

ESPRESSO

SMALL line

ULTRAFILTRATION - SEA & BRACKISH WATER
package solution - plug'n'play system



protecno
WATER TREATMENT PLANTS & SYSTEMS



UF unit + dosing unit + post treatment

ESPRESSO

The innovative modular system of Protecno Srl.

Efficient and practical solution for the purification of sea and brackish water.

The package contains the whole ultrafiltration plant, electrical control and the necessary hardware to monitor the system operation.

The ultrafiltration unit can be implemented with post treatment, dosing unit, reverse osmosis and photovoltaic panels.

Transportability, modularity and easy connection, make it a versatile product that can be installed quickly.

UF UNIT



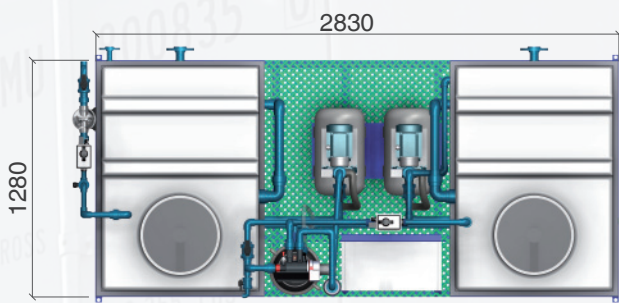
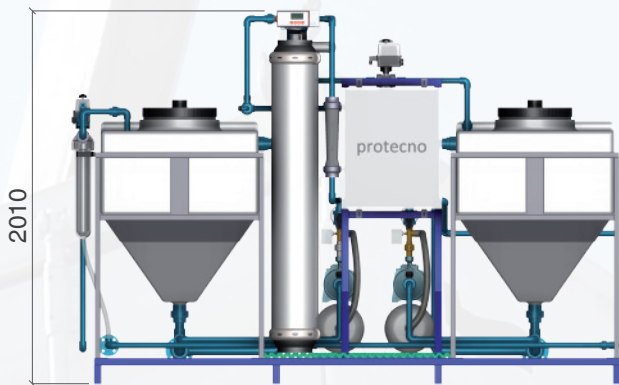
PLUG 'n' PLAY



MODULAR SYSTEM



TECHNICAL FEATURES



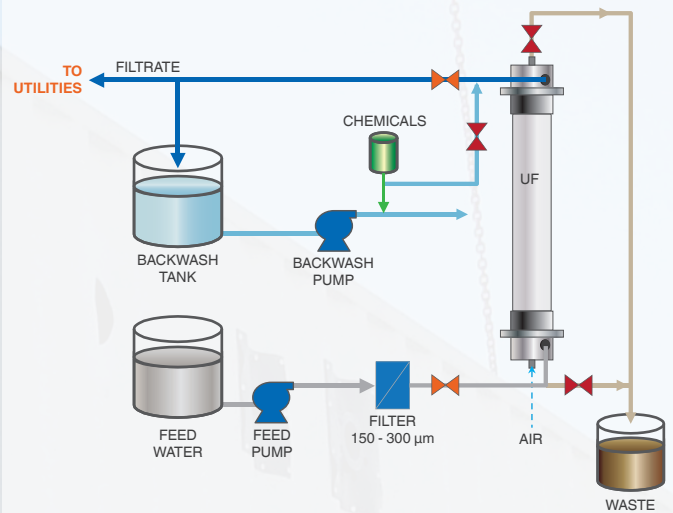
scale 1:40

SEA or BRACKISH WATER

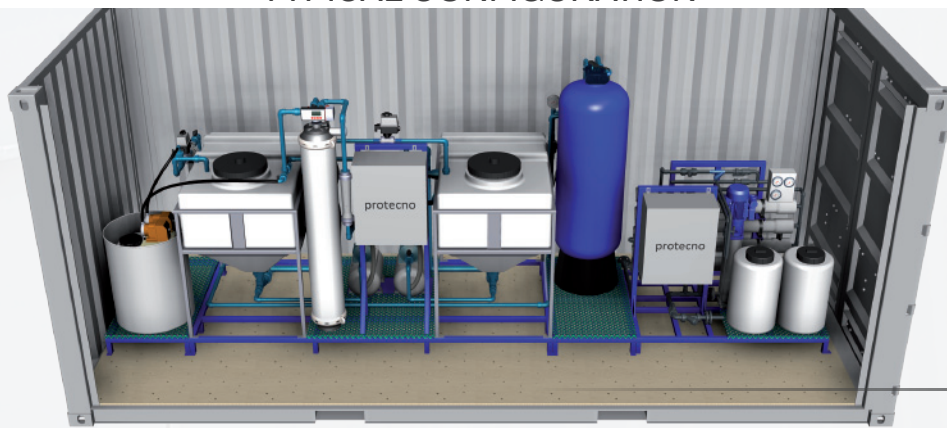
*CAPACITY per UF unit	< 2.5 m ³ /h	< 13.2 gpm
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*Raw water conditions:

lmh = 65; t = 1÷45 °C; Pmax = 5 bar; SDI < 3;
turbidity < 300 NTU; suspended solids < 100 mg/l



TYPICAL CONFIGURATION



20 ft container

DOSING UNIT

(implementation)



REVERSE OSMOSIS



POST-TREATMENT

(implementation)



PHOTOVOLTAIC PANELS





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