



## Fiberglass Flume Liners

The Trapezoidal shape easily conforms to the normal shape of concrete and earthen ditches. The result is that little to no transition is required, a particular benefit over rectangular flumes (i.e. Parshall, H-Flume, etc.). A further benefit of the Trapezoidal shape is that the width of the flume increases as the depth increases, allowing for easy passage of debris, as well as the ability to handle a large range of flows while producing only a relatively small increase in water depth.

## Optional Features

- Inlet / outlet end adapters for pipeline connection
- Staff gauges in tenths / hundredths of a foot or centimeter increments
- Ultrasonic sensor mounting brackets
- Stainless steel, removable bubble and sample tubes
- Submerged probe cavities
- Stilling wells – attached, detached, and connection only
- Probe mounts
- FRP grating over flume
- Riser boxes for below-ground installations



## Other Advantages Of Trapezoidal Flumes Include

- Easy installation (The flat-bottom design does not require drop across the flume)
- Ability to operate under a high degree of submergence than Parshall flumes (up to 70% with no correction and 80% with minimal error)



## TRACOM Offers

- A complete line of flumes, including:
- Parshall, Palmer-Bowlus, Trapezoidal, H-Flume, RBC, Cutthroat, and Montana types.
  - Equipment Enclosures
  - One-Piece FRP Buildings
  - Instrument Consoles
  - Packaged Metering Manholes

