

AF-Series Adjust-A-Flumes

Easy-to-Install Flumes for Flow Measurement



Description

The AF-Series Adjust-A-Flume fulfills today's vital need for accurate measurement of water consumption. Manufactured of high quality galvanized steel for years of trouble-free service, the adjustable flume is the solution you have been looking for.

Adjust-A-Flumes are available in several standard sizes that meet most applications. The flumes are sent unassembled for easy and economical shipping and handling. They are easy to assemble in the field, and all bolts, nuts, and assembly instructions are included.

Simple Water Measurements

Unlike other open channel flumes currently on the market, the Adjust-A-Flume has a large, highly visible gauge mounted on both sides. The gauge can be easily read from a distance of over 25 feet, facilitating roadside measurements.

Highly Durable

The Adjust-A-Flume is designed with an extremely rigid "flanged" construction. The unit also utilizes heavy cross bracing. The design allows the Adjust-A-Flume to be installed in locations with heavy soil backfill or in concrete channels.

Quick Installation

Installation of the Adjust-A-Flume is quick and straightforward. Simply assure that the flume is level both end to end and side to side, and that the top of the fixed frame is 2 to 5 inches above the high water mark in the canal. Adjust the height of the sill, and the flume is ready for service. Unlike some other flume designs, the Adjust-A-Flume does not require sight surveying or complicated excavation for proper and accurate installation.

High Accuracy and Low Maintenance

Extensive testing and evaluation under field and laboratory conditions have shown the Adjust-A-Flume consistently achieves accuracy to within 3% when properly installed. The flume's throat section increases flow velocity, thereby discouraging sediment accumulation. The approach section near the gauge, while somewhat less self-cleaning, is tolerant of considerable sediment accumulation. This provides for long periods of operation between cleanings and maintenance.

Features

- Direct-reading flow rate gauges on the flume side walls
- Wide flow rate range
- Adjustability to various canal depths
- Installs into flowing water without significantly disturbing flow

Applications

Ideal for streamflow monitoring in open channels, including earthen or concrete lined canals.

Ordering & Options*

Order No.	Flow Rate (cfs)	Shipping Weight	Price
AF0.45	0.45	23 lbs	\$263.00
AF2	2	82 lbs	455.00
AF4	4	102 lbs	615.00
AF6	6	123 lbs	705.00

* Choosing the correct flume size is important. We suggest using the smallest size that will accommodate your channel's flow. Please contact Global Water regarding flume availability.



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