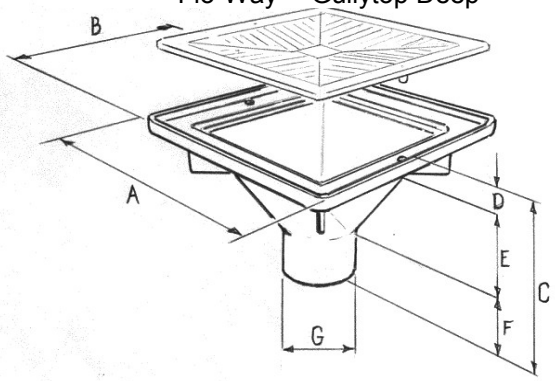
EVERHARD INDUSTRIES Pty Ltd
FLO-WAY™ Gullytops

The **FLO-WAY™** Gullytop drain inlet is available in two forms, both accepting the same standard polymer and aluminium grates supplied with the popular domestic RAINWATER PIT. FLO-WAY™ is an ideal surface inlet for use under garden taps or downpipes, or in any location where surface water collects, not exposed to vehicle traffic.

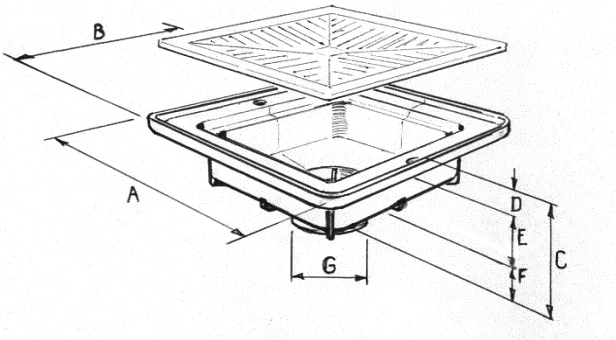
Flo-Way™ Gullytop Deep



Standard FLO-WAY™ has a gently tapered body leading into an outlet stub which may be pushed straight into 90mm drain pipe, allowing rapid draining into comparatively deep in-ground horizontal pipe. The upper end of the 90mm vertical pipe leading down into the drain line must be at least 140mm below the final ground surface level.

Shallow pattern FLO-WAY™ has a much flatter body, with the outlet stub designed to fit into the socket end of standard 90mm drain pipe fittings, or into 100mm pipe. The shallow FLO-WAY™ is ideal for situations where in-ground piping must be relatively close to the surface. The upper end of the 90mm fitting into which the unit fits must be not less than 63mm below final ground surface level. If fitted directly into 100mm pipe the 90mm stub of the FLO-WAY™ may be cut off if desired, and the 100mm pipe end must be 50mm below final surface level.

Flo-Way™ Gullytop Shallow



Plan the installation In-ground piping must be planned and laid so that inlet connections are at appropriate depths for the selected FLO-WAY™ product. When excavating the drain trench, prepare a square hole not less than 300 x 300 at the point where each FLO-WAY™ is to be installed. Drain piping should be laid on a sand bed and positioned with an adequate "fall" towards the discharge end to encourage free draining. Fit the grate before connecting the FLO-WAY™ unit to the drain system, and check that the upper rim is horizontal with a spirit level. Use a suitable adhesive sealant such as Fuller's "Max-Seal" or equivalent to attached FLO-WAY™ to pipes. (Solvent cement will not act as an adhesive on FLO-WAY™).

A quantity of concrete slurry should be poured into the hole around the FLO-WAY™. This should be compacted down around the unit and trowelled smooth, level with the FLO-WAY™ rim, to form a support collar. This will help retain the inlet and pipe in place and protect the edge of the FLO-WAY™ against accidental damage. It will also help prevent surface water undermining the installation, and adjacent foundations.

When installing FLO-WAY™ in a large area of paving or concrete, FLO-WAY™ should be at the lowest point in the area to be drained, and a suitable compression compensation strip should be applied around the concrete collar.

FLO-WAY™ grates have depressed centres to improve capture rate, permitting faster surface water drainage. Slots are deliberately arranged to present an optimum capture area to flow from all directions, allowing surface water to freely drain into the Flo-Way™ Pit. In a correctly arranged and installed drainage system surface flooding should only occur if the collected rainwater temporarily exceeds the capacity of the drainage system, causing a surcharge situation. As long as the grate is not obstructed by trapped waste matter, and the entire system is allowed to drain correctly, the surcharge will disappear when the overload on the downstream capacity ends. Rate of flow from any Pit or FLO-WAY™ will therefore depend on the size, layout, and gradient of the downstream pipes, and the nature of connections and the discharge point.

	A	*B*	*C*	*D*	*E*	*F*	*G*
Flo-Way™ Deep	257	257	160	19	100	41	86 (90 stormwater pipe pushes over boss)
Flo-Way™ Shallow	257	257	75	19	31	25	90 (accepts socket end of 90 stormwater pipe fitting)

National Customer Service No: 13 1926

www.everhard.com.au