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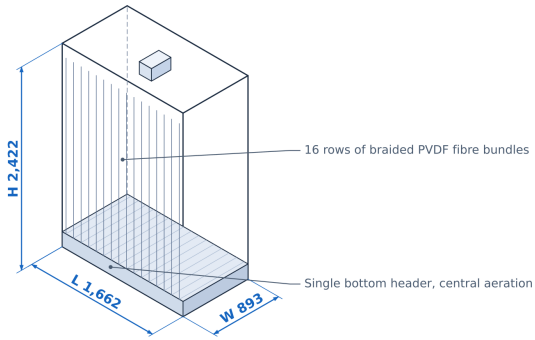
TW-PR

Braided-fibre MBR rows · Datasheet

Braided-fibre MBR rows. 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: fibre braided PVDF, 0.03 µm, OD 2.6 mm; TMP maximum 0.6 bar.



3D render



Dimensions in mm. Drawing not to scale.

Rows

Fibre	Braided PVDF on polyester, outside-in
Nominal pore size	0.03 µm
Fibre OD	2.6 mm
Potting	Epoxy
Header	Single bottom header, central aeration
Row interface and pitch	Copied from the plant's used row

Operating limits *

Temperature	5 to 40 °C
TMP	Maximum 0.6 bar, filtration and backflush
Cleaning pH	2.0 to 10.5
Chlorine	1,000 ppm maintenance; 2,000 ppm recovery (pH ≥ 8, ≤ 35 °C)
Chlorine, cumulative	500,000 ppm·h

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

PSH modules the rows fit (permeate / air)

Module	m²	Rows	L mm	W mm	H mm	Connections
PSH 250	250	8	906	893	2,384	DN 50 / DN 50
PSH 300	300	8	906	893	2,384	DN 50 / DN 50
PSH 500	500	16	1,662	893	2,422	DN 80 / DN 80
PSH 600	600	16	1,662	893	2,422	DN 80 / DN 80
PSH 1500	1,500	44	2,244	1,755	2,530	Ø200 / Ø110
PSH 1800	1,800	44	2,244	1,755	2,530	Ø200 / Ø110

Theway equivalent of

Koch (Kovalus) PURON PSH modules	PSH 250 to PSH 1800

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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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.

• Pore size, header details and connections are confirmed in the quotation.

• 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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