

ALTRU-V

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REPRESENTED BY:

SPECIFICATIONS

UVC Lamp and fixture are factory-assembled and tested. They consist of a housing, power source, lamp sockets and lamp. All components are constructed to withstand typical HVAC environments. They are UL/C-UL Listed under Category Code ABQK (Accessories, Air Duct Mounted), UL Standards: 153, 1598 & 1995, respectively.

Housing is constructed of type 304 stainless steel and is equipped with both male and female power plugs--one type at each end to facilitate simple fixture to fixture plug-in (coupling) for A/C power. Fixtures may be used as built-up or as side access, as required or as shown in the plans. Each fixture incorporates all components into one integral assembly that maximizes serviceability. Fixtures are designed to be mounted anywhere in an HVAC system or as shown on the plans.

Power Source is an electronic, high frequency, rapid-type with overload protection. It's available in 120V and is designed to maximize radiance and reliability at UL/C-UL Listed temperatures of 55-135° F. It includes exclusive RF and EMI suppression.

Sockets are medium bi-pin, single click safety, twist lock type. They are constructed of a UVC-resistant polycarbonate.

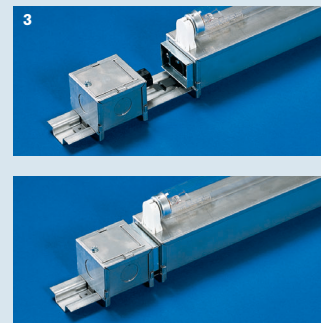
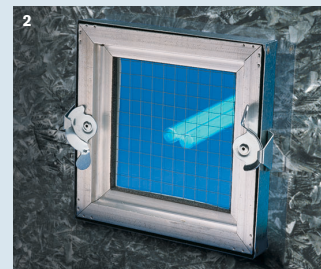
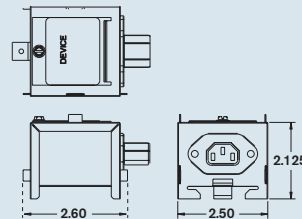
Lamp is a high-output, hot cathode, T8 diameter, medium bi-pin type that produces UVGI of 254 nm. Each tube produces the specified output at 500 fpm and air temperatures of 55-135° F.

Independent Testing: ALTRU-V systems have been independently tested to verify conformance to UL/C-UL per Category Code ABQK (Accessories, Air Duct Mounted) and UL Standards: 153, 1598 & 1995, respectively.

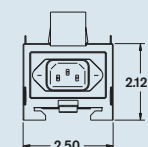
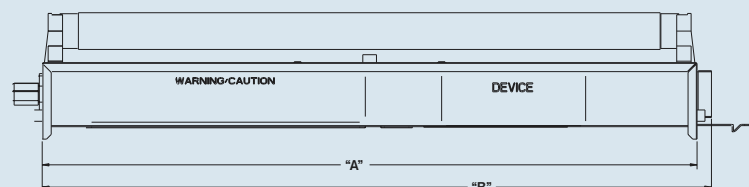
The health aspects associated with the use of this product and its ability to aid in the disinfection of environmental air have not been investigated by UL.

Accessories

- 1. Safety Switch:** Door close trips light on after exit.
- 2. V-Mod™ Access / Viewport Door:** Eye protection viewing porthole.
- 3. J-Box:** Plug and snap into position.



Part Number	Dim. "A"	Dim. "B"
17-1001	18.19	18.59
17-1011	24.14	24.54
17-1021	36.19	36.59



