

TREBLE R FABRICATIONS

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

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TILTING WEIR / RADIAL GATES

River flow control to minimise disruption in channel in open positions.

Many tilting weir / radial gates are ideal for fish passes. Each gate can be adjusted using either a manual handwheel or electrical motor and can be manufactured using either Galvanized Mild Steel, Painted Mild Steel or grade 304/316 Stainless Steels.



TILTING WEIR / RADIAL GATES

Tilting Weir / Radial Gates

Operating Duty

Application:	Flow control and isolation
Type of Mounting:	Side and invert rebates
Type of Media:	Water and Sewage
Operating Head:	Up to top of door
Direction of Flow:	On & Off-seat

Options

Mounting:	Side wall mounted in channel
Stem Types:	Rising stem only
Size Range:	Any size from 1000mm to 2000mm in square or rectangular format

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

TYPICAL DRAWING OF TILTING WEIR / RADIAL GATE

