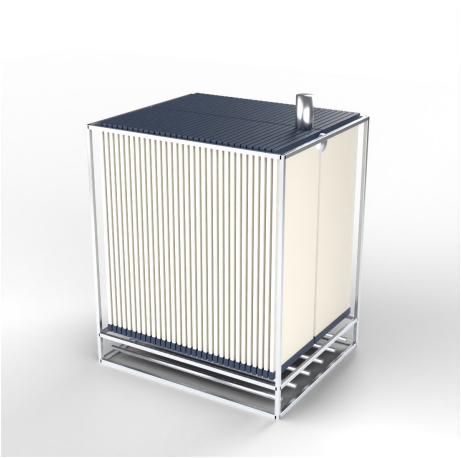
mail@thewaymembranes.com
www.thewaymembranes.com
Chennai, India

TW-CAS-EV

MBR modules and cassette frames · Datasheet

MBR modules and cassette frames. Theway builds it to fit the installed equipment named under "Theway equivalent of"; dimensions and connections are matched to the installed module. Main figures: fibre reinforced PVDF, 0.04 µm, outside-in; cassettes T-64M, R-16M, R-56M; dimensions matched to the installed module.



3D render

Dimensions and connections

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.

Send a photograph of the installed module and its nameplate with your enquiry; we confirm the fit and the drawing before the order.

Modules and cassettes

Type	Submerged hollow fibre, outside-in
Fibre	Reinforced PVDF, OD 2.0 mm, ID 0.9 mm
Nominal pore size	0.04 µm
Cassettes	T-64M, R-16M and R-56M formats
Frame material	SS304, SS316L or duplex 2205
Dimensions and connections	Matched to the installed module and cassette

Operating limits *

Transmembrane pressure	−55 to +55 kPa (wastewater, MBR)
Operating pH	5.0 to 9.5
Cleaning pH	2.0 to 10.5
Maximum temperature	40 °C, operating and cleaning
Chlorine in cleaning	Maximum 1,000 ppm

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

Theway equivalent of

ZeeWeed 500EV modules	T-64M, R-16M and R-56M cassettes

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

- 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

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.

Binding terms. The only binding specification is Theway's written quotation and order acknowledgement. Supply is under Theway's Terms of Sale, which set out the warranty and limit Theway's liability. Except as stated there, Theway gives no warranty, express or implied, including merchantability or fitness for a particular purpose.

No liability for reliance. To the fullest extent permitted by law, Theway accepts no liability for any loss, damage, injury or cost arising from use of or reliance on this datasheet, or from misuse, incorrect installation, modification or use outside the stated limits, and no liability for indirect, incidental, special or consequential loss.

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.

Changes and versions. Theway may change designs and specifications without notice. This version supersedes all earlier versions; ask for the current version before ordering.

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