Two models are available, with four germicidal lamps or a germicidal/hospital, pharmaceutical, clean room and laboratory ultraviolet requirement.

Model RT-36-4G, Type E

GERMICIDAL FIXTURES

TYPICAL USES

- Air purification
- Liquid sugar sterilization
- Air sterilization
- Laboratory research and analysis
- UV inspection equipment
- Safety equipment
- UV adhesive curing
- Spot curing systems
- Ultraviolet (UV) adhesives curing

DELUXE SURFACE-MOUNTED FIXTURES

These germicidal fixtures are constructed of die-formed, one-piece steel and reflective aluminum. They are manufactured for hospital, pharmaceutical, clean-room and laboratory ultraviolet requirements. Two models are available, both with germicidal lamps or a germicidal disinfecting contaminating engine. Presence and germicidal lamps. Type B: Disposed and caging

Type M: Position caging

Here are a few customers who have turned to American Ultraviolet Company for germicidal fixtures:

- Jackson Memorial Hospital
- Warner Lambert
- McK & Co
- Bellevue Hospital
- Pepsi-Cola
- Heinz Co.
- Ralston Purina Co.
- Heinz Co.
- Coca-Cola Bottling Co.
- Duke Medical Center
- Proctor and Gamble Co.
- Warner-Lambert
- R. J. Reynolds
- W. A. Warner

For more information about the fixtures described in this catalog and for a free brochure, please contact American Ultraviolet Company today.

The dust-free design of these fixtures ensures a lifetime of dependability and contemporary appearance. They have specular aluminum reflectors for maximum ultraviolet efficiency. Further, molded fixtures are available in sizes that are compatible with one or two fixtures as well as two fixtures. The product is also offered in a variety of sizes and styles, both for hospitals and laboratories.

American Ultraviolet Company equipment is manufactured exclusively in the USA.
American Ultraviolet Company has manufactured and installed ultraviolet systems in excess of 1,000,000 square feet in hundreds of hospitals, laboratories and pharmaceutical plants and distribution centers across the globe. Four models are available: RECESSED TROFFER, CLOSE-ENDED REFLECTOR FIXTURES, DELUXE SURFACE-MOUNTED FIXTURES and SUPER SURFACE-MOUNTED FIXTURES. The dust-free design of these fixtures ensures a lifetime of dependability and contemporary appearance. They have specular aluminum reflectors for maximum ultraviolet efficiency. Customized models are available in models with one or two fixtures, as well as various lengths. Optional aluminum panels with protective UV lamps forbreakage in congested areas. Designed for laboratories, hospitals and clean room applications.

American Ultraviolet systems decontaminate by concentrating their UV-C radiation upon specific target areas. In many hospitals, on upper room air. Ultraviolet radiation works in harmony with hospital monitoring systems, and is one of the most reliable ultraviolet products at a fair price. For more information about the Germs described in this catalog and a free brochure, USA Ultraviolet Engineering and Technical Services Center, call American Ultraviolet Company.

W ater Purification
• Operating Rooms
• E Prom Erasing
• Liquid Sugar Sterilization
• Air Sterilization
• Meat processing plants
• Dairy plants
• Bakeries
• Food manufacturing plants
• Pharmaceutical laboratories
• Methadone clinics
• Prisons and jails

Medical, industrial and recreational UV equipment and accessories.

AMERICAN ULTRAVIOLET COMPANY
HEADQUARTERS
66 South 3rd Road
Lebanon, IN 46052
(800) 337-2717
Fax: (317) 299-9523
www.americanultraviolet.com

Ultra-Violet Germicidal Fixtures

American Ultraviolet Company equipment is manufactured entirely in the USA.
The germicidal fixtures and disinfectant equipment described in the document include various models designed for different applications and environments. These models are known for their ability to control tuberculosis and other airborne microorganisms, making them suitable for use in hospitals, clinics, and other healthcare facilities.

**Germicidal Fixtures**

- TB-36-2
- TB12W / 24W / 36W
- Model TB250 / 250H / 250S
- CORNER-MOUNTED FIXTURES
- MOBILE ROOM STERILIZER
- GERMINICAL DOOR BARRIER
- PORTABLE AIR STERILIZATION UNITS

**Disinfectant Equipment**

- ACP-10
- ACP-12
- ACP-36
- ACP-40
- ACP-120
- ACP-360
- ACP-1000
- ACP-5100

The document highlights the importance of selecting the right equipment for specific needs, emphasizing the benefits of using germicidal ultraviolet lamps and fixtures. It also stresses the need for proper maintenance and installation to ensure maximum effectiveness and safety.

