

Packaged Metering Manholes



Packaged Metering Manholes (PMMs) are an excellent solution to the problem of how to accurately measure piped flows below grade.

Integrating a fiberglass manhole barrel, top, ladder, flume, and base, Packaged Metering Manholes are:

- Water-tight
- Corrosion resistant
- Engineered to meet your flow monitoring needs

At the core of each unit is our high-strength fiberglass manhole barrel. This barrel, fabricated to the exacting standards of ASTM D3753 and AASHTO H-20, has exceptionally high strength, while at the same time weighing 1/10th that of a comparable concrete manhole.

OPENCHANNELFLOW OFFERS SEVERAL STYLES:

- Domed Top (for grassy, non-traffic areas)
- Aluminum Top (for pedestrian traffic, low-profile areas)
- H-20 Traffic Reducer (for vehicular traffic areas)
- Open Top

FACTORY-INTEGRATED

- Cutthroat
- HS / H
- Palmer Bowlus
- Parshall / Montana
- Trapezoidal

FLUME SIZES

CUTTHROAT:

Up to 108" x 24"

HS / H:

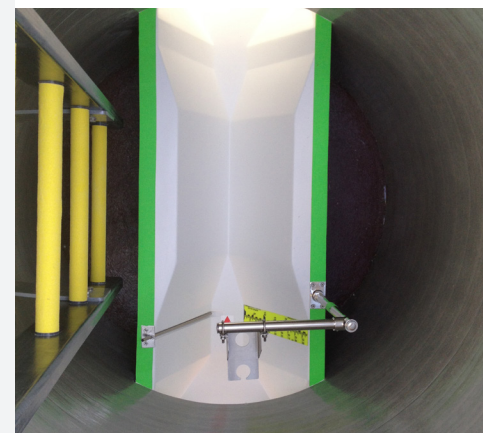
0.4' to 2.5'

PALMER BOWLUS: 4" TO 36"

Parshall / Montana: 1" to 24"

TRAPEZOIDAL:

Up to 2" 45° SRCRC



MANHOLE DIAMETERS

- 48-inch [1.22 m]
- 60-inch [1.52 m]
- 72-inch [1.83 m]
- 96-inch [2.44 m]

Packaged Metering Manholes

At the core of each **Openchannelflow** Packaged Metering Manhole is our fiberglass manhole tube. While manhole configurations may differ, all **Openchannelflow** manhole tubes are designed to meet or exceed both ASTM D3753 and AASHTO H-20 standards. The interior of these tubes is smooth, easy to maintain and corrosion resistant. The light tan coloration of the tube helps to maximize visibility inside the manhole.

BENEFITS

For owner, consultants, and contractors, Packaged Metering Manholes provide:

- Single source responsibility - no finger pointing among subs
- Confidence that the primary device is installed correctly
- Accurate and repeatable flow measurement for owners
- No expensive call-backs for contractors
- Wide variety of flume styles and sizes
- Choose the device that best fit the flow rates
- Virtually no maintenance or repairs
- Minimal installation / plant downtime
- Industry leading (5) year FiberLock equipment warranty—**install it and forget it!**

DIG IT! DROP IT! DONE!

From the outset, Packaged Metering Manholes from **Openchannelflow** have been designed to be extremely easy to install. At a prepared site, installation can take a little as a morning, making Packaged Metering Manholes great for holiday / plant shut-down installations.

CUSTOMIZATION

Openchannelflow offers a wide range of options to help you customize not only the flume, but also the manhole. All to help you maximize the value to the end user.

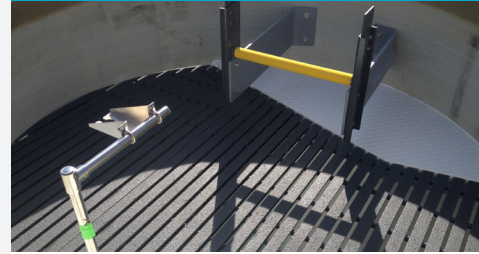
GET STARTED

Let's bring your Packaged Metering Manhole project to life.

→ [SUBMIT ONLINE REQUEST](#)

📞 [CALL 855.481.1118](tel:855.481.1118)

OPTIONS/ACCESSORIES



- Free-Standing
- Earthen Channel
- Packaged Metering Manholes
- Above Grade Enclosures

FLUME-WEIR



- Dual Scale Staff Gauges
- Stilling Wells
- Ultrasonic Sensor Brackets
- Gratings And Covers

END CONNECTIONS



- Pipe Stubs
- Flanges
- Caulking Collars
- Wing Walls