

E SERIES | EW Elements

Microfiltration

Pre/Pretreatment for RO/NF

The E-Series family consists of microfiltration elements utilizing polysulfone membrane.

The EW family of elements should be selected when pretreatment is in need to keep an RO or a Nanofiltration system running. EW will remove suspended solids and other known foulants.

EW Microfiltration elements feature a tape or fiberglass outer wrap and standard feed spacers.

ELEMENT SPECIFICATIONS

MODEL	PORE SIZE MICRON	ACTIVE AREA FT ² (m ²)
EW4025T	0.04	55 (5.1)
EW4026F	0.04	50 (4.6)
EW4040F	0.04	85 (7.9)
EW4040T	0.04	85 (7.9)
EW8040F	0.04	370 (34.4)

OPERATING AND DESIGN PARAMETERS

TYPICAL OPERATING PRESSURE	TYPICAL OPERATING PROCESS FLUX	MAXIMUM TEMPERATURE	RECOMMENDED pH	CHLORINE TOLERANCE
30-150 psig (207-1,034 kPa)	Pre treatment 10-30 GFD (15-50 LMH) Post treatment 10-40 GFD (15-70) LMH	122°F (50°C)	Operating pH Range: 2.5-11.0 Cleaning pH Range: 2.0-11.5	5,000+ ppm days



E SERIES | EW Elements

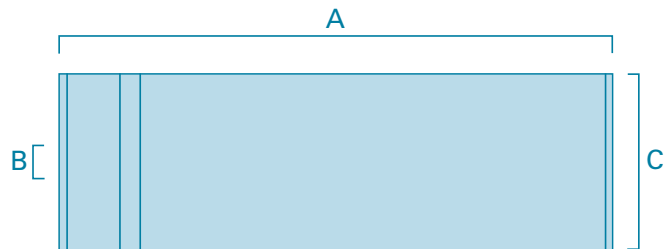
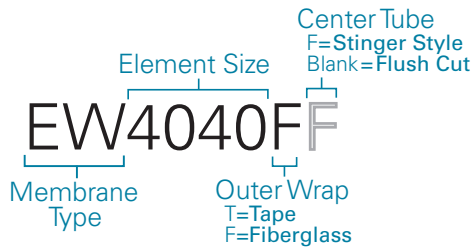
Microfiltration

Pretreatment for RO/NF

MAXIMUM PRESSURE DROP	ELEMENTS PER PRESSURE VESSEL				
	1	2	3	4	5
ΔP - psig (kPa)	10 (69)	20 (138)	30 (207)	40 (276)	50 (345)

ELEMENT DIMENSIONS AND WEIGHT

MODEL NUMBER LEGEND



MODEL	DIMENSIONS INCHES(MM)			DRY BOXED
	A	B	C	WEIGHT LBS (KG)
EW4025T	25.00 (635)	0.625 (16)	3.88 (99)	5 (2.3)
EW4026F	26.25 (667)	0.625 (16)	3.88 (99)	6 (2.7)
EW4040F	40.00 (1016)	0.625 (16)	3.88 (99)	12 (5.5)
EW4040T	40.00 (1016)	0.625 (16)	3.88 (99)	12 (5.5)
EW8040F	40.00 (1016)	1.125 (29)	7.88 (200)	32 (14.5)

