



ProBlue

Encapsulated membranes




Model: ProBlue R0 – ProBlue UF – ProBlue NF

Encapsulated membranes ProBlue

Thanks to the experience gained over the years, Everblue has developed for medium/small installations an integrated system vessel + membrane called **ProBlue**.

ProBlue are ideal for the construction of reverse osmosis (RO), nanofiltration (NF) and ultrafiltration (UF) plants.

ProBlue encapsulated membranes ensure:

-  excellent quality and performance
-  quick and easy installation and maintenance
-  wide selection of different types of membranes

The encapsulated membranes (“all in one” vessel + membranes) **ProBlue** represent technically and economically the best solution currently available on the market for the construction of medium/small flow filtration plants.

Thanks to the undisputed uniqueness of **ProBlue**, installation (capex) and maintenance costs are drastically reduced compared to traditional installations.



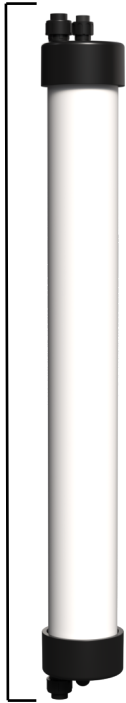
modular and customizable



Encapsulated membranes ProBlue

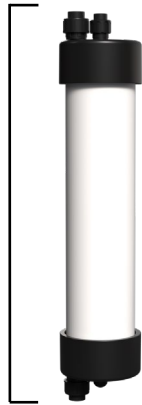
ProBlue encapsulated membranes are produced in three different lengths:

The ProBlue encapsulated membranes are:



1138 mm

ProBlue 40"
40" membrane



648 mm

ProBlue 21"
21" membrane



470 mm

ProBlue 14"
14" membrane



Modular

Possibility to be installed in batteries.



Advantageous

Reduced installation (capex) and maintenance costs.



Customizable

Customization of the label and/or membranes inside.

The various types of ProBlue

RO

ProBlue RO (reverse osmosis) encapsulated membranes are ideal for desalination of low salinity brackish water, for producing industrial water and drinking water. The membrane inside the **ProBlue RO** is low energy.



Diameter	Lenght	Area	Flow	Rejection
4"	14"	25 ft ²	850 gpd (3,22 m ³ /d)	98,5% (nominal) 97,5% (minimal)
4"	21"	45 ft ²	1600 gpd (6,06 m ³ /d)	98,5% (nominal) 97,5% (minimal)
4"	40"	105 ft ²	3700 gpd (14,0 m ³ /d)	98,8% (nominal) 98,0% (minimal)

UF

The encapsulated membranes **ProBlue UF** (ultrafiltration) are ideal for removing suspended solids, bacteria, viruses and colloids and for producing drinking water. The membrane inside the **ProBlue UF** is ultrafiltration.



Diameter	Lenght	Area	Flow	Micron
4"	21"	25 ft ²	950 gpd (3,6 m ³ /d)	0,02 µm
4"	40"	65 ft ²	2280 gpd (8,64 m ³ /d)	0,02 µm

NF

The encapsulated membranes **ProBlue NF** (nanofiltration) are ideal for desalination of low salinity brackish water and for producing drinking water. The membrane inside the **ProBlue NF** is nanofiltration. The process of nanofiltration is applied in the purification of drinking water , softening, bleaching and removal of micropollutants.



Diameter	Lenght	Area	Flow	Rejection
4"	40"	85 ft ²	3000 gpd (11,4 m ³ /d)	45-55%

More info



ProBlue RO



ProBlue UF



ProBlue NF

Contact Us



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