

Flow Probe Alignment Fin Installation

Significant errors can occur when measuring water flow other than directly parallel to the direction of flow. The Global Water Flow Probe Alignment Fin is designed to help orient the probe parallel to flow when the end of the probe can't be seen well due to the depth or cloudiness of the water. To use this accessory, immerse the probe and rotate it back and forth until the least amount of resistance is felt due to the water flowing past the alignment fin. To install the fin, follow these simple directions.

Your Flow Probe Alignment Fin Kit includes these parts:

- 1 Alignment Fin
- 2 Pole Clamps
- 2 #6-32 x 5/8" Stainless Steel Machine Screws
- 2 Black #6-32 x 7/8" Stainless Steel Thumb Screws
- 4 #6-32 Stainless Steel Hex Nuts

To begin, spread the clamps apart and install them around the flow probe pole as shown.



Install the fin as shown with the alignment tab on the fin inserted into the slot on the propeller housing at the end of the flow probe pole.



Using a Phillips screwdriver, install the #6 screws and 2 of the nuts into the clamps. Tighten the screws firmly to hold the clamps in place.



Install the thumbscrews and remaining nuts through the holes passing through the clamp and fin and tighten firmly.

To remove the fin, loosen the thumbscrews and pull the fin off. Retighten the thumbscrews to prevent the nuts from being lost.

When using the alignment fin, the direction of flow is as shown.

