

MBR UNIT

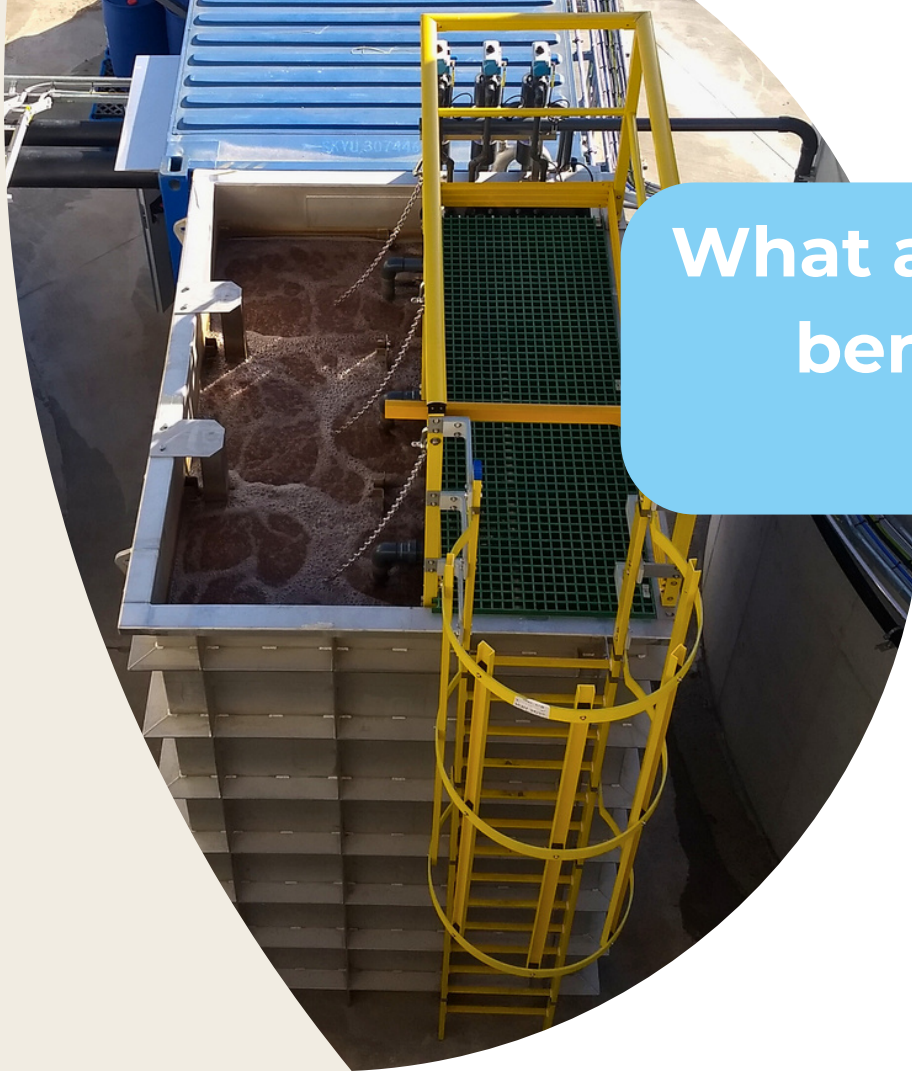
INFORMATION



*Discover our
mobile rental
solutions*



pantarein
WATER AT YOUR SERVICE



What are the key benefits of an MBR unit?

Upgrade of existing bioreactors

- Doubling the treatment capacity, without any civil works
- Improved effluent quality



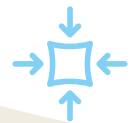
Implementation of water reuse

- MBR permeate for low grade reuse applications
- Ideal pre-treatment for an RO unit (drinking water)



Smaller footprint

- No clarifier or effluent tank
- Half the bioreactor volume



Containerized system

- Compact design
- Pre-assembled units
- Quick on-site installation
- Both rental and permanent systems
- Short delivery times



High degree of automation

- Online monitoring and operation of the unit
- Automated CIP unit



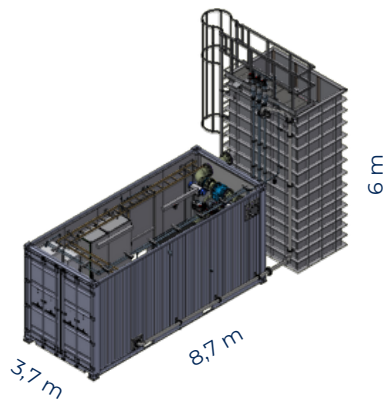
BFM technology

- Backwashable membrane (2 bar)
- SDI < 3
- Low energy consumption (0,4-0,5 kWh/m³)



Our different options

3 x 3

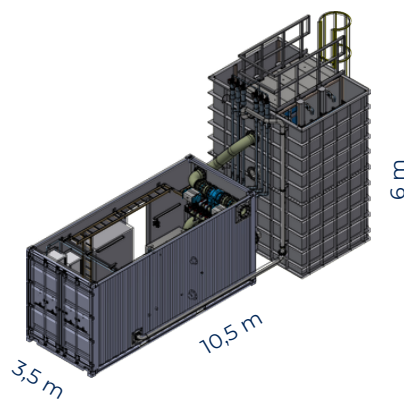


Capacity (range)
14 - 17 m³/h

Surface area
31 m²
3,7 x 8,7 m

Installed power
20 - 30 kW

6 x 3

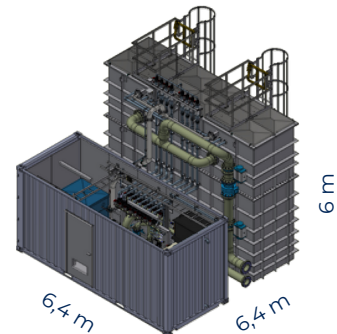


Capacity (range)
27 - 34 m³/h

Surface area
36 m²
3,5 x 10,5 m

Installed power
30 - 45 kW

8 x 3



Capacity (range)
36 - 45 m³/h

Surface area
39 m²
6,4 x 6,4 m

Installed power
40 - 60 kW

Why should you opt for Pantarein Water?

- **25 years of experience** in the construction and operation of water treatment systems
- **Internationally active** organization based in Belgium
- **25 submerged MBR systems** in operation
- **39 MBR systems in total** in operation
- **Tailor made operations** and/or maintenance contract is possible



Do you want to know more?

If you have any questions, please contact our sales engineer Floriaan. He will gladly help you and your company towards a more sustainable future.



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