



VALKR RAY UV SOLUTIONS - PRODUCT DATA SHEET



AR Series

IN AHU AND IN DUCT UVC FIXTURES

Our commercial AR series UVC fixtures are designed for effective coil applications in any type of AHU system and are prewired at the factory for code compliance and easy install. The fixtures are constructed to be amazingly durable, scalable to custom fit any AHU, and are engineered with non-proprietary lamps and ballasts.

FEATURES

- **'Boxed I-beam' Aluminum Unistrut Extrusion Construction**
Horizontal and vertical adjustable support and lamp structures are rated to support more than 2000 lb. / in².
- **Water-proof Electrical Quick-connects**
Metal-clad, three-pin modular quick-connects permit fast, easy, installation of any size AR fixture.
- **Metal-clad Wiring and Connectors**
No wire coverings, rubber, plastic, or other degradable within the AHU; meets all local, state and national codes.
- **Magnetic 'Proximity' Door Switches**
Magnetic proximity door switches are guaranteed to switch 10,000,000 times to eliminate installation adjustments and service call-back costs.
- **Accessible Ballasts**
Philips / Advance electronic UVC ballasts mount directly to the Unistrut to reduce heat, improve product life, and are enclosed in an easily removable ballast cover for simple maintenance.

Works invisibly within existing HVAC systems.



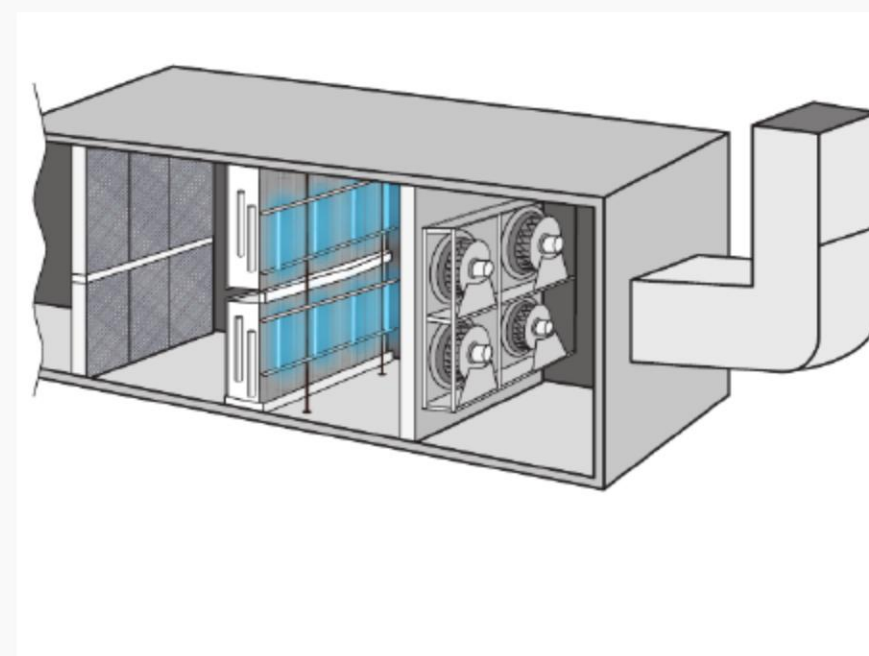
Slide-out fixture option for modular AHUs; removable option for modular AHUs, provides fast, simple, tool-less options for easy maintenance and lamp replacement.



Works 24/7.



Non-proprietary components for low-cost of ownership.



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Product Specifications

Standard Specifications							
Lamp Specs	PL-L 60W, 95W TUV (non proprietary)						
Wavelength	254 Nanometers						
Expected Lamp/Bulb Rated Life ¹	18 months						
Lamp Socket	Single Ended, 4 Pin, 2G11						
Input Voltage	Self Regulated Electronic UV Ballast 120V to 277V						
Electrical Requirement	Varies by Model						
Housing Finish	Aluminum						
Certifications	<table><tr><td>ASHRAE</td><td>meets ASHRAE TC 2.09</td></tr><tr><td>EPA</td><td>EST. NO. 91347-TN-002</td></tr><tr><td>ETL</td><td>CDR100230620ATL-001A</td></tr></table>	ASHRAE	meets ASHRAE TC 2.09	EPA	EST. NO. 91347-TN-002	ETL	CDR100230620ATL-001A
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Warranty	Lamps/2 years; Parts/5 years						

¹ With 80% utilization

Accessories for In Duct UVC Fixtures

One door switch, view port, exterior toggle switch with lock-out/tag-out, safety signage, and set of lamps are included with each AR Fixture. Extras or additional accessories can be purchased upon request.

Fixed Radiometer	Digital LCD readout with LED and audible alarms, 3 ports for BAS connectivity
Interior Door Interlock Safety Switch with J-box	Included in all AR racks; Price is for additional units for additional doors (optional)
2" glass view port and safety information	Included in all AR racks; Price is for additional units for additional doors (optional)
Exterior switch/ J-box for mounting near access door	Included in all AR racks; Price is for additional units for additional doors (optional)
Lock-out / tag-out switch cover	Included in all AR racks; Price is for additional units for additional doors (optional)
Clip-on UVC reflector	Directs UVC energy towards coils & away from surfaces, prevents line of sight exposure
Install kit: safety glasses, gloves, 2 warning labels	Included in all AR-60 racks listed above; price is for extra kits, if needed
Photocatalytic Oxidation (PCO) lamp protector	Optional PCO reduces Volatile Organic Compounds (VOC's) & eliminate odors