

CLARIFIER WATER TREATMENT SYSTEM



NPE Clarifiers are designed to manage the settlement of solids from dewatering and wastewater effluent. NPE Clarifier Water Treatment Systems are available in 5 litre and 10 litre capacities.

Clarifier capacity required for a given project is largely dependent on analysis of the water quality and the content of suspended or dissolved particles and degree of clarity of the treated water.

TECHNICAL SPECIFICATIONS

Dimensions (mm)	2800L x 2310W x 2700H	
Optimum Flow	5L/s	10L/s
Min. Flow	1L/s	1L/s
Weight Empty	1200kg	2500kg
Weight Full	6200kg	7500kg

PROCESS

- Water is pumped through the inlet pipe and travels upward over the inclined plates
- If required, flocculent and polymer may be added via separate dosing equipment
- Particles settle inside the clarifier and slide down into the sludge funnel
- Accumulated particles are removed from the bottom of the clarifier as required
- Water flows upwards and over the inclined plates
- Flocculated particles continue to settle out allowing clean water to overflow into the outlet chamber

