

# ENORME<sup>TM</sup>

REVOLUTION IN FILTRATION

## ULTRA FILTRATION

HOLLOW FIBRE MEMBRANE BASED FILTRATION



ENORME UF is Heavy Duty – Next Generation ultrafiltration modules that offers versatility to meet all of your absolute and precise filtration needs, including high-flow and heavy-sediment applications. The exclusive innovative design of the UF guarantee extremely high level of particle removal efficiency.

The High-Flow ROBUST design cap is available with 1" or 1-1/2" NPT inlet and outlet ports.

ENORME ULTRA FILTRATION modules are compatible with a broad range of chemicals and can handle variety of different fluids.

This UF are available with a pressure relief button and pressure gauge mounting. The Drain valve at bottom make it easy to flush the UF frequently.

The innovative design of the Enorme uf makes sure no bypass/slip-page of dirt happens during filtration.

Even though the UF comes along with spanner, due to its user friendly design it opens without spanner as well.

The double 'o' ring design of the UF housing make sure no leakages are there at site.

## COMPONENTS

- ◆ **HOUSING:** The main vessel, made from high grade Polypropylene. It holds the ultra filter module.
- ◆ **UF Module:** The filtration module which is designed to physically remove suspended solids, bacteria, viruses and any other impurities.
- ◆ **SPANNER/WRENCH:** Used for opening and tightening
- ◆ **PRESSURE GAUGE MOUNTING:** To mount pressure gauge
- ◆ **AIR RELEASE VALVE:** To release Blocked air, particularly while starting the system
- ◆ **'O' Ring:** Provides leak proof seal between housing head and body

## FEATURES AND BENEFITS

- ◆ ENORME UF module is made of R-PVDF which is the sturdiest material available.
- ◆ HIGH QUALITY UF suitable for HIGH FLOW applications
- ◆ Pressure relief/bleed on inlet side of cap
- ◆ Available in 20" lengths, the most user friendly and LEAKAGE/SLIPPAGE PROOF design
- ◆ Made from 100 % VIRGIN raw material provides premium build quality
- ◆ DOUBLE 'O' Ring design
- ◆ Perfectly suited for pre-filtration purposes, ensuring your water is free from impurities.
- ◆ Micron rating of 0.01 and 0.03 , both options available

## SPECIFICATIONS

- ◆ **Housing**  
Polypropylene
- ◆ **O-Ring**  
EPDM
- ◆ **Cap**  
Polypropylene (PP)
- ◆ **Temperature Rating**  
40-100 °F (4.4-37.8 °C)
- ◆ **Button Assembly**  
EPDM, and polypropylene
- ◆ **Maximum Pressure**  
20" : 90 psi (6.2 bar)

## SPECIFICATIONS AND PERFORMANCE

PART #	DESCRIPTION	MAXIMUM DIMENSIONS
1	20" enorme ultrafilter with 1" connection	23.28" x 8.92" (582 x 223 mm)
2	20" enorme ultrafilter with 1.5" connection	23.28" x 8.92" (582 x 223 mm)

Model	ENORME 20
Material	Modified RPVDF
Mode of Operation	Out - In Filtration (cross flow / dead end flow)
Membrane Diameter ID/OD (mm)	1.2/1.9
Pore Size	0.25 um
Effective Membrane Area	2 ± 0.1 m <sup>2</sup>
Operational Flux	40 - 120 L/m <sup>2</sup> .hr
Maximum Permeate Flux (Clear Water)	700 L/m <sup>2</sup> .hr
Operational Pressure	0.5 - 2 bar
Maximum Trans Membrane	0.4 - 1.5 bar
Chemical In Place Frequency	Once In 1 - 2 month
Chemical Used In CIP	HCL & Naocl
Conc. HCL	1000ppm (30%)
Conc. NaOCL	1000ppm (32%)
Preservation Chemical	SMBS

## About ENORME

ENORME range of filtration solutions are developed by technocrats having rich experience of decades in manufacturing or designing of cartridge filtration/bag filtration/ultra filtration/disc filtrations.

ENORME products has been appreciated by OEMs all across india and abroad.

ENORME filtration products has been approved in varied industries and is known to bring the best of the filtrations. ENOROME stands for highest possible user satisfaction!

# Innovative Filtration Solutions



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