

PPR Series In-duct UV for HVAC Systems

Researched, tested, and study-backed, the patented PPR Series of in-duct ultraviolet (UV) germicidal irradiation systems harness the power of short-wavelength UV-C light to help kill pathogens or render them harmless. UV is a well-established means of disinfection used to help prevent the spread of certain infectious diseases.

The PPR series of UV disinfection technology is designed to fit into any new and existing packaged HVAC system. The relevant PPR equipment (i.e., PPR-N08, PPR-N12, PPR-N20, or PPR-N40) will depend on HVAC tonnage. Aerapy works with you to size your PPR equipment appropriately to help ensure maximum disinfection capacity. All PPR units are manufactured in the USA and include a safety door switch and viewport.



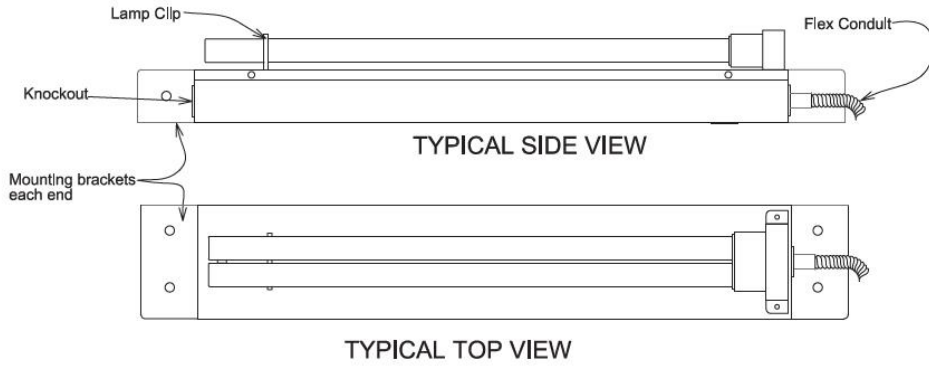
PPR Series – U.S. Patent No. 10806818

The PPR series utilizes short-wavelength UV-C light to kill or inactivate pathogens in the air by disrupting their DNA and destroying their cellular function, causing the death of the microorganism and/or rendering it helpless. Constant exposure of UV-C germicidal energy with moderate air circulation will help to effectively sanitize pathogens such as bacteria, viruses, and molds in the air stream.

Ideal location of installation is between evaporator coil and plenum on air supply-side within HVAC system. Unit should operate 24/7 for optimal and continuous disinfection.

Short Form Specs

- **Application:** Designed for outdoor packaged HVAC
- **Power:** AC 120V~240V
- **Wiring:** Direct wire
- **Safety:** Safety door switch and viewport
- **Quick connector:** Each unit is equipped with quick connector for fast and secure connection
- **Construction:** Non-corrosive aluminum
- **Warranty:** 5-year for unit | 9,000 hours for UV-C lamp



PPR Series In-duct UV for HVAC Systems

Larger scale and additional diagrams provided with installation instructions.

Construction	
Designed for:	Outdoor packaged HVAC
Material:	Non-corrosive aluminum

Electrical	
Voltage:	120V~240V
Installation:	Direct wire

Item	Dimensions	Net Weight	Amps @ 120V
PPR-N08	5.75"W x 1.75"H x 17.25"L (1)	3.5 Lbs	0.5
PPR-N12	5.75"W x 1.75"H x 17.25"L (2)	7.0 Lbs	1.0
PPR-N20	5.75"W x 1.75"H x 17.25"L (3)	10.5 Lbs	1.5
PPR-N40	5.75"W x 1.75"H x 17.25"L (4)	14.0 Lbs	2.0
Safety door and viewport		1.0 Lbs	

Warranty	
Aerapy's UV system warranty	
Device:	Five (5) years
UV-C lamp:	9,000 hours