

SKID PRETREATMENT HIDRO-PRETREAT SERIES

HIDRO-PRETREAT series pretreatment skids are the perfect solution for physically and chemically conditioning the water fed to B series osmosis systems, efficiently and effectively protecting their membranes. HIDRO-PRETREAT series skids are designed to be easily assembled with B series osmosis systems through simple hydraulic and electrical interconnections.

The pretreatment equipment will be installed on a 304 stainless steel structure, except for the dosing tanks.

The choice of the appropriate HIDRO-PRETREAT skid will depend on the type of water to be treated and the B series osmosis model selected.

REQUIREMENTS

- Electrical voltage: 220 – 240 VAC – 50 Hz
 - Supply pressure: 3 – 5 Bar
 - Working temperature: 10 – 35°C
 - Turbidity:
 - < 5 NTU for tap water
 - < 10 NTU for well water
- Aluminum: < 0.05 mg/L
 - Iron: 0 mg/L
 - Manganese: 0 mg/L

CODE	MODEL	PRE-FILTER	WATER SOFTENER*	DECLORINATOR**	SUITABLE FOR:
PRO-1002-01	HIDRO-PRETREATED-SOFT01	NW 25	TWIN 40X2	50 L	RO-B140-LP/MP
PRO-1002-02	HIDRO-PRETREATED-SOFT02	NW 25	TWIN 60X2	80 L	RO-B240-LP/MP
PRO-1002-03	HIDRO-PRETREATED-SOFT03	NW 25	TWIN 80X2	80 L	RO-B340-LP/MP

CODE	MODEL	PRE-FILTER	DECLORADOR**	CHEMICALS	SUITABLE FOR:
PRO-1004-01	HIDRO-PRETREAT-CHEM01	NW 25	50 L	2 x PVDF2 2 x DEP100 L	RO-B140-LP/MP
PRO-1004-02	HIDRO-PRETREAT-CHEM02	NW 25	80 L	2 x PVDF2 2 x DEP100 L	RO-B240-LP/MP RO-B340-LP/MP
PRO-1004-03	HIDRO-PRETREAT-CHEM03	NW 25	125 L	2 x PVDF2 2 x DEP100 L	RO-B440-LP/MP RO-B640-LP/MP
PRO-1004-04	HIDRO-PRETREAT-CHEM04	NW 32	170 L	2 x PVDF2 2 x DEP100 L	RO-B940-LP/MP
PRO-1004-05	HIDRO-PRETREAT-CHEM05	NW 32	200 L	2 x PVDF2 2 x DEP100 L	ROB-1240-LP/MP

CODE	MODEL	TURBIDEX	DETECTION CHLORINE	CHEMICALS	SUITABLE FOR:
PRO-1004-06	HIDRO-PRETREAT-CHEM06	18"	REDOX INSTRUMENT	2 x PVDF2 2 x DEP200L	RO-B280-LP/MP
PRO-1004-07	HIDRO-PRETREAT-CHEM07	21"	REDOX INSTRUMENT	2 x PVDF2 2 x DEP200L	RO-B380-LP/MP
PRO-1004-08	HIDRO-PRETREAT-CHEM08	24"	REDOX INSTRUMENT	2 x PVDF2 2 x DEP200L	RO-B480-LP/MP
PRO-1004-09	HIDRO-PRETREAT-CHEM09	30"	REDOX INSTRUMENT	2 x PVDF2 2 x DEP200L	RO-B680-LP/MP RO-B980-LP/MP

* The water softener design is based on the assumption of a raw water hardness of 50°F.
** The dechlorinator design has been carried out assuming a free chlorine concentration in raw water of less than 1 mg/l.
NOTE: Depending on the analysis of the raw water, it may be necessary to complete the HIDRO-PRETREAT skids with some other auxiliary pretreatment; to confirm the correct choice of the HIDRO-PRETREAT skids, contact our technical department for a complete analysis of the water.



