

AQUADYN® UA1060

- Hollow Fiber Module -

Data Sheet

Module Specification

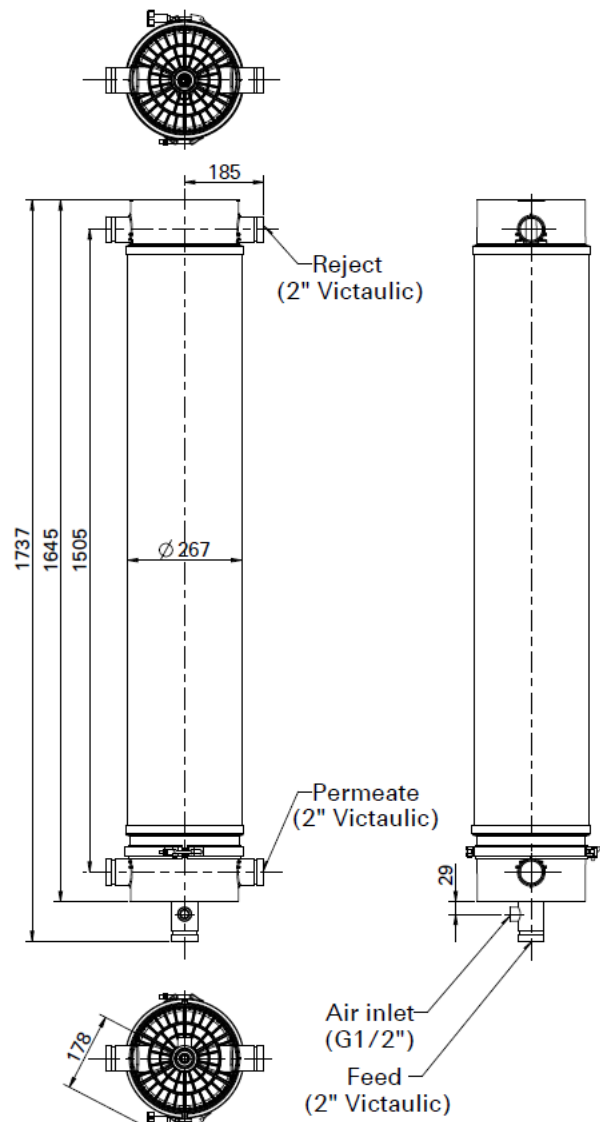
Filtration type	Ultrafiltration
Membrane type	Hollow fiber
Membrane structure	Double asymmetric
Membrane potting	Epoxy
Membrane material	PAN
Housing material	uPVC
Fiber arrangement	U-Shape
Flow type	Out/In
Type of filtration	Dead End
Regeneration	Back Flush, Forward Flush, Air Scouring
Membrane area	60 m ² /646 ft ²
Hollow fiber diameter OD (ID)	1.7 mm (0.9 mm)/0.067 in (0.035 in)
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	Sodium meta-bisulphite

Operation Specification*

	SI Units	US Units
Applicable water flux	≤ 7.2 m ³ /h	≤ 31.7 gpm
Capacity feed pump	≤ 14.4 m ³ /h	≤ 63.4 gpm
Capacity back flush pump	≤ 14.4 m ³ /h	≤ 63.4 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 - 10	
pH range, cleaning	1 - 10	
Max. active chlorine exposure	100,000 ppm•h	
Max. active chlorine conc.	100 ppm (mg/l)	
Max. hydrogen peroxide exposure	500,000 ppm•h	
Max. hydrogen peroxide conc.	500 ppm	
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.



MICRODYN-NADIR behält sich das Recht vor, Angaben ohne vorherige Ankündigung anzupassen.
We reserve the right to change specifications without prior notification.

MICRODYN-NADIR GmbH
Industriepark Kalle-Albert
Kasteler Straße 45
D-65203 Wiesbaden

Telefon: +49 (0) 611/962-6001
Telefax: +49 (0) 611/962-9237
E-Mail: info@microdyn-nadir.de
Internet: www.microdyn-nadir.de

