

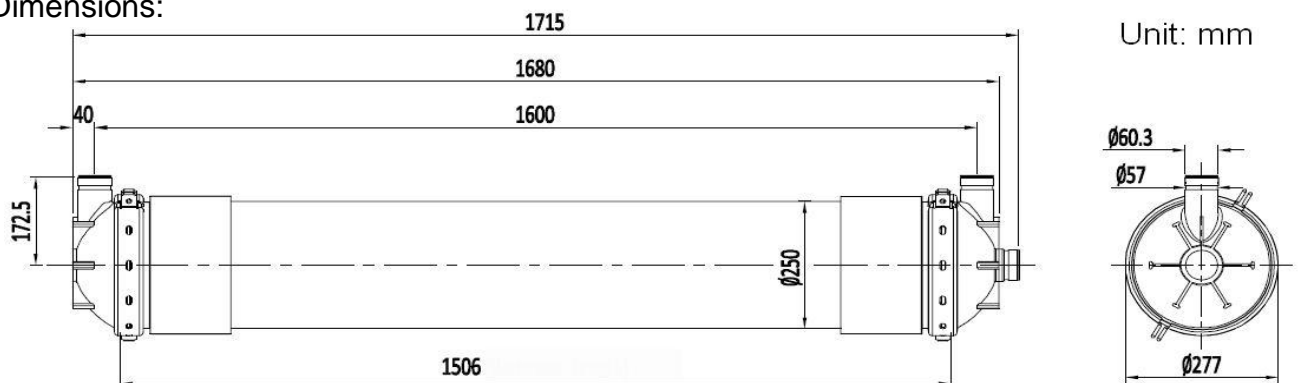
L142010232

Hollow Fiber Ultrafiltration Module

SPECIFICATIONS:

Performance	Flux Operating Range	60-162 L/M ² ·Hr (GFD 36-86)
	Product Turbidity	≤ 0.1 NTU
	TOC Reduction	25-80%
	Colloidal Silica Reduction	≥ 92%
	Bacteria Removal	≥ 4 log
Description	Type	Capillary (inside / outside)
	Membrane Polymer	PVC - Hydrophilic
	Membrane Area	49 M ² (500 sq.ft.)
	Filter Size	ID 0.8 mm (0.031") OD 1.3 mm (0.051")
	MWCO	100 KDa
Design Parameters	pH Operation	2 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

Module Dimensions:



Module Weight is 46 KG