KRAKEN M5

MEDIA FILTER CONTAINER

TECHNICAL DATA SHEET

Aquatic ENGINEERING

Overview

- Kraken media filtration container's remove impurities, particles, and contaminants from liquids by passing them through layers of specialized filter media tailored to each project.
- Can be loaded with various filter media, such as activated carbon, glass, sand, ion exchange resins or specialized media, to handle different types of contaminants.
- **Plug-and-Treat:** Easy to install with minimal technical expertise required, making it ideal for quick setup in conjunction with our other treatment assets.
- **Scalable:** Can be installed in parallel or series to meet higher flow rate demands as needed.

Dimensions LxWxH (mm):	6,056 x 2,438 x 2,591
Empty Weight (kg):	3,250
Gross Weight (kg):	7,800
Voltage (V):	415 c/w 32A 5pin
Power (kW):	13.5
Current Max (A):	21.15
TrackUnit GPS:	Yes
Hydraulic Capacity (L/s):	5

Inlet Connection (DN):	100mm c/w 100mm F Bauer
Outlet Connection (DN):	50mm c/w 50mm Male Camlock
Discharge (DN):	50mm c/w 50mm Male Camlock
Off Spec Reject (DN):	50mm c/w 50mm Male Camlock
Backwash Inlet/Outlet (DN)	50mm c/w 50mm F/M Camlock ea.

Treatment Capability:			
Process Water Storage/Staging	No	Hydrocarbon Removal	Yes *with activated carbon media
pH Correction	No	Total Organic Carbon Removal	Yes *with activated carbon media
Total Suspended Solids (TSS)	Yes	Nitrates & Ammonia Removal	Yes *Nitrate (IX Resin)
Integrated Sludge Pump	N/A	Sludge Dewatering	No
Heavy Metal Removal	Yes *with specialised media	Telemetry Monitoring & Dashboards	Yes

Metering:			
Inlet Flow	No	Outlet pH	Yes
Inlet pH	No	Outlet NTU	Yes
Inlet TSS	No	Oulet Flow	Yes

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

Associated Products:

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

Associated Consumables:

- Filter Media, Activated Carbon, Ion Exchange Resins

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 paramters and is a stated as a guide only