ION EXCHANGE
Refreshing the Planet

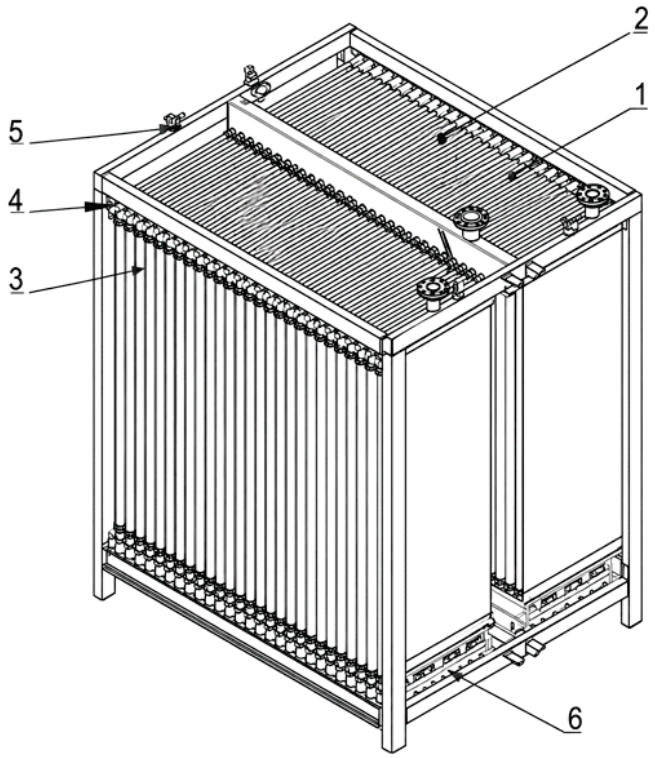
HYDRAMEM®
HIGH PERFORMANCE MEMBRANES

HYDRAMEM® MBR Membrane Cassette

HYDRAMEM® MBR Membrane Cassette is a submerged membrane assembly designed for efficient solid-liquid separation in MBR systems. Its modular configuration provides flexibility in membrane capacity and is suitable for municipal and industrial wastewater treatment applications.

Module Dimensions:

Cassette Dimensions			
Product	**Width (A) mm (in)**	**Length (B) mm (in)**	**Height (C) mm (in)**
4052	1,816 (71.49)	2,120 (83.46)	2,565 (100.98)
4020	738 (34.40)	1,655 (65.16)	2,565 (100.98)



1. Membrane Sheet
2. Aeration Pipe
3. Membrane Cassette
4. Frame
5. Lifting Lug
6. Connecting Manifold

Specifications:

Cassette Tie-Points & Weights						
Product	**Max. # of HM Modules**	**Mim. # of HM Modules**	**Permeate Connection**	**Air Connection**	**Max. Shipping Weight [1] kg (lb)**	**Lifting Weight [2] kg (lb)**
52M	52	26	1 x 6" Vert. Pipe	1 x 3" FNPT Half Couplings	1,892(4,172)	2,184 – 4,250 (4,816 – 9,370)
20M	20	10	2 x 4" FNPT Half Couplings	1 x 3" FNPT Haf Couplings	741 (1,634)	777 – 1,455 (1,713 – 3,208)

[1]Crated with maximum number of modules.
[2]Varies with number of modules and solids accumulation.

Important Information:

- For the recommended Flux range & Process guidelines, please follow this technical bulletin or call an application specialist. If the operating limits given in this product information bulletin are not strictly followed, the membrane warranty may get adversely affected.
- The customer is fully responsible for the effects of chemicals that are incompatible with the membrane modules.
- The installation of the membranes shall be in line with the P&ID and PFD given by Hydramem, to get any warranty claims.

HYDRAMEM® HIGH PERFORMANCE MEMBRANES is the registered trademark of Ion Exchange (India) Ltd.

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