

Product Bulletin

Steel Clarifier

Introduction

The GR inclined tube clarifier is designed to provide effective sedimentation in a variety of applications including potable water treatment and industrial and sewage effluent treatment.

Technical Specifications

Item	Specification
	GR 50
Material of manufacture	Copon coated mild steel. Inclined tubes are UV stabilised PVC
Clarifier dimensions	6 000 mm long x 2 200 mm wide x 3 200 mm high
Clarifier surface area	13.2 m ²
Clarifier volume	38 m ³
Maximum operating pressure	Atmospheric pressure
Maximum operating temperature	45°C
Recommended upflow rate	Up to 5 m/hour
Desludging details	The desludging is done through a 160 mm PVC pipe
Clarifier mass when empty	4 000 kg
Clarifier operating mass	42 000 kg
Clarifier footprint	An area of 8 m x 4 m x 4.5 m high should be allowed
Pipework sizes	The inlet is a 150 mm Table D flange, the 2 settled water outlets are 100 mm Table D flanges, and the 3 sludge outlets are 80 mm table D flanges