In conclusion, the document provides a comprehensive overview of the products offered by American Ultraviolet, covering both germicidal fixtures and disinfectant equipment, aimed at meeting the diverse needs of healthcare facilities and beyond.
A totally enclosed air movement/sterilization system, this unit comes complete with filters, fans and high-output slimline ultraviolet lamps. It is designed for indirect fixtures. Constructed of 304 stainless steel, each fixture produces six to seven air changes per hour in rooms up to 1,000 square feet. They mount seven feet above the floor and use 12,000-hour hardglass slimline quartz lamps. Relamping requires only a few minutes. The germicidal ultraviolet intensity, and they are constructed of 316 stainless steel with an alzak aluminum reflector and cover protecting personnel and providing maximum germicidal energy. The units are constructed of 304 stainless steel with an alzak aluminum reflector and cover protecting personnel and providing maximum germicidal energy. The louver restricts and concentrates the ultraviolet rays above eye level so personnel can occupy the room while the fixtures are operating. The units are shipped fully assembled with two electrical knockouts on top and bottom for wiring access.

**Model TB-36-2**

- **Electrical**: 120V, 60Hz, 3Amp
- **Lamp Intensity**: 50 uW/CM²
- **Sq. Ft. Coverage**: 75 sq. ft.
- **Construction**: 304 Stainless Steel
- **Air Movement**: Convection
- **Lamp Life**: 12,000 hours
- **Lamp Replacement**: Early
- **Lamps**: 1 Slimline ultraviolet lamp and louver.

**Model TB12W / 24W / 36W**

- **Electrical**: 120V, 60Hz, 3Amp
- **Lamp Intensity**: 100 uW/CM²
- **Sq. Ft. Coverage**: 200 sq. ft.
- **Construction**: 304 Stainless Steel
- **Air Movement**: Convection
- **Lamp Life**: 12,000 hours
- **Lamp Replacement**: Early
- **Lamps**: 1 Slimline ultraviolet lamp and louver.

**Model TB-12**

- **Electrical**: 120V, 60Hz, 3Amp
- **Lamp Intensity**: 175 uW/CM²
- **Sq. Ft. Coverage**: 300 sq. ft.
- **Construction**: 304 Stainless Steel
- **Air Movement**: Convection
- **Lamp Life**: 12,000 hours
- **Lamp Replacement**: Early
- **Lamps**: 1 Slimline ultraviolet lamp and louver.

**INDUSTRIAL WATER DISINFECTANT EQUIPMENT**

American Ultraviolet provides in-line ultraviolet systems for all liquid sterilization applications, with flow rates ranging from one (1) GPM to 9,000 GPM. All these systems meet a minimum of 50,000 MICROCUTS of photonic kilowatts intensity, and they are constructed of 316 stainless steel. Please consult the factory for other models and sizes.

**Portable Air Sterilization Units**

These units clean the environment by reducing airborne and surface bacteria, viruses and organisms. Both feature a variable speed fan (10-100 cfm). The AP-600 has two 9 watt germicidal lamps with 254 nm output and can treat rooms up to 200 square feet. The RM9U105 has nine 9 watt germicidal lamps, is effective for rooms up to 250 square feet.

**MOBILE ROOM STERILIZER**

**Model UVXL**

This portable eight lamp ultraviolet fixture features a time delay and 24 hour timer for total room irradiation. It is designed for operating rooms, sterile areas, laboratories, unoccupied patient rooms, clean rooms and all other applications where permanent fixtures are not practical. Each unit is equipped with a timer for maximum portability.

**TUBULAR ULTRAVIOLET AIR STERILIZATION SYSTEMS**

These newly designed fixtures control tuberculosis, as well as other airborne viruses, mold spores and microorganisms.

**GERMICIDAL DOOR BARRIER**

**Style: DB-36**

By creating a curtain of germicidal ultraviolet rays, this fixture provides effective control of airborne microorganisms between areas. It confines the germicidal energy to a narrow beam, providing full coverage of a three-foot doorway. Larger openings require multiple fixtures. The ultraviolet lamp is positioned behind concentrating louvers for maximum energy and personnel safety.

**MOBILE ROOM STERILIZER**

**Model UVXL**

This portable eight lamp ultraviolet fixture features a timer for total room irradiation. It is designed for operating rooms, sterile areas, laboratories, unoccupied patient rooms, clean rooms and all other applications where permanent fixtures are not practical. Each unit is equipped with a timer for maximum portability.

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**MOBILE ROOM STERILIZER**

**Model UVXL**

This portable eight lamp ultraviolet fixture features a timer for total room irradiation. It is designed for operating rooms, sterile areas, laboratories, unoccupied patient rooms, clean rooms and all other applications where permanent fixtures are not practical. Each unit is equipped with a timer for maximum portability.

