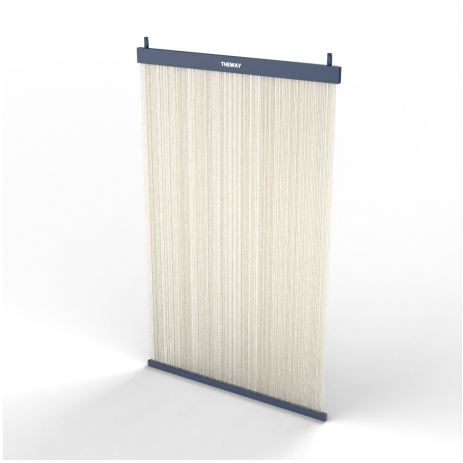
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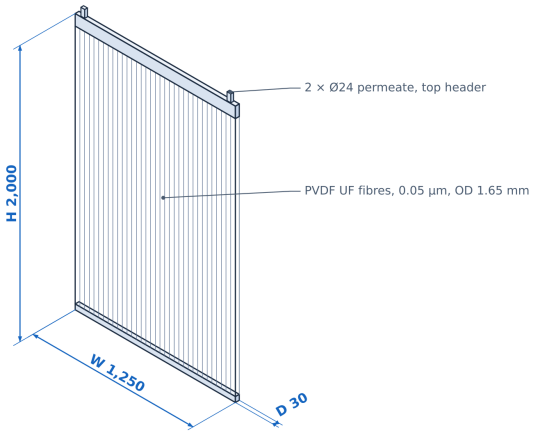
TW-MBR56-40

Submerged hollow fibre MBR element, 40 m² · Datasheet

Submerged hollow fibre MBR element, 40 m². Theway builds it to the published dimensions and connections of the equipment named under "Theway equivalent of", so it fits the installed system with no change to the tank, frame or piping. Main figures: membrane area 40 m²; dimensions 2,000 × 1,250 × 30 mm; membrane PVDF UF, 0.05 µm; permeate 2 × Ø24 mm.



3D render



Dimensions in mm. Drawing not to scale.

Element

Type	Submerged hollow fibre, outside-in, vertical fibres
Membrane	PVDF UF, 0.05 µm
Fibre OD	1.65 mm
Membrane area	40 m²
Dimensions (H × W × D)	2,000 × 1,250 × 30 mm
Permeate outlets	2 × Ø24 mm, top header
Dry weight	15 kg
Design flow per element	5 to 20 m³/day

Operating limits *

Flux	Up to 33 L/m²·h
Air scouring (SADm)	0.11 m³/m²·h
Operating pH	5 to 9
Temperature	Below 40 °C
MLSS, recommended	5,000 to 10,000 mg/L
MLSS, limits	3,000 to 15,000 mg/L
Initial TMP	−15 kPa or above
Storage	Dry

* Limits of the equipment this product is built to fit. A project design may set more conservative values.

5600 modules in an integrator's frame (permeate 2 × 65A, air 80A)

m²	Elements	L mm	W mm	H mm
400	10	940	1,525	2,800
800	20	1,390	1,525	2,800
1,200	30	1,870	1,525	2,800
1,600	40	2,320	1,525	2,800
2,400	60	3,420	1,525	2,800

Theway equivalent of

Mitsubishi Chemical Sterapore 56E0040SA	5600 series

Brand and model names belong to their owners and are used only to identify the equipment this product is built to fit. Theway Membranes is not connected with those owners. Check dimensions, connections and operating conditions against the installed equipment before replacing it.

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TW-MBR56-40

Operating guidelines

• Screen the feed ahead of the membrane tank as for the original installation; hair and fibres shorten membrane life.

• Run air scouring whenever the membranes filter. Stop filtration if the air supply fails.

• Keep transmembrane pressure within the stated limit. A rising TMP calls for cleaning, not for more suction.

• Clean in place with sodium hypochlorite (organic) and citric or oxalic acid (inorganic), within the stated pH, temperature and chlorine limits.

• Keep modules wet once wetted, unless the sheet says they are supplied and stored dry.

General notes

• Before the first order, one installed module is checked against this sheet: header fixing, nozzle or spigot, and edge profile.

• Supplied and stored dry.

• Theway standard limited warranty applies within the stated limits. Operation outside them voids the warranty.

Legal notice

Guidance only. Values are typical and indicative, given in good faith under the stated reference conditions. They are not guaranteed values and not a warranty of performance; actual performance depends on feed water, pretreatment, design, operation and maintenance.

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Your responsibility. The user must confirm that the product is suitable and safe for the intended use, including chemical compatibility, potable-water or food-contact requirements and local regulations, and must have it installed and operated by competent persons.

Equivalents and trade marks. "Equivalent" means built by Theway to fit and operate in place of the named equipment, by its published dimensions, connections and ratings. The product is not made, approved or endorsed by the owner of the named equipment, and Theway is not connected with that owner. Fitting it may affect a warranty or service agreement with the original supplier; check before replacing. Brand and model names belong to their owners and are used only for identification.

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