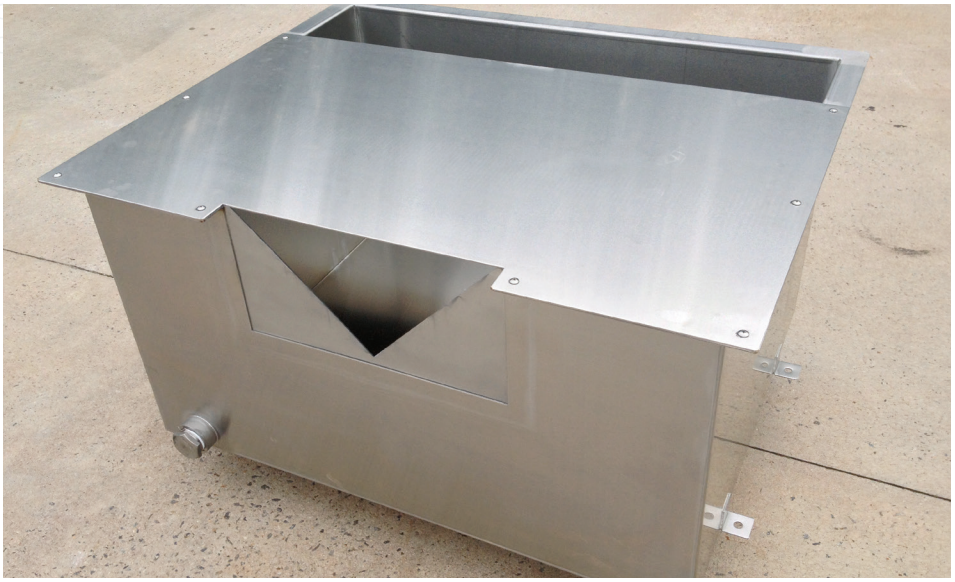
WEIR BOXES



Openchannelflow Weir Boxes incorporate ISO standard thin-plate weirs in baffled, pre-engineered structures for above ground and shallow burial applications.

Each weir box consists of:

- **The primary "box " structure**
- **A fixed inlet baffle (to help condition incoming flows)**
- **A fixed weir plate carrier**
- **An interchangeable weir plate (V-notch, Cipoletti, or rectangular)**
- **Exterior anchoring tabs for mounting the structure**
- **External ribs (where necessary) for free-standing use**

The weir plates used in Openchannelflow weir boxes are precision cut from high strength, corrosion resistant stainless steel and are engineered for years of trouble-free service. Should, however, the weir plate need to be changed - either through damage or change in flow conditions - computer controlled production guarantees the replacement's fit.

As with all thin-plate weirs, Openchannelflow weir boxes are only suitable for open channel flows and for water at ordinary temperatures (39 to 86° F) [about 4 to 30° C]; they are not suitable for pressurized conduit conditions.

APPLICATIONS

- *Dam Seepage Monitoring*
- *Industrial Discharge*
- *WWTP Effluent*
- *Stormwater Channels*

MATERIALS

- *Aluminum*
- *Fiberglass (FRP)*
- *Galvanizes Steel*
- *Stainless Steel*

ACCESSORIES

- *Piping / End Connections*
- *Flow Condition Options*
- *Flow Meter Mounts*
- *Sampler / Parameter Mounts*
- *Custom Configurations*
- *Dual and Triple Cells*

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