

# PS1UV



## UV Option for PS1FB & PSA5000 Skimmers Instructions for Installation

Thank you for your purchase of the 36 watt UV option for the PS1FB and PSA5000 skimmers. A UV is effective by emitting intense light which kills algae cells as they pass by the light. If the water is moving by the light too fast it will not provide enough contact time with the light to be effective. Therefore, while these skimmers can handle greater flows, it is recommended that when using the UV option you do not exceed 60 gpm of flow to maximize effectiveness. Be sure to keep skimmer net and filter brushes as clean as possible to prevent restricted flow.

 **DANGEROUS ULTRAVIOLET RADIATION – Never look directly at the lamp rays, radiation from this UV lamp is harmful to eyes and skin. Turn off power before handling or servicing unit.**

While the transformer is weatherproof - it is not waterproof and is not intended to be submerged in water.

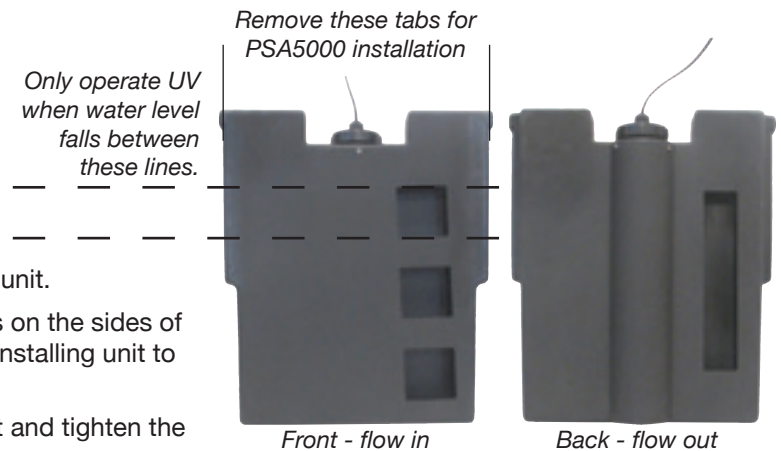
Water level must remain high enough to cover entire quartz sleeve to prevent unit from overheating and causing damage.

### Components

- UV Unit Housing
- 36 Watt UV Lamp - Replacement Part # EP36B
- Quartz Lamp Sleeve - Replacement Part # EP36S
- Transformer - Replacement Part # PS1UVT

### Installation

1. Unpack housing and remove retainer cap in the top of the unit.
2. If installing unit to PSA5000 you must remove the two tabs on the sides of the unit using a jigsaw or hacksaw. See picture to right. If installing unit to PS1FB do not remove these tabs, proceed to step 3.
3. Use a clean rag to insert UV lamp into fixture. Gently insert and tighten the retainer cap back into place on the housing.  
**NOTE:** Do not touch the UV lamp with your bare hands as this can significantly reduce the life of the lamp.
4. The UV housing slides down into the skimmer in place of the PVC rack that is included with the skimmer. Remove the PVC rack and store for future use. Slide the UV housing into the same slots with the rounded side of the rack facing towards the pump.
5. The cord from the UV goes over the top lip of the skimmer and over to your electrical supply. The transformer on the end of the power cable should be hung off the ground but is weatherproof so no further protection from the weather is needed.



### Maintenance

Over time the quartz sleeve can become coated with minerals and buildup from the water. Carefully remove the sleeve and clean as needed to ensure the light rays are not blocked by this buildup. The UV lamp will typically last for twelve months of continuous use. The lamp may still light after this time but the effectiveness of the UV will be reduced. The lamp and quartz sleeve can be easily replaced when needed, see replacement part numbers above.

**Winterization** - In freezing climates, remove the entire UV unit from the skimmer and store indoors over winter. Replace the PVC rack into the middle slots in the skimmer body.