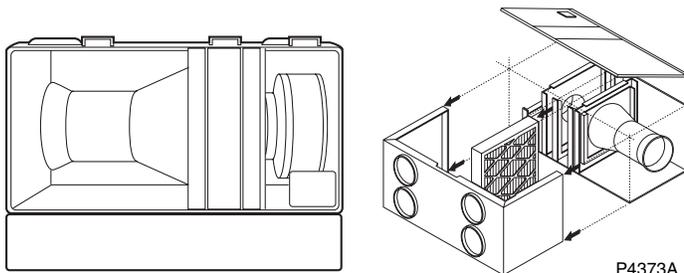
COMMERCIAL

The Totaline® CoilClean RT is specifically designed for exterior rooftop HVAC units. The CoilClean RT employs technology to reduce biological contaminants including mold and fungus on the A/C coil. It uses a weatherproof NEMA 4X Housing, a high-intensity 19 mm quartz germicidal lamp and an aluminum parabolic reflector to direct and intensify the UV energy that would otherwise be lost, ensuring a coil free from microbial growth. No other company offers a complete line of high efficiency UV Air Purifiers and Coil Cleaners to suit virtually any commercial application.

TOTALINE® AIR PURIFIERS

UV AIR PURIFIER & FILTER

The S1000G-25 is a combination Ultraviolet/Filter Air Purifier. It is designed to destroy harmful pollutants and biological contaminants. This unit consists of one 16" UVC "J" shaped lamp, two 1" pre-filters and one 4" 95% efficient ASHRAE filter. In addition to the patented UV process, the S1000G-25 Clean Room option is also available and includes an extra 16" UVC "J" shaped lamp (making a total of two for even more purification), and changing the 95% filter for a 99.97% HEPA filter. The clean room option is typically used for hospitals, day care centers, etc. This unit is equipped with a 1750 CFM blower and can be installed into the existing ventilation system or can be used as a stand-alone unit.



P4373

P4373A

P/N

P103-S1000G-25

Specifications

Outside Dimensions	20x20x41 in.
Mounting	3 sets of four 1/4 in. threaded mounting brackets
Weight	59 lbs
Air Inlets	2x8 in.
Air Outlets	2x8 in.
Power Requirements	120 Volt, 360 Watts, 60 Hz
Power Rating	1750 CFM
Airflow Underload	1000 + CFM
UV Lamp Dimensions	"J" Type (Proprietary) Ultraviolet Split Lamp 19 mm, Dia. 16 in.
Lamp Arc Length	31.2 in.
Air Exposure Time to UV Lamp Per Pass	43 milliseconds
UV Intensity Inside UV Reflector	8,740 microwatts per/cm ²
UV Reflector	10x20 in. Aluminum
Outlet Noise Level @ 5 ft (no duct attached)	59 dBA
Enclosure Noise Level @ 5 ft	54 dBA
Prefilters (2)	1 in. media filter
Main Filter	19.5x19.5x4 in., 90-95% ASHRAE
Chassis & Paint	Aluminum, Powder Coat
Options	Various 19.5x19.5x4 in. Media Filters, Clean Room Option w/Extra Lamp & HEPA filter

COMMERCIAL UV GERMICIDAL AIR PURIFIER/COIL CLEANER

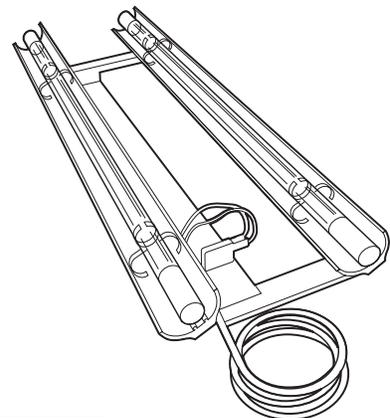
The Totaline® P103-B30G UV Air Purifier/Coil Cleaner is designed for easy aftermarket installation on Bard Wall Mount HVAC units. The P103-B30G uses UV-C energy to destroy bio-chemical contaminants such as mold, mildew, fungus spores, viruses and bacteria without producing ozone. The patented Parabolic Reflector/Shield uses the full 360 degrees of UV light to eradicate contaminants in the air and on the coil while protecting plastics and people from the UV exposure.

Features:

- Easy aftermarket installation.
- Treats the air and destroys mold on the coil.
- Eradicates viruses and bacteria.
- Patented Parabolic Reflector increases intensity.
- Shields eyes from UV exposure.
- Protects motor windings, plastics and people from UV exposure.

Specifications:

Dimensions	30.625 x 10.5 inches (778 mm x 266.7 mm)
Weight	10 lbs. (4.5 kg)
Power Requirements	208/230 VAC
Ballast	Electronic Rapid Start
Safety	Power Interlock Switch
UV Lamps (2)	High Intensity 19 mm Germicidal Pure Fused Quartz
UV Lamp Features	Getter Absorbs Inner Lamp Contaminants, Low Mercury Levels
UV Lamp Length	30 inches (763 mm)
UV Intensity in Fw/cm² (Microwatts)	360 Microwatts per cm ² at 1 Meter
Parabolic Reflectors (2)	30.625 inches (778 mm) Length



P4429