



TF-1400-224/50-18

The filter vessel is designed to remove particles from liquids. The (max.) allowed flow rate depends on the dirt load, type of fluid and pollution. The filter is designed for On-shore purposes.

DESALINATION PLANTS WORLDWIDE

Seawater is desalinated in order to be converted to fresh water suitable for human consumption. Most of the modern interest in desalination is focused on developing cost-effective ways of providing fresh water for human use in regions where the availability of freshwater is limited.

Twin Filter manufactures several type of filter housings including the cartridges for pre-filtration of the main membrane assembly.



OPTIONS

- 304/316 stainless steel/carbon steel
- Internal rubber lining
- Ceramic coating
- Filter cassette or fixed filter plate
- Horizontal or vertical lay-out
- Cover with davit
- In/Outlet connection type or different dimension
- In-Line or L-type lay-out

TECHNICAL SPECIFICATIONS

Dimensions cartridge vessel (D x H)	Ø1400 x 2755 mm
Weight empty	2350 kg
Maximum recommended flow rate	1247 m ³ /hr
Maximum working pressure	12.5 bar
Maximum working temperature	50°C
Design pressure	12.5 bar
Design temperature	0 - 50°C
Material vessel	CS A516 Gr 60 - Rubber lined
Vent-, drain- and sample points	50 mm ANSI B16.5 Class 150, F.F. 100 mm ANSI B16.5 Class 300, F.F
Maximum allowable diff. pressure	2.0 bar over the cartridges
Inlet & Outlet	450 mm ANSI B16.5 Class 300, F.F
Number of cartridges per vessel	224 x Ø 65mm
Type of filter cartridges	50" Plug-in type 2OS=222'O'-ring/spear
Packing details standard cartridges	20 cartridges per box 300 cartridges per pallet.

