



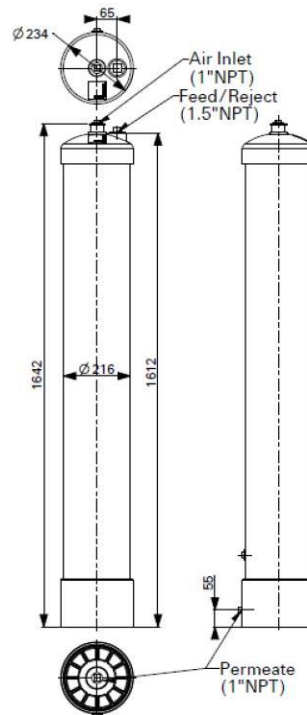
MICRODYN AQUADYN[®] UA860

Membrane modules for water treatment

This product specification sheet provides an overview of relevant technical data regarding MICRODYN AQUADYN[®] UA860 modules treating water in industrial and municipal applications.

MEMBRANE CHARACTERISTICS	Membrane polymer	Polyacrylonitrile (PAN)
	Nominal pore size	0.025 µm
	Membrane type	Hollow fiber
	Hollow fiber diameter OD / ID	2.1mm / 1.1mm
MODULE SPECIFICATION	Housing material	Reinforced ABS and uPVC
	Membrane potting	Epoxy
	Type of Filtration	Out / In, Dead End
	Nominal membrane area	45 m ² (484 ft ²)

PHYSICAL DIMENSIONS



Dry weight	40 kg (88 lb)
Module diameter	216mm (8.5in)
Module length	1642mm (64.6in)
Feed / Reject port	1.5" NPT
Permeate port	1" NPT
Air inlet port	1" NPT

OPERATING PARAMETERS

Max water flow	3.6 m ³ /h (15.9 gpm)
Max back flush flow	7.2 m ³ /h (31.7 gpm)
Max. trans membrane pressure	1 bar (14.5 psi)
Max module pressure	2 bar (29 psi)
Air flow rate	4.2 – 8.3 Nm ³ /h (2.5 – 4.9 scfm)
Air pressure	<0.5bar (<7.3psi)
Temperature range	5-45°C (41-113°F)
pH range operation	2-10

CLEANING PARAMETERS

pH range cleaning	1-10
Max. temperature during cleaning	45°C (113°F)
Preservative	Sodium meta-bisulphite
Max. active chlorine concentration	100 ppm
Max. active chlorine exposure	100000 ppm·h
Max. hydrogen peroxide conc.	500 ppm
Max. hydrogen peroxide exposure	500000 ppm·h

IMPORTANT INFORMATION

Storage and Handling:	MICRODYN AQUADYN® UA860 modules must be handled and stored appropriately to ensure proper operation and to prevent membrane damage. Please see MICRODYN AQUADYN® UA860 Product Manual – <i>pages 4-5</i>
Installation and Start-up:	MICRODYN AQUADYN® UA860 modules must be installed correctly before start-up. For a detailed installation and start-up procedure, please see MICRODYN AQUADYN® UA860 Product Manual – <i>pages 19-21</i>
Cleaning:	MICRODYN AQUADYN® UA860 modules must be cleaned routinely via backwash to ensure proper operation and to prevent membrane damage. please see MICRODYN AQUADYN® UA860 Product Manual – <i>pages 22-27</i>

MICRODYN-NADIR reserves the right to change specifications without prior notification.



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