Model No.	Description	Nom. Dim.	Electrical	Weight	Part Number
VM-18-120*	V-Mod™ 18, 120 V-S/S Modular Coil Irradiator	18"	120Vac, 50-60 Hz, .5A	3 Lbs.	17-1001
VM-24-120*	V-Mod™ 24, 120 V-S/S Modular Coil Irradiator	24"	120Vac, 50-60 Hz, .5A	5 Lbs.	17-1011
VM-36-120*	V-Mod™ 36, 120 V-S/S Modular Coil Irradiator	36"	120Vac, 50-60 Hz, .8A	6 Lbs.	17-1021
VM-18-240**	V-Mod™ 18, 240 V-S/S Modular Coil Irradiator	18"	240Vac, 50-60 Hz, .25A	3 Lbs.	17-1002
VM-24-240**	V-Mod™ 24, 240 V-S/S Modular Coil Irradiator	24"	240Vac, 50-60 Hz, .25A	5 Lbs.	17-1012
VM-36-240**	V-Mod™ 36, 240 V-S/S Modular Coil Irradiator	36"	240Vac, 50-60 Hz, .4A	6 Lbs.	17-1022
VM-18-T8	V-Mod™ 18 Replacement Lamp	16"	-	2 Lbs.	09-6005
VM-24-T10	V-Mod™ 24 Replacement Lamp	22"	-	2 Lbs.	07-1005
VM-36-T8	V-Mod™ 36 Replacement Lamp	34"	-	2 Lbs.	D07-3601-64
MR-96	S/S Mounting Rails (8' lengths - 2 per box)	-	-	10 Lbs.	17-4022
HWR-120V*	S/S Hard Wire Module (one for each fixture row)	-	-	1 Lbs.	17-4018
HWR-240V**	S/S Hard Wire Module (one for each fixture row)	-	-	1 Lbs.	17-4032
GVP	Glass View Port Assembly	-	-	3 Lbs.	17-4013
VM-AD	V-Mod™ Access Door (8" x 8")	-	-	4 Lbs.	17-4028
VM-AVD	V-Mod™ Access / View Port Door (8" x 8")	-	-	4 Lbs.	17-4023

* UL/CUL LISTED
** CE REGISTERED



A DIVISION OF UVDI

REAL SCIENCE FOR HVAC MAINTENANCE

ALTRU-V

V-MOD BUILT-UP OR SIDE ACCESS MODULAR ULTRAVIOLET LAMP SYSTEM

Easy To Install – Delivers Significant Operating Efficiencies While Providing Greater Safety and Cleaner Air.

VALUABLE BENEFITS FROM THE LEADER IN THE APPLICATION OF UV

- Doubles as a "side access" fixturing system in addition to its traditional "built-up bank" arrangement...all in one unit
- Maintains AHU capacity to optimal operating condition with near original equipment capacities
- Lowers energy costs for most systems
- Reduces costly maintenance and cleaning programs
- With short payback periods, the **V-Mod™** has one of the lowest ownership costs in the industry
- Improves indoor air quality by destroying surface microbes that grow on coils and in drain pans, including mold and bacteria
- Reduces infectious disease microbes including colds, flu, and other viruses
- UV has proven effective on Mycobacterium tuberculosis (TB), Legionella pneumophila (Legionnaire's disease), and other infectious bacteria
- Produces no ozone, gases, or other noxious fumes – will not harm building occupants, equipment or furnishings
- ALTRU-V™ Lamps have the lowest output loss in the industry (over their operating life)
- Fixtures have their own safety switches that disable operation when not properly installed
- Fixtures are UL/C-UL Listed under Category Code ABQK (Accessories, Air Duct Mounted), UL Standards: 153, 1598 & 1995, respectively
- Installs easily and safely into systems of virtually any size, large or small
- One-year warranty on both the fixture and the lamp



V-Mod. Plug end to end allowing any configuration for all size requirements.

UNLEASH THE POWER OF THE V

ALTRU-V products from UVDI are transforming HVAC maintenance procedures. By applying real science to the relentless cleaning power of ultraviolet light, ALTRU-V products are the optimal HVAC maintenance solution, replacing outdated mechanical and chemical cleanings that can be both costly and dangerous. The results are lower operating costs, safer environments for maintenance staff and occupants, and cleaner air. The **V-Mod** delivers UVC energy through a modular design, allowing for maximum application flexibility in systems of almost any size, large or small – side access or built-up.

V-MOD