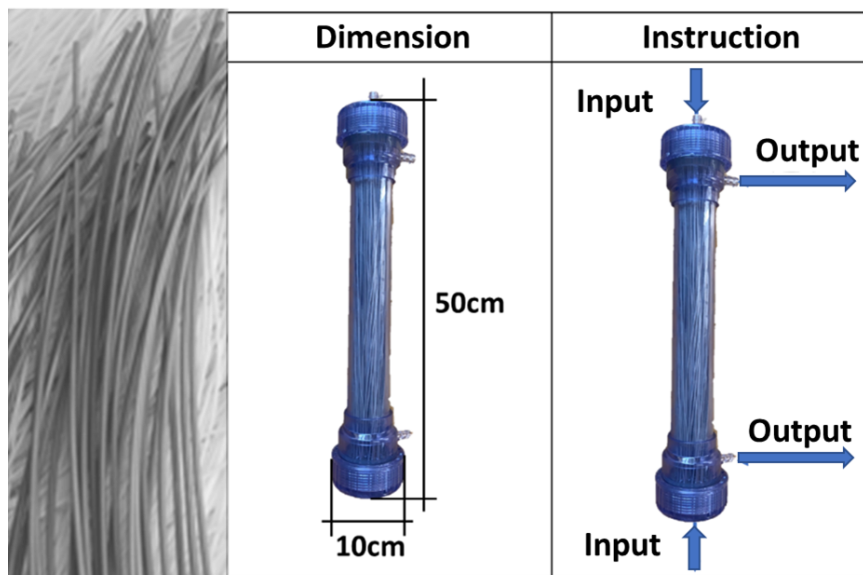


Graphene Imbedded Polyether Sulfone (PES) Ultrafiltration (UF) Nano-porous Hollow Fibre Membrane Filter Module

Standard Product Specification



Item or parameter	Value or specification
Filter length	50 cm
Filter diameter	10 cm
Number of water inlets	2
Number of water outlets	2
Inlet port diameter	0.6 cm
Outlet port diameter	1 cm
Total membrane surface area	0.2 m ²
Operating water pressure	0.1-0.3 Mpa
Operating temperature range	0-40 °C
Casing material	Unplasticized Polyvinyl chloride (UPVC)
Casing colour	Light blue (partial transparent) or light grey (partial transparent)
Membrane hollow fibre diameter	1.3 mm
Membrane hollow fibre wall thickness	0.6 mm
Average hollow fibre pore size	10-20 nm
Membrane host material	polyether sulfone
Imbedded graphene	N-doped graphene
Membrane colour	Grey
Application	Water filtration

Other customized filter module dimensions, filtration pore sizes, membrane surface areas and material specifications could be tailored on request.