

# AQUADYN® UA860

## - Hollow Fiber Module -

# Data Sheet

### Module Specification

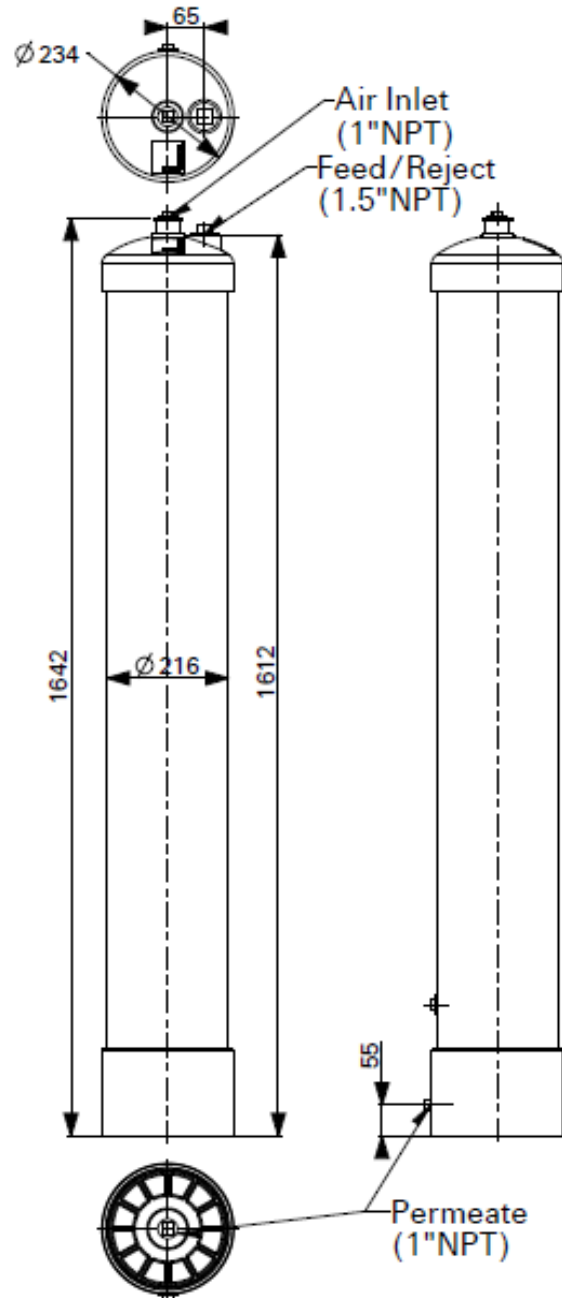
Filtration type	Ultrafiltration
Membrane type	Hollow fiber
Membrane structure	Double asymmetric
Membrane potting	Epoxy
Membrane material	PAN
Housing material	Reinforced ABS and uPVC
Fiber arrangement	U-Shape
Flow type	Out/In
Type of filtration	Dead End
Regeneration	Back Flush, Air Scouring
Membrane area	45 m <sup>2</sup> /484 ft <sup>2</sup>
Hollow fiber diameter OD/ID	2.1 mm/1.1 mm
Pore size	0.025 µm
Module diameter	216 mm/8.5 in
Module length	1642 mm/64.6 in
Connectors	Feed/Reject port: 1.5"NPT Permeate port: 1"NPT Air inlet port: 1"NPT
Weight of module at shipping	Approx. 40 kg/88 lbs
Standard preservative	Sodium meta-bisulphite

### Operation Specification\*

	SI Units	US Units
Applicable water flux	≤ 3.6 m <sup>3</sup> /h	≤ 15.9 gpm
Capacity feed pump	≤ 3.6 m <sup>3</sup> /h	≤ 15.9 gpm
Capacity back flush pump	≤ 7.2 m <sup>3</sup> /h	≤ 31.7 gpm
Max. transmembrane pressure	1 bar	14.5 psi
Max. module pressure	2 bar	29 psi
Applicable air scour rate	4.2 - 8.3 Nm <sup>3</sup> /h	2.5 - 4.9 scfm
Air pressure	<0.5 bar	<7.3 psi
Temperature range	5 - 45°C	41 - 113°F
pH range, operation	2 - 10	
pH range, cleaning	1 - 10	
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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