

1" CONFIGURATIONS - SPECIFICATIONS

TECHNICAL SPECIFICATIONS

Model	PF-SOF1-SIM / PF-SOF1-ALT / PF-SOF1-PRL				
	25	50	75	100	150
Resin (Ltr)					
Operating pressure min/max (bar)	1,4/8,3				
Operating temperature min/max (°C)	2/48				
Electrical connection (V/Hz)	230/50 ⁽¹⁾				
Max. power consumption (VA) simplex / duplex	12/2x18				
Hydraulic connection inlet/outlet	1" BSP Male				
Hydraulic connection drain	13 mm hose barb				
Hydraulic connection brine tank	3/8" compression fitting				
Pressure tank	10x35	12x48	13x54	14x65	16x65

⁽¹⁾ supplied with 24V transformer

PERFORMANCES @3 bar operating pressure⁽²⁾

Model	PF-SOF1-SIM				
	25	50	75	100	150
Resin (Ltr)					
Nominal exchange capacity (m ³ x°f)	138	275	413	550	825
Nominal exchange capacity (m ³ x°d)	78	155	233	310	465
Service flow rate@Δp 1 bar (m ³ /hr)	3,4	3,4	3,5	3,5	3,6
Salt usage per regeneration (kg)	3,8	7,5	11,3	15,0	22,5
Rinse water usage per regeneration (Ltr)	165	285	400	540	780

Model	PF-SOF1-ALT				
	2x25	2x50	2x75	2x100	2x150
Resin (Ltr)					
Nominal exchange capacity (m ³ x°f)	275	550	825	1100	1650
Nominal exchange capacity (m ³ x°d)	155	310	465	620	930
Service flow rate @Δp 1 bar (m ³ /hr)	3,4	3,4	3,5	3,5	3,6
Salt usage per regeneration (kg)	7,5	15,0	22,5	30,0	45,0
Rinse water usage per regeneration (Ltr)	330	570	800	1080	1560

Model	PF-SOF1-PRL				
	2x25	2x50	2x75	2x100	2x150
Resin (Ltr)					
Nominal exchange capacity (m ³ x°f)	275	550	825	1100	1650
Nominal exchange capacity (m ³ x°d)	155	310	465	620	930
Service flow rate@Δp 1 bar (m ³ /hr)	6,7	6,8	7,0	7,0	7,2
Salt usage per regeneration (kg)	7,5	15,0	22,5	30,0	45,0
Rinse water usage per regeneration (Ltr)	330	570	800	1080	1560

⁽²⁾ Indicative numbers, performances depending on operating conditions and water quality

DIMENSIONS

Model	PF-SOF1-SIM				
	25	50	75	100	150
Resin (Ltr)					
Width (mm) (W)	264	311	338	365	415
Depth (mm) (D)	282	311	338	365	415
Depth, incl. factory bypass (mm) (D)	371	376	389	403	428
Height (mm) (H)	1059	1394	1560	1836	1833

Model	PF-SOF1-ALT / PF-SOF1-PRL				
	2x25	2x50	2x75	2 x100	2x150
Resin (Ltr)					
Width (mm) (W) ⁽³⁾	613	707	761	815	915
Depth (mm) (D)	405	410	436	463	513
Height (mm) (H)	1059	1394	1560	1836	1833

⁽³⁾ Based on 85 mm spacing between pressure tanks

Model names	
PF-SOF-1-SIM	ProFlow - Water Softener 1 inch - Simplex
PF-SOF-1-ALT	ProFlow - Water Softener 1 inch - Duplex Alternating
PF-SOF-1-PAR	ProFlow - Water Softener 1 inch - Duplex Parallel

