

Thel-Mar Weir



The Thel-Mar Volumetric Weir is a practical and economical calibrated measuring device used to determine infiltration in newly installed sewer lines, as well as substantial flows in existing pipes.

The weirs offer the advantage of a 90-degree v-notch for measuring small infiltration flow where accuracy is paramount. The rectangular portion of the compound weir measures larger volume flow rates. The faceplates are laser engraved and cut for easy viewing.

Compatible with Van Walt telemetry solutions

Features

- The faceplate is engraved with both level and flow measurements so you can easily see and record the flow rate of water in a pipe or channel.
- As the water level in a pipe increases so does the flow rate.
- Multiple sizes available. From 150mm to 400mm diameters.
- Compatible with Van Walt's Data Collection systems.
- Easy to install and maintain.
- Made from durable materials – Lexan, stainless steel and reinforced composites.
- Designed for durability and reliability, they ensure consistent performance in industrial, municipal, and environmental applications.

FAQ's

How does it work?

The faceplate is engraved with both level & flow measurements so you can easily see and record the flow rate of water in the pipe or channel.

Can I set it up to record data at set intervals?

You can use a groundwater level sensor to record water level in the pipe. Downloaded data can be converted to flow and volume using an excel template.

Can you send data to desktop automatically?

Yes! When combined with a groundwater level sensor and Van Walt Data Collection equipment, you can continuously measure the flow rate in your pipe. We can convert the data to flow on our online VW telemetry software which you can view from a computer or phone. Online data can be verified by checking the volume/Flow markings on the faceplate.



Wetted Material	304 Stainless Steel, Rubber, Acrylic
-----------------	--------------------------------------

Flow Range	Up to 430GPM / 27LPS
------------	----------------------

Accuracy	5% within V-Notch, 2% within rectangular section
----------	--

Unit of Measurement	Metric or Imperial
---------------------	--------------------

Part Numbers & Flow Ranges

TMW-6 (6")	0-32GPM
------------	---------

TMW-8 (8")	0-86GPM
------------	---------

TMW-10 (10")	0-162GPM
--------------	----------

TMW-12 (12")	0-251GPM
--------------	----------

TMW-14 (14")	0-251GPM
--------------	----------

TMW-15 (15")	0-430GPM
--------------	----------

TMW-16 (16")	0-430GPM
--------------	----------

Compatibility Options & Accessories

- vanwaltKISS
- vanwaltDataNode
- vanwaltDataNode-Mini
- vanwaltGateway
- Keller Sensors