

## Technical Data Sheet

### CRXFLOW-BMF10

<b>Specifications</b>	
<b>Flow Rates</b>	
Capacity	5 KLD to 10 KLD
Feed Flow Rate	500 LPH
<b>Performance Data</b>	
Membrane Specification	CRXFLOW HYPERHELIX MBR MEMBRANE – 5 m <sup>2</sup>
Number of Membranes	5 Nos
MBR Pump	CROMPTON 0.5 HP HIGH SUCTION PUMP
Backwash Pump	WILO 1 HP BACKWASH PUMP
Disinfection Dosing system	Edose dosing system
Blower	A1-40 – 20 m <sup>3</sup> /hr @ 4 Kg Pressure Twin Lobe (1HP)
<b>Pre-treatment</b>	
Screen	SS304 Punched Hole Screen
<b>Dimensions</b>	
Tank MOC	Fibre Reinforced Plastic (FRP)
Tank Dimensions	1.8 x 1 x 1.8 (in metres)
Equipment Skid Dimension	0.6 x 1 x 1.8 (in metres)
Entire Dimensions	2.4 x 1 x 1.8 (in metres)
<b>Automation &amp; Control</b>	
Control Panel	Automatic AI Control Panel
Flow measurement	Rotameters for Outlet
Valve Control	Uflow Solenoid valve – 2 Nos
<b>Structure &amp; Piping</b>	
Connecting Pipes	10 Kg HPVC
Skid	MSEP – Self Standing
<b>Power Ratings</b>	
Electrical Supply	230V/ 50 Hz 1 Phase supply
Connected Power Load	2 HP/1.5 KW
Operating Power Load	1 HP/0.75 KW
Unit Consumption (20 Hours)	0.75 units/ hour