

# HFTS-7090

Normal grade UF element for Portable water & RO pretreatment

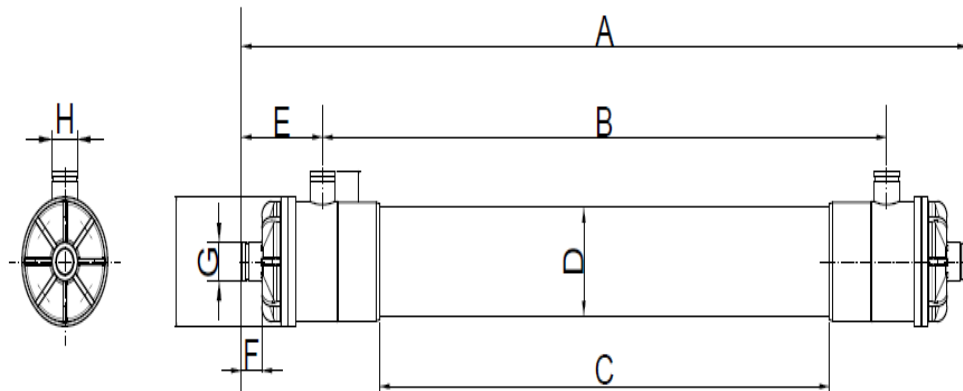
CSM®

## SPECIFICATIONS:

<b>General Features</b>	<b>Membrane material:</b>	PVDF(polyvinylidene fluoride)
	<b>Membrane area:</b>	60 m <sup>2</sup> (646 ft <sup>2</sup> )
	<b>Membrane Pore Size:</b>	0.05 μm
	<b>Housing Construction:</b>	U-PVC
	<b>Seal:</b>	Polyurethane
	<b>Filtration type:</b>	Dead-end / Cross flow
	<b>Filtration method:</b>	Pressure driven filtration

## Dimensions

	A	B	C	D	E	F	G	H
SI(mm)	1950	1463.6	1120	216	243.2	61	65A	65A
US(inch)	76.77	57.62	44.09	8.50	9.57	2.40	2.50	2.50



## Operating Information

<b>Permeate flow rate:</b>	2.0~ 7.2 m <sup>3</sup> /hr (8.8 ~ 31.7 gpm)
<b>Maximum inlet pressure:</b>	3 kgf/ cm <sup>2</sup> (43 psi)
<b>Maximum operating TMP:</b>	2 kgf/ cm <sup>2</sup> (28 psi)
<b>Temperature:</b>	1 ~ 40 °C
<b>pH Range:</b>	1 ~ 12
<b>NaOCl(max) :</b>	2,000 mg/L
<b>TSS(max) :</b>	100 mg/L
<b>Turbidity(max) :</b>	200 NTU
<b>Particle size(max) :</b>	300 μm
<b>Filtrate Turbidity :</b>	< 0.1 NTU
<b>Filtrate SDI :</b>	< 2.5

Woongjin Chemical Co., Ltd.

For more information on our products, company and regional contacts, please visit our website at [www.csmfilter.com](http://www.csmfilter.com).

Product Specification Sheet / Model HFTS 7090

Page 1 of 2

## GENERAL HANDLING PROCEDURES

- Elements contained in the boxes must be stored indoors at room temperature (10–25°C; 50–77°F) and must not be exposed to direct sunlight at all times.
- Preservative solutions for the elements should be stored at conditions so that preservative solutions will not leak and prohibiting it from freezing and evaporation

## STORAGE CONDITIONS BEFORE USAGE

- New elements that are not opened and have preservative solutions intact can be stored up to 3 months.
- If the storage time extends more than 3 months, more caution is required in storing the elements. Bacteria proliferation on the membrane surface or dry membrane surface may cause the membrane to be clogged. Therefore periodic inspection of the element storage condition is needed.

## STORAGE CONDITIONS DURING USAGE

- Residual fluids in the pipe must be discharged.
- Pure water should be used for cleaning procedure.  
Using warm water will be more effective in cleaning than using cold water.
- Repetitive flushing will eliminate foreign substance in the pipe and the membrane.
- When removing a module from a system and conducting long term storage, 0.1% formalin or 50 ppm NaOCl should be injected to the module.  
This procedure should be conducted so the element has no contact with the outside air by closing the cover.