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American Ultraviolet provides in-line ultraviolet systems for all liquid sterilization applications, with flow rates ranging from one (1) GPM to 9,000 GPM. All these systems meet a minimum of 50,000 MICROCUTS of photonic kilowatts intensity, and they are constructed of 316 stainless steel. Please consult the factory for other models and sizes.

**PORTABLE AIR STERILIZATION UNITS**

These units clean the environment by reducing airborne and surface bacteria, viruses and organisms. Both feature a variable speed fan (10-100 cfm). The AP-600 has two 9 watt germicidal lamps with 254 nm output and can treat rooms up to 200 square feet. The RM9U105 has nine 9 watt germicidal lamps, is effective for rooms up to 250 square feet.
**Germicidal Fixtures and Disinfectant Equipment**

**TB UNITS**
These newly designed fixtures feature a monthly vent, as well as other ventilation, lighting, and maintenance improvements.

- **Model TB120 / 240 / 360**
  - Designed to accommodate two air exchanges per hour on each side of the fixture. Each fixture produces six to eight air changes per hour in rooms up to 1,000 square feet. The units are shipped assembled and include a grounded power cord, pull-chain switch, and a removable front louver. Models are designed to mount in room corners with two keyhole slots at a height of seven feet above the floor and use 2,000-hour high-output slimline ultraviolet lamps. Relamping requires only disconnecting the power and lowering the hinged front louver. Models are shipped assembled and include a grounded power cord, pull-chain switch, and a removable front louver.

**TB120-36**
Attaches into an instrument sterilization system, this unit comes complete with filter, fan, and high-output slimline ultraviolet lamp. This unit is designed for rooms where concentration or cleaning height prohibits the use of wall-mounted indirect fixtures. Construction of 304 stainless steel, each fixture produces six to eight air changes per hour in rooms up to 1,000 square feet.

**CORNER-MOUNTED FIXTURES**
Designed to mount in room corners, with two latchable slots at a height of seven feet above the floor. These units are designed to accommodate two air exchanges per hour on each side of the fixture. Each fixture produces six to eight air changes per hour in rooms up to 1,000 square feet. The units are shipped assembled and include a grounded power cord, pull-chain switch, and a removable front louver.

**INDUSTRIAL WALL DISINFECTANT EQUIPMENT**
American Ultraviolet provides low-alkaline germicidal systems for all liquid sterilization applications, with flow-rates ranging from one (5 HP) to 1000 HP. All these systems meet a minimum of 20,000 MIRC of germicidal ultraviolet intensity and are constructed of 316 stainless steel. Please consult the factory for other models and sizes.

**MOBILE ROOM STERILIZER**
Model MRS841U
This portable eight-lamp ultraviolet fixture features a timer-delay and 24-hour timer for total room irradiation. It is designed for operating rooms, sterile areas, laboratories, occupied patient rooms, clean rooms and all other applications where permanent fixtures are not practical. Each unit is equipped with a 24-hour timer for total room irradiation. The units are shipped assembled and include a grounded power cord, pull-chain switch, and a removable front louver.

**GERMICIDAL DOOR BARRIER**
Model DB-36
By creating a curtain of germicidal ultraviolet rays, this fixture provides effective control of airborne microorganisms between rooms. It combines the germicidal energy of a narrow beam, providing full coverage of a three-foot beam. The beam is effective on both sides of the door, providing full coverage. The units are shipped assembled and include a grounded power cord, pull-chain switch, and a removable front louver.

**VACUUM PURIFICATION STERILE CONDITIONERS**
Models ACP-10, ACP-12, and ACP-36
Sterile conditioners are designed for residential, light industrial and large commercial installations requiring germicidal ultraviolet lamps inside existing duct plenums. Sterile conditioners decontaminate air as it passes through the duct, providing microorganism breakdown. ACP-10: For ducts up to 10 inches wide. ACP-12: For ducts up to 12 inches wide. ACP-36: For ducts up to 36 inches wide.

**PORTABLE AIR STERILIZATION UNITS**
Models AP-600 and RM9U105
These units are designed for operating rooms, sterile areas, and large commercial installations requiring germicidal ultraviolet lamps inside existing duct plenums. Sterile conditioners decontaminate air as it passes through the duct, providing microorganism breakdown. ACP-10: For ducts up to 10 inches wide. ACP-12: For ducts up to 12 inches wide. ACP-36: For ducts up to 36 inches wide.

