



Website: <http://www.somamedical.net>

Sales Inquiry

Medical Germicidal Air Purification System (Cleanature SM767B)



Additional features

- LCD full screen display
- Remote control



AIR IONIZER to remove allergens, bacteria, chemicals & other particles from air.

ULPA / HEPA AIR FILTER which is 99.97% effective at removing particles such as dust & mold.

GERMICIDAL UVC LAMP to destroy micro-organism like germs, viruses, bacteria and molds.

ACTIVATED CARBON FILTER for chemicals gases, odors and cigarette smoke.

OZONE OPTION which can be activated to remove strong odors, or completely disabled.

ANTI BACTERIA PRE-FILTER extends the life of other filters by removing larger particles.



Specification

Filter : Electrostatic + HEPA + Activate carbon + photo catalyst Static plasma: with honeycomb type of aluminum

Negative Ion generation rate: 5×10^6 ions / s

Ultraviolet light : Yes, intensity 23,000 $\mu\text{W}/\text{cm}^2$ (Quartz Lamp)

Air Sensor : Dust, odor, air hydrogen, ammonia, hydrogen sulfide, ethane, air methane, butane and carbon

Ozone application : Yes (≤ 0.05 ppm)

Purification rate : $\geq 99.997\%$

Anti-bacteria rate : $\geq 90\%$

Airflow rate : 400 cfm/70m³/H (low) 450 cfm/150m³/H (medium) 500 cfm/210m³/h (high)

Air exchange rate : 2 hours (low) 1 hour (medium) 0.6 hour (high)

Recommended room use : 60 m² (650 ft²)

Power supply : 110 – 230V, 50Hz ($\leq 65\text{W}$)

Product dimension : 580 x 450 x 240 mm

Terms & condition apply



Website: <http://www.somamedical.net>

Sales Inquiry

Medical Germicidal Air Purification System (Cleanature SM899B/888)



AIR IONIZER to remove allergens, bacteria, chemicals & other particles from air.

HEPA AIR FILTER which is 99.97% effective at removing particles such as dust & mold.

GERMICIDAL UVC LAMP to destroy micro-organism like germs, viruses, bacteria and molds.

ACTIVATED CARBON FILTER for chemicals gases, odors and cigarette smoke.

OZONE OPTION which can be activated to remove strong odors, or completely disabled.

ANTI BACTERIA PRE-FILTER extends the life of other filters by removing larger particles.



Specification

Filter : Pre-washable filter + HEPA + Active Carbon + Biological antibacterial
+ light touch + cold touch media

Negative Ion generation rate: 5×10^6 ions / s

Ultraviolet light : Intensity 18,000 $\mu\text{W}/\text{cm}^2$ (Boron Lamp)

Ozone application : Yes (≤ 0.04 ppm)

Purification rate : $\geq 99.985\%$

Anti-bacteria rate : $\geq 90\%$

Recommended room use : 30-40 m²

Power supply : 220 – 230V, 50Hz ($\leq 30\text{W}$)

Product dimension : 320 x 170 x 300 mm

LCD full screen display



Website: <http://www.somamedical.net>

Medical Germicidal Air Purification System (Cleanature SM988B)



AIR IONIZER to remove allergens, bacteria, chemicals & other particles from air.

ULPA / HEPA AIR FILTER which is 99.97% effective at removing particles such as dust & mold.

GERMICIDAL UVC LAMP to destroy micro-organism like germs, viruses, bacteria and molds.

ACTIVATED CARBON FILTER for chemicals gases, odors and cigarette smoke.

OZONE OPTION which can be activated to remove strong odors, or completely disabled.

ANTI BACTERIA PRE-FILTER extends the life of other filters by removing larger particles.

Additional features

- LCD full screen display
- Super thin remote control



Specification

Filter : Pre-washable + ULPA + Activate carbon + photo catalyst

Negative Ion generation rate: 5×10^6 ions / s

Ultraviolet light : 2 on both sides with intensity 23,000 $\mu\text{W}/\text{cm}^2$ (Boron Lamp)

Air Sensor : Dust, odor, air hydrogen, ammonia, hydrogen sulfide, ethane, air methane, butane and carbon

Ozone application : Yes (≤ 0.05 ppm)

Purification rate : $\geq 99.997\%$

Anti-bacteria rate : $\geq 90\%$

Airflow rate : 42 cfm/70m³/H (low) 90 cfm/150m³/H (medium) 125 cfm/210m³/h (high)

Air exchange rate : 2 hours (low) 1 hour (medium) 0.6 hour (high)

Recommended room use : 40 m²

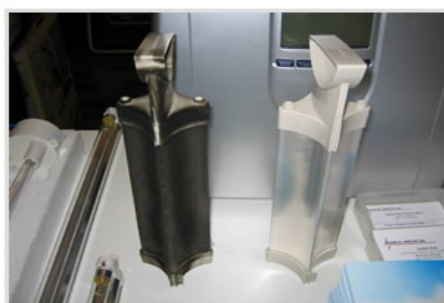
Power supply : 110 – 230V, 50Hz ($\leq 65\text{W}$)

