

Hollow Fibre Ultrafiltration Modular Systems



MU02



MU04



MU10



MU20

UltraPure's hollow fibre ultrafiltration (UF) membrane reduces

- ✓ Sediment
- ✓ Dirt
- ✓ Rust
- ✓ Bacteria
- ✓ Cyst



MU40



MU80

Standard features

- ✓ Ultrafiltration (U850) PAN membranes skid mounted
- ✓ Feed & Backflush Pumps
- ✓ Pressure Gauges, Flow Meters & Manual Valves
- ✓ Steel frame
- ✓ PVC Piping
- ✓ Control Panel

Configuration	Hollow Fibre (Out-to-in filtration)
Material	Hydrophilic Modified PAN
Fibre Size (ID/OD)	1.0 mm/1.8mm
Recovery	> 95%/ 65% (Dead end/ Cross Flow)
Surface Area	45 sq metre/ 480 sq ft
Operating Temperature	< 50°C
pH Range	3 to 9 (operating); 2 to 11 (CIP)
Filtration (Out-to-in)	Feed and Product in Dead End/ Cross Flow Mode
Regeneration (In-to-Out)	Backwash/ CIP
Flow rate per cartridge	City water: +/- 3000 litres per hr * River/Bore water: +/- 1500 litres per hr * Treated wastewater: +/- 750 litres per hr *

*Subject to feed water condition

System Models	MU02	MU04	MU10	MU20	MU40
Electrical Power (Systems only)	230V, 5A	230V, 5A	230V, 13A	400V, 16A	400V, 16A
Weight (Kg)	120	250	600	1200	4000
Length (m)	0.80	1.20	1.80	2.80	4.50
Width (m)	0.50	0.70	0.90	0.75	1.80
Height (m)	1.90	1.86	2.00	2.00	2.20
Product Flow Rate (m ³ /h)	2	4	10	20	40

UltraPure Private Limited also provides customization of MU systems based on customer's design requirements.



ULTRAPURE PRIVATE LIMITED 122 Joo Chiat Road, Singapore 427411

Factory: 32 Marsiling Lane, Singapore 739151

Tel: +65 64403680 Fax: +65 64403679 Email: info@ultrapure.com.sg

Website: www.ultrapure.com.sg

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