

# UltraPure NF20

## Low Pressure Reverse Osmosis Membrane Demineralization System

### System includes:

- 3 x NF1 membrane (4040) cartridges
- Electrical control panel
- Hi-Pressure Pump
- Feed Pump (Optional)
- 10 µm & 5µm Guard-Filters
- Manual & Electrical Solenoid Control Valve
- Pressure Gauges, Flow Meters
- Permeate Conductivity Meter
- System on Racking, PVC & Stainless Steel Piping

### Optional:

1, 2 or 3 x U430 Ultra-filtration Pre-treatment module on separate frame



### NF1-4040, Membrane Specifications :

Type	TFC (Thin Film Composite)
Material	PA (Polyamide)
Charge	Negative
Configuration	Spiral-Wound, FRP Wrapping
Membrane Size	Diameter 4" x Length 40"
Effective Area	85 sq ft/membrane
Flow Rate	0.2 m <sup>3</sup> /hr/membrane

**Note:** Selection of membrane will depend on the application flow rate depends on the type of feed water



**Note:** UltraPure reserves the right to make any changes to the information provided above without prior notice.

### NF System & Operating Limit :

Recovery	75~90 %*
Operating Temperature	< 50° C
Operating Pressure	< 10 Bar
Electrical Power	230V/ 50Hz; 1phase
Max. SDI (15min.)	< 5.0
pH range	3 – 10
Feed Max. Turbidity	< 1.0 NTU *
Chlorine Concentration	< 0.1ppm

\* Subject to feed water condition



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