Product dimension : 360 x 180 x 510 mm

Terms & condition apply

Products - Cleanature

Cleanature SM 788 16" Ionic Tower Air Purifier



Specifications

Model	Cleanature SM788
Dust collector	Electrostatic plate (no filter to replace)
Negative Ion generation rate	3 x 10 ⁶ ions / s (Remove particles as small as 0.1 microns from the air.)
Ozone application	Optional (≤ 0.04ppm)
Recommended room use	25-30 m ²
Power supply	220 – 230V, 50Hz
Product dimension	200 x 150 x 410 mm





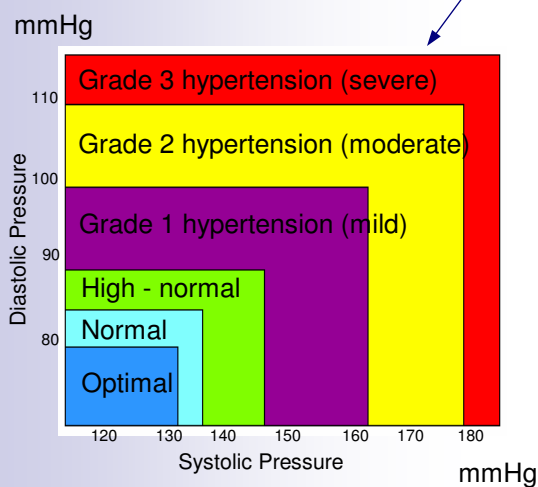
Website: <http://www.somamedical.net>

AccuRead Arm DB61M (Blood Pressure Monitor with WHO Light Sign Indicator)



Feature:

- Fully automatic inflation and deflation
- Super large LCD display (size: 6 x 7 cm)
- 4 person use/99 memory each
- Irregular heartbeat detector
- 4 alarm clock settings
- 5 mode average value of reading
- 6 colour WHO (World Health Organization) light indicator



**WHO (World Health Organization)
light sign indicator**

Specifications

Blood Pressure

Measurement Range: 20~280mm Hg
Accuracy: +/- 3mmHg
Display: Systole, Diastole, Pulse

Pulse

Measurement Range: 40~195 pulse/min.
Pulse Rate Accuracy: +/- 5% of the reading

Power Dimension

Power: 3V, 4 x AAA size
Dimension: 4.8" (W) x 6" (H) x 5.3" (D)
Weight: Approx. 344g (excl. batteries), cuff 120g

Arm Circumference : 22 - 34 cm (Special order for extra size)

Auto Power off after 3 minutes

Product Qualification

CE0434: This product fulfils the requirement for Directive 93/42/EEC concerning Medical Device.

FDA KO14141/ISO 9001/MDD Annex V: Manufactured in accordance with International standards

TRULY

Products – UVC's

UVMax™ SM8 suspended ceiling / wall mounted

UV™
max

Coverage area:
18 sq ft



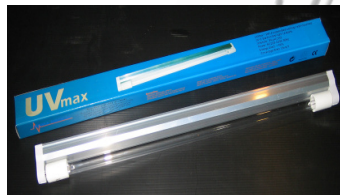
Specifications	
Model	SM8 suspended/wall mounted
Ultraviolet light	Yes : Intensity 24,000 $\mu\text{W}/\text{cm}^2$
Bulb lifespan	9,000 hours operational
Energy used	$\geq 90\%$
Power supply	240 V 50 Hz (8 W)
Product dimension	12"



Products – UVC's

UVMax™ SM14 suspended mounted

UVTM
max



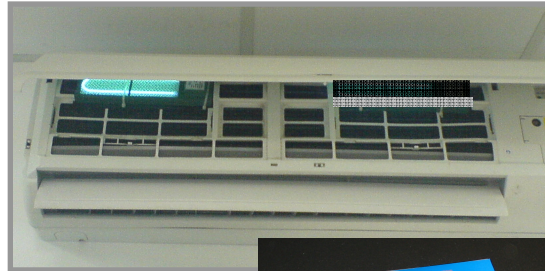
Coverage area:
25 sq ft

Specifications	
Model	SM14 suspended/wall mounted
Ultraviolet light	Yes : Intensity 24,000 $\mu\text{W}/\text{cm}^2$ Wavelength: 235.7nm
Bulb lifespan	9,000 hours operational
Energy used	$\geq 90\%$
Power supply	240 V 50 Hz (12 W)
Product dimension	437 mm



