



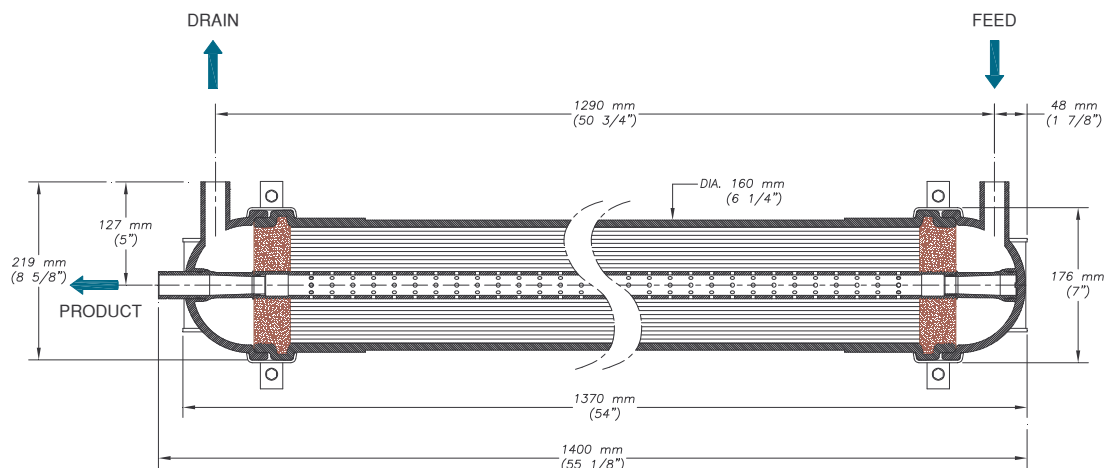
OSMO ASIA PACIFIC LTD.

SPECIFICATION

HOLLOW FIBER ULTRAFILTRATION MODULE OAPmod48-6

Performance	Flux Operating Range	59–145 L/M ² /Hr (GFD 35-85)
	Product Turbidity	≤ 0.10 NTU
	TOC Reduction	20 to 70% *
	Colloidal Silica Reduction	≥ 90%
	Bacteria Removal	≥ 4 log
	* <i>Subject to an eventual coagulant application</i>	
Description	Type	Capillary (inside / outside)
	Membrane Polymer	PVC – Hydrophilic
	Membrane Area (Nominal)	9.2 M ² (100 sq.ft.)
	Fiber Size	ID 0.8 mm (0.031") OD 1.3 mm (0.051")
	MWCO (Nominal)	100 KDa
Design Parameters	pH Operation	3 to 12
	pH Cleaning	2 to 13
	Maximum Operating Temperature	45°C (113°F)
	Maximum Feed Pressure	5 bar (73 psi)
	Maximum Transmembrane pressure	1.5 bar (22 psi)
	Instantaneous Chlorine Tolerance	200 Mg/L
	Instantaneous Hydrogen Peroxide	200 Mg/L
	Maximum Continuous Feed Turbidity	20 NTU
Mode of Operation	Crossflow – Direct Flow	
Process Conditions	Backwash Flux Range	170-260 L/M ² /Hr (GFD 100-153)
	Backwash Frequency	Every 30-60 minutes
	Backwash Duration	30-60 seconds
	Chemical Enhanced Backwash Frequency	1 to 4 times a day
	Chemical Enhanced Backwash Duration	1 to 10 minutes
	Sanitisation Chemicals	NaOCl, H ₂ O ₂
Cleaning Chemicals	NaOH, HCl	

Element Weight and Dimensions



Connection	Weight, Kg
Victaulic Dia 1"	18



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