

## UE-PRU Series Ultraviolet Light System

### APPLICATION:

The UE-PRU Series is intended for use in residential and light commercial HVAC applications. It is installed within the air handler to provide continuous disinfection of air volume and improved energy efficiency. Once installed into a forced air system, the UE-PRU removes bacteria, mold, chemical and smoke odors, viruses, and other airborne contaminants from the air.

- Designed to disinfect air and surfaces in packaged and rooftop A/C & heating units.
- Available in a range of configurations to accommodate packaged rooftop units ranging from 5 tons to 40 tons.
- Work 24/7 to keep air free and clear of airborne contaminants.
- Are engineered to maintain high level air disinfection 24/7 by neutralizing and eliminating the infectious airborne pathogens that cause respiratory illness and disease.
- Designed to achieve disinfection of the cooling coil surfaces to increase efficiency and decrease biological growth on the coil.

### STANDARD CONSTRUCTION:

**Ballast:** Extruded Aluminum

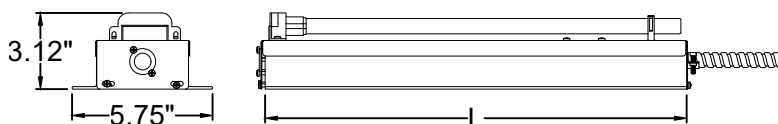
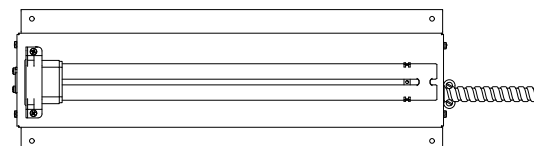
**Cover:** Formed Aluminum

**Lamp:** 60 nom. watts; 180  $\mu\text{W}/\text{cm}^2$  @ 1 meter (PRU-UE \_60 series)  
95 nom. watts; 275  $\mu\text{W}/\text{cm}^2$  @ 1 meter (PRU-UE \_95 series)

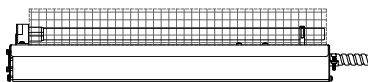
**Electrical Requirement:** (each unit) 120V/1.3A to 240V/0.56A; 50-60Hz



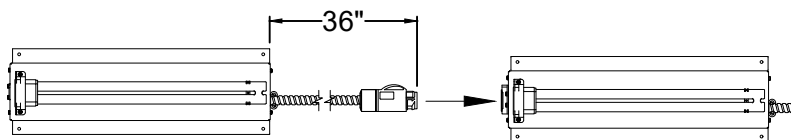
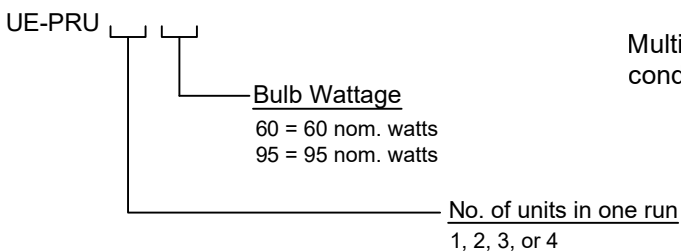
Unit Specifications			
Model	No. of units	Bulb Wattage	L (each unit)
UE-PRU 160	1	60	17.25
UE-PRU 260	2	60	17.25
UE-PRU 360	3	60	17.25
UE-PRU 460	4	60	17.25
UE-PRU 195	1	95	22.25"
UE-PRU 295	2	95	22.25"
UE-PRU 395	3	95	22.25"
UE-PRU 495	4	95	22.25"



**Optional:** PCO grid (to eliminate VOC's)



### UE-PRU Series Ordering Information:



Multi-units are daisy-chained together with 36" flex conduit cable and plug-in connector

Due to continuing research, United Enertech reserves the right to change specifications without notice.



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CLJ	12-4-20	3-4-21	1	Q-1