Products – UVC's

UVMax™ 212 cassette unit for split system air conditioning



UVTM
max

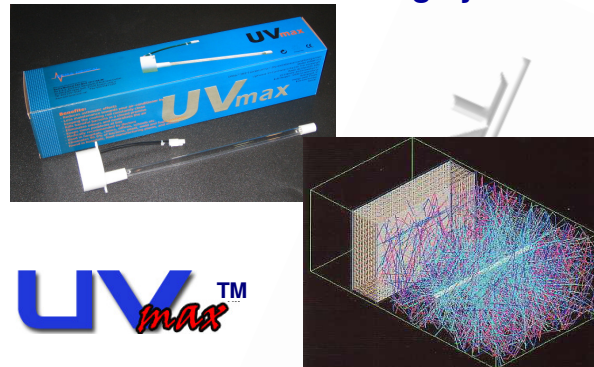


Specifications	
Model	212 cassette unit for 1-1.5 hp air conditioning system
Ultraviolet light	Yes Intensity 18,000 $\mu\text{W}/\text{cm}^2$
Bulb lifespan	12,000 hours operational
Energy used	$\geq 90\%$
Power supply	220-230 V 50 Hz (6 W)
Product dimension	9"



Products – UVC's

UVMax™ 313 socket unit for centralized air conditioning ducting systems



Specifications	
Model	UVMax™ 313 socket unit for 1.5hp and above air conditioning system -ducting system
Ultraviolet light	Yes Intensity 24,000 $\mu\text{W}/\text{cm}^2$
Bulb lifespan	12,000 hours operational
Energy used	$\geq 90\%$
Power supply	220-240 V 50 Hz (9 W)
Product dimension	9"



Products – UVC's against MRSA

Ultraviolet Light 'C' in the treatment of Chronic wounds with MRSA



The prevalence of antibiotic-resistant bacteria such as methicillin-resistant *Staphylococcus aureus* is rapidly increasing in healthcare facilities and spreading to the community. Methicillin-resistant *S. aureus* colonize the skin and open wounds and can interfere with wound healing. Recent studies have shown that ultraviolet light C can kill antibiotic-resistant strains of bacteria such as methicillin-resistant *S. aureus* in both laboratory cultures and animal tissue. This clinical report describes the effects of ultraviolet light C on wound bioburden and closure in three people with chronic ulcers infected with methicillin-resistant *S. aureus*. In all three patients, ultraviolet light C treatment reduced wound bioburden and facilitated wound healing. Two patients had complete wound closure following 1 week of ultraviolet light C treatment. This case study suggests that ultraviolet light C is a promising adjunctive therapy for chronic wounds containing antibiotic-resistant bacteria such as methicillin-resistant *S. aureus*.

KEY POINTS

- Chronic wounds are an important risk factor for acquiring antibiotic-resistant bacteria that may, in turn, delay healing.
- The case studies presented here build on and confirm earlier pre-clinical study observations: Ultraviolet light C can kill methicillin-resistant *Staphylococcus aureus*, as well as other non-antibiotic resistant bacteria.
- Given existing treatment limitations, current trends in the emergence of antibiotic-resistant bacteria, and the encouraging results reported here, research to ascertain the effectiveness of treatments that may help break the cycle of antibiotic resistance is long overdue.



Products – UVC's against MRSA



UVMax™ SM2020 – Customized Medical Germicidal Ultraviolet System for Diabetic Wound and Chronic Ulcers with MRSA



UVC TREATMENT PROTOCOL

Using an application technique that has been prescribed by Nussbaum et.al, our UVmax SM2020 UVC is applied at a distance of 9" vertically above the wound using pre measured and customized fittings. Before treatment, the customized UVmax SM2020 with a 253.7 nm hot cathode UVC double tube lamps and generator is warmed up for 5 minutes before being placed above the wound. The ulcer is to be cleaned with sterile saline, and a layer of petroleum jelly is applied to the surrounding periulcer skin and any healthy granulation tissue. The wound edges are to be covered with a drape.

The UVmax SM2020 sanitizing system then is placed above the wound at 180 sec per wound site at a distance of 9". This length of time is recommended for the treatment of infected ulcers and was selected based on MRSA killing rates reported in the *in vitro* study. Subsequent and further periodic treatment is based on the recommendation of the physician or specialist in attendance.

Specifications	
Model	MEDICAL GERMICIDAL SYSTEM SM2020
Filter	HEPA
Negative Ion generation rate	5×10^6 ions / s
Ultraviolet light	Yes - Intensity 30,000 $\mu\text{W}/\text{cm}^2$
Ozone application	$\leq 0.04\text{ppm}$
Purification rate	$\geq 99.965\%$
Anti-bacteria rate	$\geq 90\%$
Thermal Heat Dissipation	Prevents lamp cycling or premature failure
Power supply	220 – 240V, 50Hz ($\leq 30\text{W}$)
Product dimension	320 x 170 x 300 mm

Products – UVC's

UVMax™ SM T8 - UVC for HVAC Double Ended Very High Output Germicidal Light



Specifications	
Model	SM T8 Double Ended UV
Ultraviolet light	Yes, 80,000 $\mu\text{W}/\text{cm}^2$
Design	Hospital Grade Stainless Steel Casing, Shatter proof and temperature resistance - American Design
Length	36 Inches
Purification rate	$\geq 99.965\%$
Anti-bacteria rate	$\geq 90\%$
Tube Lifespan	9,000 operational hrs
Power supply	220 – 240V, 50/60Hz ($\leq 30\text{W}$)
Emitter tube	UV-C : 253.7nm. 35° F.NO OZONE.

UVTM
max

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