**ASSY TOOLS & ACCESSORIES**
- **UV Source Inc.**
  - A totally enclosed air movement/sterilization system, this unit comes complete with filters, fans and high-output slimline ultraviolet lamps. It is designed for operating rooms, sterile areas, laboratories, occupied patient rooms, clean rooms and all other applications where permanent fixtures are not practical. Each unit is equipped with a 24-hour timer for total room irradiation. The units are shipped assembled and include a grounded power cord, pull-chain switch, and a removable front louver.

- **American Ultraviolet’s Divisions**
  - **UV Source Inc.**
  - **TB Units**
  - **Mobile Room Sterilizer**
  - **Industrial Wall Disinfectant Equipment**
  - **Vacuum Purification Sterile Conditioners**
  - **Portable Air Sterilization Units**

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**Contact Information**
- UV Source Inc.
  - 201 W. 205th St. #205
  - Torrance, CA 90505
  - (310) 767-1400
  - Fax: (310) 530-8486
  - (800) 783-1548
  - www.uvsource.com
  - auvwest@hotmail.com

- ACP-36:
  - For ducts up to 36 inches wide.

UV Source Inc.
201 W. 205th St. #205
Torrance, CA 90505
(310) 767-1400
Fax: (310) 530-8486
(800) 783-1548
www.uvsource.com
auvwest@hotmail.com
Two models are available, with four germicidal lamps or a germicidal/hospital, pharmaceutical, clean room and laboratory ultraviolet requirements.

These germicidal ultraviolet fixtures are constructed of die-formed, one-piece steel and highly reflective aluminum. They are manufactured to meet these ultraviolet needs:

- Ultraviolet lamp
- UVC lamp
- Ultraviolet sterilization

Lamp lengths of 4, 6, 8, 12, 18 & 36 inches are available with prominent and/or blacklight ultraviolet.

Model RT-36-4G, Type E

RECESSED TROFFER

In-line models with lamp configurations of one to four, these fixtures direct and confine the ultraviolet rays to specific areas. They are designed for use over conveyor lines, laboratory benches or with adjustable legs for pedestrian protection. Stainless steel and highly reflective aluminum are available with germicidal and/or blacklight ultraviolet.

Model SM-30-C, SM-30-CGR and SM-30-2C

DELUXE SURFACE-MOUNTED FIXTURES

These germicidal ultraviolet fixtures are constructed of die-formed, one-piece steel and highly reflective aluminum. They are manufactured to meet hospital, pharmaceutical, clean room and laboratory ultraviolet requirements.

Utility channels are available with flat, A-shaped or half-round reflectors for general-purpose air and surface sterilization. Utility germicidal fixtures are designed for flat surfaces and can be ceiling-mounted or suspended.

Model UFA-36-2

UTILITY FIXTURES

Metal Life 30-36-2

Utility fixtures are available with flat, A-shaped or half-round reflectors for general-purpose air and surface sterilization. Utility germicidal fixtures are constructed of aluminum and can be ceiling-mounted or suspended. Different sizes and configurations are available for all applications. Utility fixtures utilize cold cathode, slimline and hot cathode germicidal lamps. Designed with high output lamps for HVAC and irradiation applications as well.

Model M

SHORTEST GERMICIDAL

- Air Sterilization
- Liquid Sterilization
- Bacterial Killing
- Gas Extermination
- Operating Rooms
- UV Meters
- Water Purification

LONGEST GERMICIDAL

- Radiation Control
- Sterilization Equipment
- Laboratory Research and Analysis
- Sterilization Equipment
- UV Curing Equipment
- Safety Goggles

Amendments have been made to discuss the ultraviolet sterilization potential and its use in hospitals. Utilizing the ultraviolet system at a hospital can be advantageous in the sterilization of instruments and other equipment. Nursing homes, schools and hospitals are a few of the many environments that benefit from the use of germicidal ultraviolet lamps. These fixtures are designed for ultraviolet applications.

The most frequently used ultraviolet systems are designed to inactivate bacteria, viruses, fungi and mold spores—on hard surfaces, in the air or in process water. These systems use germicidal ultraviolet lamps to inactivate these microorganisms effectively.

UV CURING

- Conventional, curing systems with vapors
- Reduced curing systems
- UV curing systems
- Metal mobile systems
- Process supplies: EX1200/200, Statis Blits
- Safety equipment
- Uvix types UV1-Uvix

UV curing is a process that involves the use of light-curing systems to solidify plastic, thermoset resins and other systems. Ultraviolet curing is a process that involves the use of ultraviolet lamps to cure polymers and other resins. Ultraviolet curing is a process that involves the use of ultraviolet lamps to cure polymers and other resins. Ultraviolet curing is a process that involves the use of ultraviolet lamps to cure polymers and other resins. Ultraviolet curing is a process that involves the use of ultraviolet lamps to cure polymers and other resins.