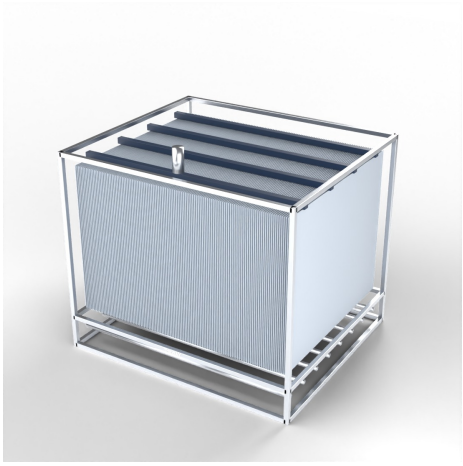
mail@thewaymembranes.com
www.thewaymembranes.com
Chennai, India

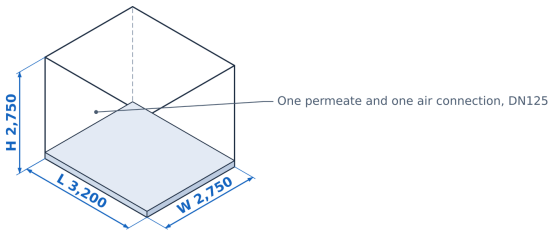
TW-BC

Flat-sheet MBR modules · Datasheet

Flat-sheet MBR modules. 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: TW-BC-XL2 1,920 m², 3,200 × 2,750 × 2,750 mm; connections DN125 permeate and air; TW-BC-L2 480 m².



3D render



Dimensions in mm. Drawing not to scale.

TW-BC-XL2	
Membrane area	1,920 m²
Dimensions (L × W × H)	3,200 × 2,750 × 2,750 mm
Membrane	PES flat sheet
Housing	Stainless steel
Permeate	Lapped flange DN125, PN10
Aeration	Lapped flange DN125, PN10
Recommended air scour	360 Nm³/h
Dry weight	750 kg

TW-BC-L2	
Membrane area	480 m²
Dimensions and connections	Matched to the installed module

Theway equivalent of

MANN+HUMMEL BIO-CEL XL-2	1,920 m²
MANN+HUMMEL BIO-CEL L-2	480 m²

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.

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.

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mail@thewaymembranes.com
www.thewaymembranes.com
Chennai, India

Legal notice

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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.

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