

Totaline® Ultraviolet Object Purifiers Totaline® Saber 24 Volt and 110 Volt Object Purifiers



The Totaline® Saber “Object” UV Purifier is designed to bask Stationary Objects (i.e. evaporator coil, duct walls) with UVC Germicidal Energy, preventing and destroying mold, biological odors and other microbial contaminants.

Totaline®SABER Features:

- A cost effective means to treat the evaporator coil destroying mold and other biological contaminants & odors
- Available with 19 mm. 12" or 16" UVC Germicidal Quartz Lamp
- Various mounting scenarios
- Convenient Grab-And-Go Packaging
- **110V SABER Features:**
 - Quick & Easy Installation. Just plug & play
 - Electronic Low voltage Ballast
 - Weather Resistant Remote Cable
 - Quick & Easy Installation
 - Kit includes Lamp, ballast, 5ft wire set, all hardware and cotton gloves

ORDERING INFORMATION	
Part No.	Description
P103-SABER24-12	24 Volt, 12 inch length
P103-SABER24-16	24 Volt, 16 inch length
P103-SABER110-12	110 Volt, 12 inch length
P103-SABER110-16	110 Volt, 16 inch length

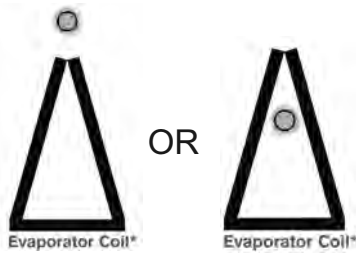
Totaline® Saber Genius UV Object Purifier - Dual Voltage 24/110 Volt

The Totaline Saber Genius UV Object Purifier is Totaline's latest offering for the growing UV Purifier market. The Saber Genius is installed so that the UV rays from the 16" UV-C lamp directly treat the evaporator coil in the HVAC system, exposing any mold, bacteria or other growth to intense UV rays. It can be installed either inside the evaporator "A" coil or over the coil, shining onto it from on top.

Similar in performance to the existing Totaline UV Object Purifier, the Saber Genius includes a 3" LCD display providing real time UV lamp status that "counts down" to a recommendation to change the UV lamp. In addition to providing the owner with a visual indication of status, this feature greatly enhances service opportunities for the contractor/dealer.

- 3" LCD Display provides "Real time" system status
 - Electro-Blue Back-Light Display
 - Contractor call back indicator for lamp replacement
 - Count down purifier animation display
 - Lamp out and ballast out visual alarm
 - Visual status display
- **2nd 16" UVC Lamp included**
- Intelligent Voltage Protection (VP) protects the board of the HVAC equipment
- Dual Voltage 24V & 110V with included step down transformer
- Cotton gloves included
- 1-year limited warranty

Various mounting scenarios, sample Installations



NOTE: UV exposure is dangerous to eyes, skin and exposed plastic or rubber.

Ordering Information

Part Number	Description
P103-SABERGENIUS	Saber Genius UV Object Purifier
P103-SMARTLMP016	16" Replacement Lamp for the P103-SABERGENIUS



LCD Display:

Lamp Operating Status

- Day Counter - Provides lamp life left in days.
- UV Lamp Status - UV PURIFIER OPERATING will show unless: Unit is OFF, Lamp has failed or Lamp is over 365 day life
- Change Lamp Indicator - After 325 days, CHANGE LAMP will illuminate, indicating that lamp will need to be replaced soon. After 365 days, CHANGE LAMP will flash indicating it is time to replace lamp. CHANGE LAMP will also stay on if the lamp fails before the 365 days is up.
- Timer - Rotating Circle indicates time counter. It will stop rotating after 365 days.
- Day Counter - Bars will reduce in number each 45 days indicate lamp life left. At 365 days, no bars will be displayed indicating the lamp should be replaced.
- Call installer - icon will illuminate under the following conditions. 1) The lamp has illuminated for 365 days and is in need of replacement. 2) When an Error-Code appears.
- Error-Codes
 - EC1: Lamp failure
 - EC2: Ballast failure
 - EC3: 24V Power supply voltage too low**
 - EC4: 24V Power supply voltage too high**

** In the event EC3 or EC4 appears, the 110/24V step down transformer must be used.

Totaline® P103-R+ UV System - Dual Voltage 110/240 Volt

The Totaline P103-R+ UV System is designed to be installed in the return or supply air duct to treat the air as it passes through aluminum chamber. The ultraviolet process helps destroy biological contaminants.

