

TRIDENT T4R

LAMELLA CLARIFICATION SYSTEM

TECHNICAL DATA SHEET



Aquatic
ENGINEERING

Overview

- Infrastructure, Civil & Construction Industry
- Applications for TSS/Turbidity water clarification and the correction / monitoring of pH
- Superior Sludge settling hopper design allowing gravity thickening and removal

Dimensions LxWxH (mm): 3,750 x 2,450 x 2,900 (handrail down)

Empty Weight (kg): 2,900

Gross Weight (kg): 13,200



Hydraulic Capacity (L/s): 10

Inlet Connection (DN): 80mm c/w 75mm
Female Camlock

Outlet Connection (DN): 2 x 150mm c/w
150mm Male Bauer

Voltage (V): 415 c/w 32A 5pin appliance inlet

Power (kW): 5.5

(KVA): 6.8

Current Max (A): 9.5 / phase

TrackUnit GPS: Yes

Treatment Capability:

Process Water Storage/Staging	No	Hydrocarbon Removal	No
pH Correction	Yes	Total Organic Carbon Removal	No
Total Suspended Solids (TSS)	Yes	Nitrates & Ammonia Removal	No
Integrated Sludge Pump	No	Sludge Dewatering	No
Heavy Metal Removal	Limited	Telemetry Monitoring & Dashboards	Yes

Metering:

Inlet Flow	Yes	Outlet pH	Yes
Inlet pH	Yes	Outlet TSS	Yes
Inlet TSS	No	Outlet Flow	Yes

Sustainability:

Carbon Neutral Organisation - Verified	No
Carbon Neutral Product - Verified	No
Power Consumption Reporting (kWh)	Yes

Associated Products:

- Chemical Storage PODS
- MudBug Tanks
- Kraken Filters
- Kraken Sludge
- Pumps

Associated Consumables:

- Coagulant
- Flocculant
- Acid/Caustic Solution

Note:

- Specification is subject to change without prior notice. Please check with your local Aquatic Engineering Australia representative for the latest specifications
- Flow/Treatment suitability is subject to inlet effluent water quality and required discharge parameters and is stated as a guide only

Aquatic Engineering Australia Pty Ltd

1300 364 749

aquatic-engineering.com

