

## Technical Data Sheet

### CRXFLOW-BMF20

| <b>Specifications</b>                  |  |
|--|--|
| <b><u>Flow Rates</u></b>               |  |
| Capacity                               | 11 KLD to 20 KLD   |
| Feed Flow Rate                         | 1000 LPH   |
| <b><u>Performance Data</u></b>         |  |
| Membrane Specification                 | CRXFLOW HYPERHELIX MBR MEMBRANE – 5 m <sup>2</sup>             |
| Number of Membranes                    | 10 Nos   |
| MBR Pump                               | CROMPTON 1 HP HIGH SUCTION PUMP                                |
| Backwash Pump                          | WILO 1 HP BACKWASH PUMP  |
| Disinfection Dosing system             | Edose dosing system  |
| Blower                                 | A1-40 – 55 m <sup>3</sup> /hr @ 4 Kg Pressure Twin Lobe (2 HP) |
| <b><u>Pre-treatment</u></b>            |  |
| Screen                                 | SS304 Punched Hole Screen                                      |
| <b><u>Dimensions</u></b>               |  |
| Tank MOC                               | Fibre Reinforced Plastic (FRP)                                 |
| Tank Dimensions                        | 3.6 x 1 x 1.8 (in metres)                                      |
| Equipment Skid Dimension               | 0.6 x 1 x 1.8 (in metres)                                      |
| Entire Dimensions                      | 4.2 x 1 x 1.8 (in metres)                                      |
| <b><u>Automation &amp; Control</u></b> |  |
| Control Panel                          | Automatic AI Control Panel                                     |
| Flow measurement                       | Rotameters for Outlet  |
| Valve Control                          | Uflow Solenoid valve – 2 Nos                                   |
| <b><u>Structure &amp; Piping</u></b>   |  |
| Connecting Pipes                       | 10 Kg HPVC   |
| Skid                                   | MSEP – Self Standing   |
| <b><u>Power Ratings</u></b>            |  |
| Electrical Supply                      | 230V/ 50 Hz 1 Phase supply                                     |
| Connected Power Load                   | 3 HP/1.5 KW  |
| Operating Power Load                   | 2 HP/0.75 KW   |
| Unit Consumption (20 Hours)            | 1.5 units/ hour  |