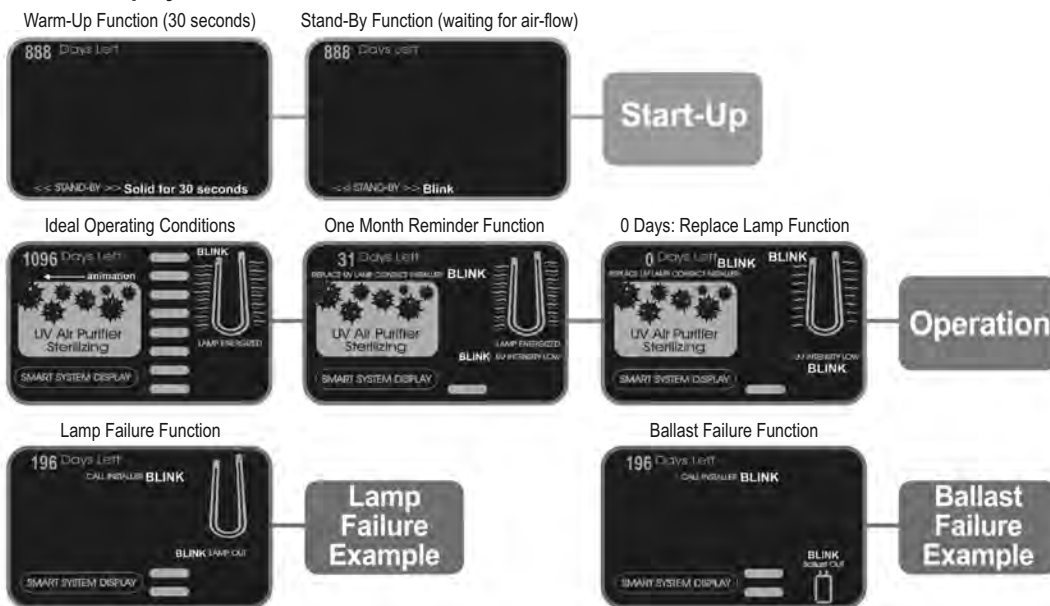
- 3" LCD Display provides system status
 - Electro-Blue Back-Light Display
 - Contractor call back indicator for lamp replacement
 - Lamp out and ballast out visual alarm
 - Warm-Up Function (30 seconds) at start-up
 - Stand-By Function (waiting for air-flow) at start-up
 - Ideal Operating Conditions display during operation
 - One Month Reminder Function display during operation
 - 0 Days: Replace Lamp Function display during operation
- High intensity UV "J" lamp (18" arc length), Turbulator and Reflecting Chamber
- Self cleaning, maintenance free
- 3-Year Lamp life
- Smart ballast automatically switches from 110V to 240V
- Microprocessor controlled for automatic operation
- UV Chamber rotates 360 degrees for up or down-flow systems
- Slim Fit design for easy installation in tight spaces
- 3-year limited replacement warranty
- CAS C/CUC Certified & CE Approved



Ordering Information

Part Number	Description
P103-R+	UV System
P103GERMLAMP105HI	UV "J" Lamp replacement for the P103-R+ UV System

3" LCD Display



Compressors,
Chillers, Condensers

Motors

Electrical

Heating
Components

Indoor Air
Quality

Thermostats

Oils &
Chemicals

Accessories, Supplies
& Commodities

Tools &
Instruments

Refrigeration

TOTALINE® PORTABLE AIR PURIFIER



The Totaline® P103-PT900G is designed to be the most versatile purifier on the market, reducing biological contaminants, with all the benefits of patented ultraviolet technology in a portable purifier weighing only 11 lbs. The P103-PT900G is equipped with a built in electronic timer that can be set up to 9 hourly settings, or set to run continuously, as well as a 9 speed electronic motor control. Easily transported & includes a removable stand. The PT900G will purify up to 900 sq. ft. and is ideal for anyone needing a cost effective solution or for those who work in offices or do not have a forced air system.

MODEL / PART NO	P103-PT900G
Application	Portable
Purifying Capacity	900 sq. ft.
Outside Dimensions	3.75 x 11.6 x 18.75 in (95 x 294 x 476 mm)
Plenum Opening Requirements	NA
Weight	11 lbs (5.0 kg)
Power Requirements	120 / 230V, 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/cm2
Fan Output	40/75 cfm variable
Fan Speeds	9
Electronic Timer	1 – 9 hrs & continuous
Noise Level @ 5 ft	High 60 dBA, Low 49 dBA
Aluminum UV Reflector	2.5 x 8.5 x 9 in. Box (63.5 x 215.9 x 228.6 mm)
Inlet/Outlet Filter	Aluminum Mesh
Construction	Steel/Powder Coat Paint
Certification	NRTL/C, CSA
Stand	Included
Residential Warranty: 3-Year Including UV Lamp and Parts	YES
Commercial Warranty: 12,000 hrs on UV Lamp 1-Year on Parts	NA

TOTALINE® UVC GERMICIDAL OBJECT IRRADIATORS



PART NO: P103-SABER12
P103-SABER18

RESIDENTIAL

The Totaline® Saber 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 Totaline® Saber uses UVC Energy to slice through the air, destroying the biological contaminants which come in contact with the "Kill Zone". It is available in two sizes, a 12" or 18" lamp, depending on duct size, and is installed in the return plenum, limiting the amount of contaminants that come in contact with the filter and coil. Because the unit 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, it is a cost-effective method for home purification.



PART NO: 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.