

# PS1FB SKIMMER ~ UV OPTION



## PS1 Skimmer with UV Option Instructions for Installation



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

Thank you for your purchase of the 36 watt UV option for the PS1FB skimmer. This UV option is easy to install in both new and existing skimmers and will help keep your water crystal clear.

The UV divider simply slides down into the skimmer in place of the pvc rack that is included with the PS1FB. Remove the pvc rack and discard. Slide the UV divider frame into the same



slots with the rounded side of the rack facing towards the pump (see photo below).

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 (while it is weatherproof - it is not waterproof and is not to be submerged in water!)

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 to fast it will not provide enough contact time with the light to be effective. Therefore, while the PS1FB skimmer can handle flows up to 100 GPM it is recommended that when using the UV option you do not exceed 60 GPM of flow. At flow rates higher than 60 GPM the effectiveness will diminish.



The bulb in the UV will typically last for twelve months of use. The bulb can be easily replaced when needed. The quartz sleeve around the bulb keeps water from contacting the bulb. Over time this 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.



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