

AQUADYN[®] UE1060

- Hollow Fiber Module -

Data Sheet

Module Specification

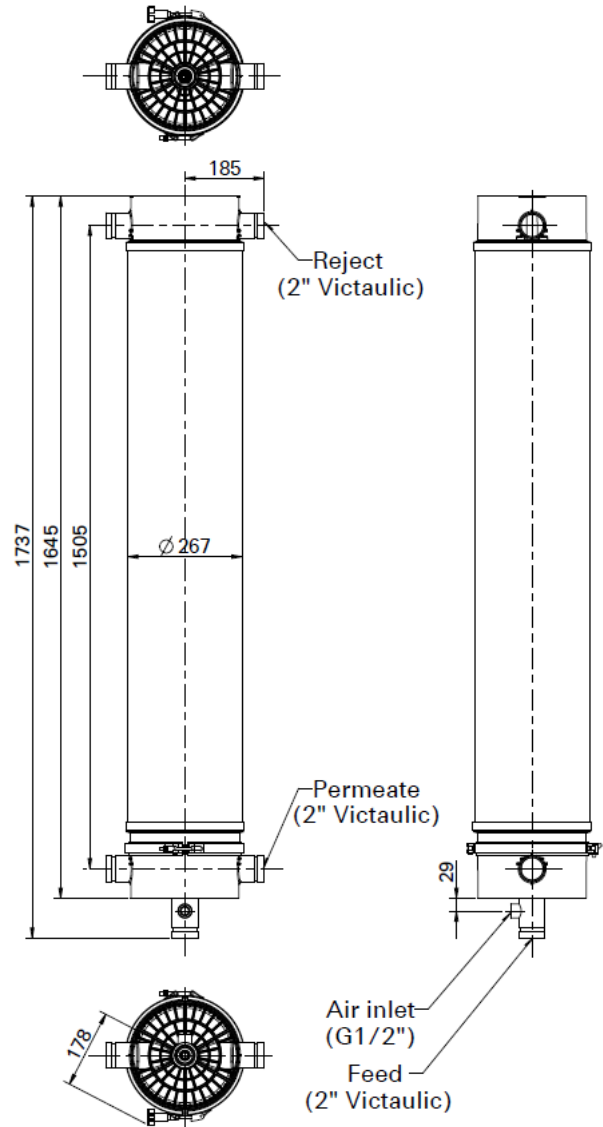
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|------------------------------|--|
| Filtration type | Ultrafiltration |
| Membrane type | Hollow fiber |
| Membrane structure | Double asymmetric |
| Membrane potting | Epoxy |
| Membrane material | PES |
| Housing material | uPVC |
| Fiber arrangement | U-Shape |
| Flow type | Out/In |
| Type of filtration | Dead End |
| Regeneration | Back Flush, Forward Flush, Air Scouring |
| Membrane area | 55 m ² /592 ft ² |
| Hollow fiber diameter OD/ID | 1.55 mm/0.95 mm |
| Pore size | 0.025 µm |
| Module diameter | 267 mm/10.5 in |
| Module length | 1737 mm/68.4 in |
| Connectors | Feed port: 2" Victaulic Permeate port: 2" Victaulic Reject port: 2" Victaulic Air inlet port: G1/2" |
| Weight of module at shipping | Approx. 41 kg/90.4 lbs |
| Standard preservative | Ethanol + Glycerine |

Operation Specification*

| | SI Units | US Units |
|---------------------------------|--------------------------|------------|
| Applicable water flux | ≤ 6.6 m ³ /h | ≤ 29.1 gpm |
| Capacity feed pump | ≤ 13.2 m ³ /h | ≤ 58.1 gpm |
| Capacity back flush pump | ≤ 13.2 m ³ /h | ≤ 58.1 gpm |
| Max. transmembrane pressure | 1 bar | 14.5 psi |
| Max. module pressure | 1.2 bar | 17.4 psi |
| Applicable air scour rate | 10 Nm ³ /h | 5.9 scfm |
| Air pressure | <0.6 bar | <8.7 psi |
| Temperature range | 5 - 45°C | 41 - 113°F |
| pH range, operation | 2 - 12 | |
| pH range, cleaning | 1 - 13 | |
| Max. active chlorine exposure | 200,000 ppm•h | |
| Max. active chlorine conc. | 200 ppm (mg/l) | |
| Max. hydrogen peroxide exposure | 500,000 ppm•h | |
| Max. hydrogen peroxide conc. | 500 ppm (mg/l) | |
| Max. TSS feed | ≤ 350 mg/L | |
| Max. NTU feed | ≤ 300 NTU | |

* Depending on feed water quality and operating conditions

Note: The information in this data sheet believed to be accurate and reliable, but is not to be construed as implying any warranty or guarantee of performance



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We reserve the right to change specifications without prior notification.

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