

# ZeeWeed\* 500D Module

## Immersed Hollow-Fiber Ultrafiltration Technology



| Module Type   | WW   | DW   |
|---|--|--|
| Application   | Membrane Bioreactor                        | All Other Applications   |
| Nominal Membrane Surface Area                                   | 340 ft <sup>2</sup> (31.6 m <sup>2</sup> ) | 340 ft <sup>2</sup> (31.6 m <sup>2</sup> )<br>440 ft <sup>2</sup> (40.9 m <sup>2</sup> ) |
| Module Dimensions   |  |  |
| Height  | 2,198 mm (86.4")                           |  |
| Width   | 844 mm (33.2")                             |  |
| Depth   | 49 mm (1.9")                               |  |
| Module Weight   |  |  |
| Max. Shipping Weight <small>(crated)</small>                    | 26 kg (58 lb)                              | 28 kg (62 lb)  |
| Lifting Weight <small>(varies with solids accumulation)</small> | 26 - 74 kg<br>(58 -163 lb)                 | 30 - 74 kg<br>(66 -163 lb)   |
| Membrane Properties   |  |  |
| Material  | PVDF                                       |  |
| Nominal Pore Size   | 0.04 micron                                |  |
| Surface Properties  | Non-Ionic & Hydrophilic                    |  |
| Fiber Diameter  | 1.9 mm OD / 0.8 mm ID                      |  |
| Flow Path   | Outside-In                                 |  |
| Operating Specifications  |  |  |
| TMP Range   | - 55 to 55 kPa<br>(- 8 to 8 psi)           | -90 to 90 kPa<br>(-13 to 13 psi)   |
| Max. Operating Temperature                                      | 40°C (104°F)                               |  |
| Operating pH Range  | 5.0 - 9.5                                  |  |
| Cleaning Specifications   |  |  |
| Max. Cleaning Temperature                                       | 40°C (104°F)                               |  |
| Cleaning pH Range   | 2.0 - 10.5                                 |  |
| Max. Cl <sub>2</sub> Concentration                              | 1,000 ppm                                  |  |