

TREBLE R FABRICATIONS

UNIT 42 – CROSSGATE ROAD – PARK FARM INDUSTRIAL ESTATE – REDDITCH – WORCS – B987SN

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CUT WATER GATES

Many Sewage treatment/Water treatment works need to divert flow between or into a single or multi chamber. This can be achieved by a Cut Water Gate.

This is where one channel transforms into two channels. The door is pitched on the centre wall and the door can then rotate either left or right to isolate either chamber. Only one chamber can be isolated at one time.

Gates are operated via a cross shaft connecting on to an Actuator. This being either a Handwheel/Square cap/Electrical motor via a gearbox.



CUT WATER GATES

Cut Water Gates

Operating Duty

Application:	Flow control and diversion
Type of Mounting:	Wall on central plinth
Type of Media:	Water and Sewage
Operating Head:	Up to top of door
Direction of Flow:	On Seating

Options

Size Range:	Any size from 500mm to 2000mm in square or rectangular format
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Applicable Standards

BS 7775: 1995, Specification for general
purpose penstocks

Construction Materials

ITEM	DESCRIPTION	MATERIAL
1	Frame	Mild Steel, BS 4360 Gr 43A Stainless Steel, BS 970 Gr 304 Stainless Steel, BS 970 Gr 316
2	Door	Mild Steel, BS 4360 Gr 43A Stainless Steel, BS 970 Gr 304 Stainless Steel, BS 970 Gr 316
3	Seals	Neoprene
4	Invert Seals	Neoprene
5	Stem	Stainless Steel, BS 970 Gr 304 Stainless Steel, BS 970 Gr 316
6	Fasteners	Stainless Steel, BS 6105, Gr A4
7	Operating Gear	See Operating Gear Section

Cut Water Gate Typical Drawing

