



TECHNICAL SHEET

PACKAGED PRODUCTS

RIVERSOFT SOFTENER PLATFORM





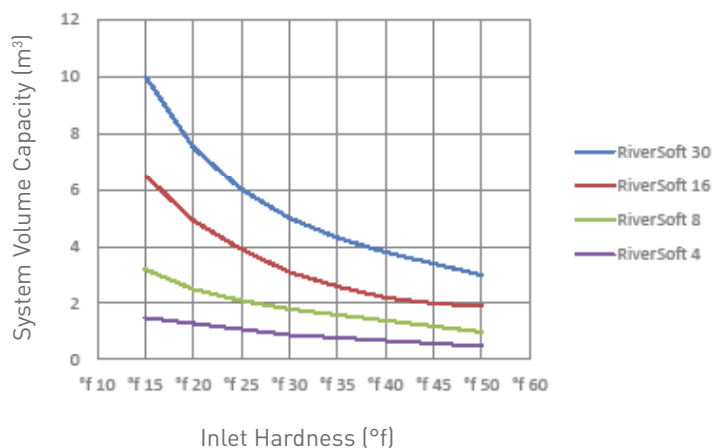
RIVERSOFT SOFTENER PLATFORM 4/8/16/30



TECHNICAL CHARACTERISTICS

- Assembled with 100% Pentair components
- Includes Autotrol 367 meter valve down flow
- Simple 3-step programming for time, hardness and salt settings
- 7-cycle high efficiency regeneration
- Inlet/Outlet connections: 3/4 inch – BSPT, male
- Drain line connection: 1/2 inch – BSPT, male
- Power requirements: 220 VAC/50 Hz
- Water pressure range: 1.5-8 bar
- Water temperature range: 2-38°C
- Dow HCRS acid cationic strong resin
- RiverSoft 8/16/30
 - Cabinet body: made in polyethylene low density
 - HP Cover: made in polystyrene, available in blue or white
 - ACS certified
- RiverSoft 4
 - Cabinet body: made in ABS
 - HP Cover: not available
- All raw materials are Rohs certified

SOFTENER VOLUME CAPACITY CHART



TECHNICAL SPECIFICATIONS

Characteristics	RiverSoft 4		RiverSoft 8		RiverSoft 16		RiverSoft 30	
	SA01WKW06A368-001	SA01WKW06A368-BP1	SD01WYW08A368-001	SD01WYW08A368-BP1	SF01WYW07A368-001	SF01WYW07A368-BP1	SF11WYW10A368-001	SF11WYW10A368-BP1
Resin liters (L)	3.5		8.0		16.0		30.0	
Nominal flow rate (m ³ /h)*	0.14		0.32		0.64		1.0	
Peak flow rate (m ³ /h)*	0.21		0.40		0.96		1.5	
Exchange capacity (°f/m ³)	21.0		48.1		96.3		150.3	
Salt consumption per regeneration (kg)	0.42		0.96		1.92		3.0	
Water consumption per regeneration (L)**	26.0		47.0		117.0		123.0	
Salt storage (kg)	6.0		25.0		50.0		50.0	
Width (cm)	17.8		31.0		31.0		31.0	
Depth (cm)	35.7		43.5		43.5		43.5	
Height (cm)	43.5		68.0		113.5		113.5	
Approx. ship weight (kg)	5.0		10.0		16.0		27.0	
Bypass	No	Yes	No	Yes	No	Yes	No	Yes

Note: All the calculations are based on salt dosage setting of 120g/L.

* Indicatives data. Maximum flow rate to produce in order to respect the required service velocity for an optimal ion exchange, independent from the inlet pressure.

** Values may vary upon local condition and programming. Consumption for RiverSoft 4 and RiverSoft 8 are given for system u3 program.

Consumption for RiverSoft 16 and RiverSoft 30 are given for a system u4 programmed. All consumptions are given for an inlet pressure of 3.44 bar (50 psi).



Contact us:

By mail

Commercial support

commercial.prfemea@pentair.com

Technical support

techsupport.water@pentair.com

Marketing support

marketing.prfemea@pentair.com

By phone

Tel. +41 21 623 69 69

BIG WHITE WITH BYPASS FILTER HOUSINGS



Pentair Big White[®] Filter Housings with Bypass offer caps that include a built-in bypass valve for easy cartridge change-outs, eliminating the need to shut off the water supply. You can easily switch from filter position to bypass by turning the large control knob a half turn. The High Flow Polypropylene (HFPP) cap is available in 1" NPT inlet and outlet ports. These housings have the versatility to meet all of your large capacity filtration needs, including high-flow and heavy sediment applications.

The extra-large housing allows for greater cartridge capacity, reducing the number of vessels required for high flow applications. Sumps are available in both 10" and 20" lengths.

FEATURES/BENEFITS

1/2 turn valve allows you to go from filtered to non-filtered water

Large capacity housing suitable for high flow applications

10" and 20" Big White housings with bypass on cap

Available with 1" NPT

Pressure relief button on cap

SPECIFICATIONS

Housing – Polypropylene

Cap – Polypropylene (HFPP)

O-Ring – EPDM

Temperature Rating-
40-100°F (4.4-37.8°C)

Maximum Pressure-
10" : 100 psi (6.9 bar)
20" : 90 psi (6.2 bar)

SPECIFICATIONS AND PERFORMANCE

PART #	DESCRIPTION	MAXIMUM DIMENSIONS	INITIAL ΔP (PSI) @ FLOW RATE (GPM)
655106	1" #10 BB WH/WH w/bypass	16.61" x 7.16" (422 x 182 mm)	1 psi @ 15 gpm (0.07 bar @ 57 Lpm)
655107	1" #20 BB WH/WH w/bypass	26.90" x 7.16" (683 x 182 mm)	1 psi @ 15 gpm (0.07 bar @ 57 Lpm)

CAUTION: Protect against freezing to prevent cracking of the filter and water leakage.

ACCESSORIES

PART #	DESCRIPTION
150296	SW-3 Wrench for 10"
SH144368	SW-4 wrench for 20"
SH144229	Cartridge coupler for 4.5" cartridges
151122	EPDM O-ring for Big White
244994	BWB-UB-KIT Bracket



13845 BISHOPS DR., SUITE 200, BROOKFIELD, WI 53005 USA
P: 262.238.4400 | WATERPURIFICATION.PENTAIR.COM
CUSTOMER CARE: 800.279.9404 | tech-supportpentair.com
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