TAP WATER

CHLORINATED WELL WATER

CODE	MODEL	TURBIDEX	WATER SOFTENER*	DECLORINATOR**	SUITABLE FOR:
PRO-1002-04	HIDRO-PRETREATED-SOFT04	10"	TWIN40X2	50 L	RO-B140-LP/MP
PRO-1002-05	HIDRO-PRETREATED-SOFT05	13"	TWIN60X2	80 L	RO-B240-LP/MP
PRO-1002-06	HIDRO-PRETREATED-SOFT06	13"	TWIN80X2	80 L	RO-B340-LP/MP

CODE	MODEL	TURBIDEX	DECLORINATOR**	CHEMICALS	SUITABLE FOR:
PRO-1004-10	HIDRO-PRETREATED-CHEM10	10"	50 L	2 x PVDF2 2 x DEP100 L	RO-B140-LP/MP/HP
PRO-1004-11	HIDRO-PRETREAT-CHEM11	13"	80 L	2 x PVDF2 2 x DEP100 L	RO-B240-LP/MP/HP RO-B340-LP/MP/HP
PRO-1004-12	HIDRO-PRETREAT-CHEM12	13"	125 L	2 x PVDF2 2 x DEP100 L	RO-B440-LP/MP/HP
PRO-1004-13	HIDRO-PRETREATED-CHEM13	16"	125 L	2 x PVDF2 2 x DEP100 L	RO-B640-LP/MP/HP
PRO-1004-14	HIDRO-PRETREATED-CHEM14	18"	170 L	2 x PVDF2 2 x DEP100 L	RO-B940-LP/MP/HP
PRO-1004-15	HIDRO-PRETREATED-CHEM15	18"	200 L	2 x PVDF2 2 x DEP100 L	RO-B1240-LP/MP/HP

CODE	MODEL	TURBIDEX	CHLORINE DETECTION	CHEMICALS	SUITABLE FOR:
PRO-1004-06	HIDRO-PRETREAT-CHEM06	18"	REDOX INSTRUMENT	2 x PVDF2 2 x DEP200 L	RO-B280-LP/MP/HP
PRO-1004-07	HIDRO-PRETREAT-CHEM07	21"	REDOX INSTRUMENT	2 x PVDF2 2 x DEP200 L	RO-B380-LP/MP/HP
PRO-1004-08	HIDRO-PRETREAT-CHEM08	24"	REDOX INSTRUMENT	2 x PVDF2 2 x DEP200 L	RO-B480-LP/MP/HP
PRO-1004-09	HIDRO-PRETREAT-CHEM09	30"	REDOX INSTRUMENT	2 x PVDF2 2 x DEP200 L	RO-B680-LP/MP/HP RO-B980-LP/MP/HP

WELL WATER WITHOUT CHLORINE

CODE	MODEL	TURBIDEX	WATER SOFTENER*	SUITABLE FOR:
PRO-1002-07	HIDRO-PRETREATED-SOFT07	10"	TWIN40X2	RO-B140-LP/MP
PRO-1002-08	HIDRO-PRETREAT-SOFT08	13"	TWIN60X2	RO-B240-LP/MP
PRO-1002-09	HIDRO-PRETREATED-SOFT09	13"	TWIN80X2	RO-B340-LP/MP

CODE	MODEL	TURBIDEX	CHEMICALS	SUITABLE FOR:
PRO-1004-16	HIDRO-PRETREATED-CHEM16	10"	2 x PVDF2 + 2 x DEP100 L	RO-B140-LP/MP/HP
PRO-1004-17	HIDRO-PRETREAT-CHEM17	13"	2 x PVDF2 + 2 x DEP100 L	RO-B240-LP/MP/HP RO-B340-LP/MP/HP RO-B440-LP/MP/HP
PRO-1004-18	HIDRO-PRETREAT-CHEM18	16"	2 x PVDF2 + 2 x DEP100 L	RO-B640-LP/MP/HP
PRO-1004-19	HIDRO-PRETREAT-CHEM19	18"	2 x PVDF2 + 2 x DEP100 L	RO-B940-LP/MP/HP RO-B1240-LP/MP/HP
PRO-1004-20	HIDRO-PRETREAT-CHEM20	18"	2 x PVDF2 + 2 x DEP200 L	RO-B280-LP/MP/HP
PRO-1004-21	HIDRO-PRETREATED-CHEM21	21"	2 x PVDF2 + 2 x DEP200 L	RO-B380-LP/MP/HP
PRO-1004-22	HIDRO-PRETREATED-CHEM22	24"	2 x PVDF2 + 2 x DEP200 L	RO-B480-LP/MP/HP
PRO-1004-23	HIDRO-PRETREAT-CHEM23	30"	2 x PVDF2 + 2 x DEP200 L	RO-B680-LP/MP/HP RO-B980-LP/MP/HP

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FT-EN-ROSKID PRETRAT-PRO-100X-XX-FL25V01