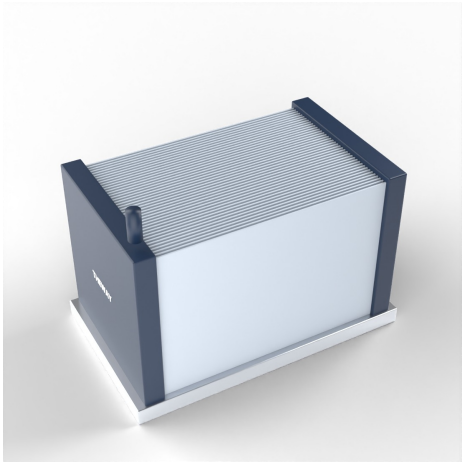
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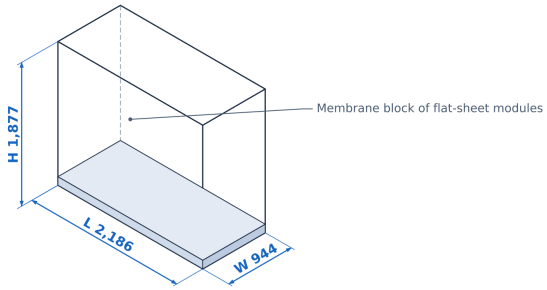
TW-SP

Flat-sheet MBR modules for SP units · Datasheet

Flat-sheet MBR modules for SP units. 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: modules TW-SP-10 (10 m²), TW-SP-11 (11.25 m²); plate dimensions matched to the installed module.



3D render



Dimensions in mm. Drawing not to scale.

Modules

TW-SP-10	For H025-40, 10 m²
TW-SP-11	For H025-45, 11.25 m²
Type	Submerged flat sheet, outside-in
Membrane	PVDF flat sheet
Plate and module dimensions	Matched to the installed module

Operating limits *

Operating temperature	5 to 40 °C
Operating pH	5 to 10
MLSS	Up to 18,000 mg/L
Transmembrane pressure	Up to 20 kPa (200 mbar)
Operating mode	Suction or gravity

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

SP units the modules fit (width 944 mm, length 2,186 mm)

Unit	m²	Height mm	Dry kg	Water depth m
SP200	200	1,877	550	2.3
SP225-A	225	1,877	590	2.3
SP300	300	2,401	730	2.8
SP337-A	337.5	2,401	790	2.8
SP400	400	2,923	910	3.3
SP450-A	450	2,923	990	3.3
SP600	600	4,213	1,390	4.6
SP675-A	675	4,213	1,510	4.6
SP800	800	5,257	1,750	5.7
SP900-A	900	5,257	1,910	5.7

Theway equivalent of

Kubota SP series, module H025-40	10 m², SP200 to SP800
Kubota SP series, module H025-45	11.25 m², SP225-A to SP900Q-A

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

• Dimensions and connections are matched to the installed module. The general-arrangement drawing is issued with the quotation, after one installed module has been measured.

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

• Unit dimensions are from the SP-series catalogue; units with W, T or Q in the name are taller (two to four blocks).

• 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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