

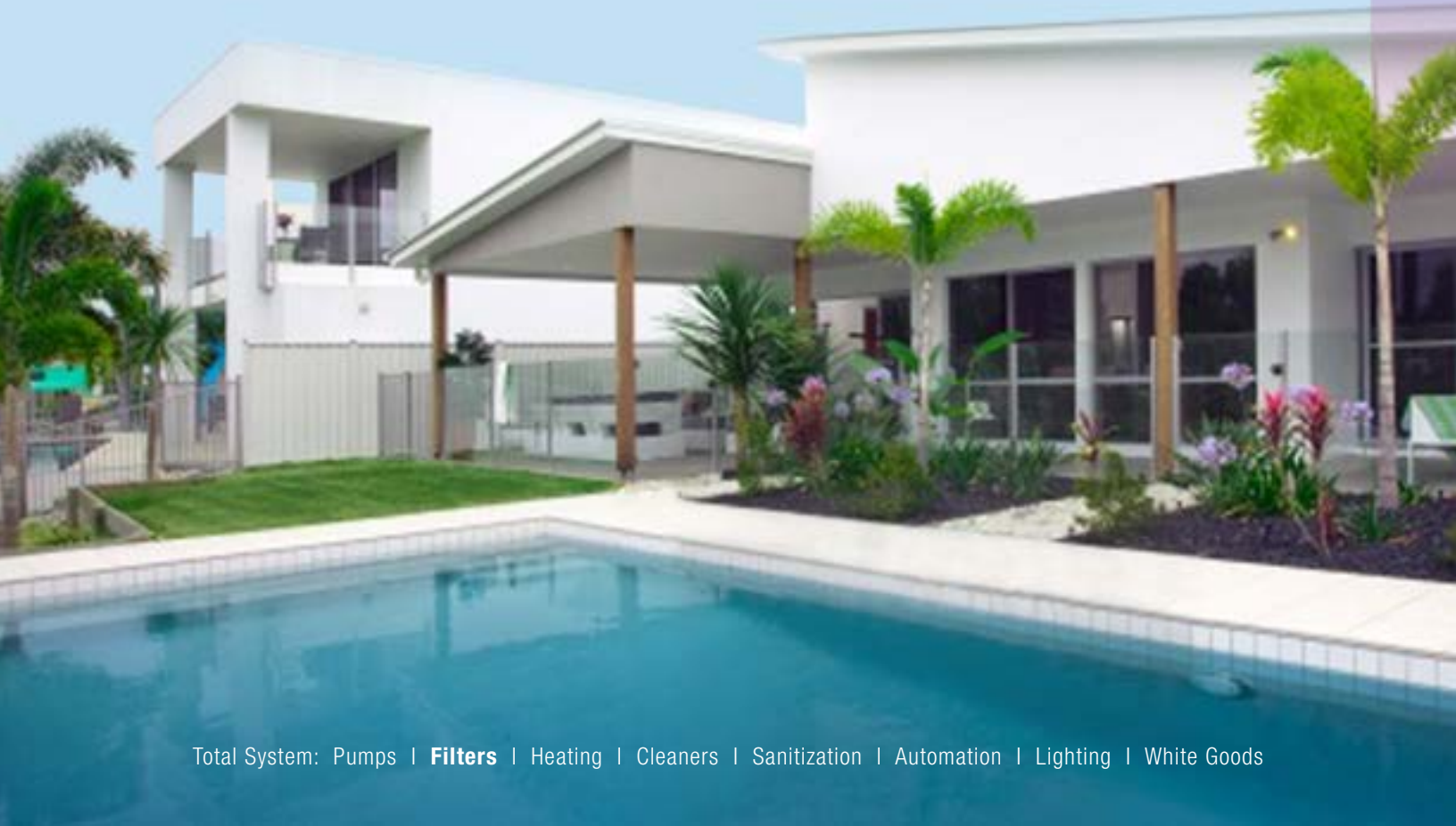


SwimClear™

CARTRIDGE FILTER

The industry's most efficient filter. Clearly.

SwimClear single element filters are simply the most efficient single element cartridge filters ever produced. They capture more dirt for superior water clarity without the need of supplemental media while the industry's lowest head loss can increase energy savings. SwimClear is also the easiest to service: the Easy-Lok™ ring design, ergonomic grip handles, and lowest lift height provide fast cleaning and element replacement. For energy savings, reliable performance and cleaner, purer water, the choice is crystal clear: SwimClear.



The efficiency you need, the convenience you deserve.

SwimClear™ Cartridge Filters features and benefits:

Superior efficiency – Captures more dirt for superior water clarity without the need of any supplemental media.

Increased energy savings – Greater efficiency allows pump to run at lower speeds or less time, reducing energy needs and passing cost savings on to you.

Ease of service – Quick access to internal components for simple maintenance.

Ease of installation – Offers perfect alignment with Hayward® variable-speed pumps for the ultimate in energy efficiency.

- Ergonomic grip handles – Provides easy installation and maintenance and ensures no contact with fiberglass-based surfaces.
- Lowest body height – Makes for convenient, fast cleaning and replacement.
- Recessed pressure gauge and manual air relief – Delivers head assembly convenience and head seal contamination protection.
- 2" x 2.5" Union Connections makes installation and servicing fast and easy.

SPECIFICATIONS – SWIMCLEAR CARTRIDGE FILTERS

FILTER TYPE	Cartridge Element: 100 ft ² 150 ft ² 200 ft ² (9.29 m ² 13.94 m ² 18.58 m ²)
FILTER TANK	High-Strength, Injection-Molded durable glass reinforced copolymer
FILTER ELEMENT	Reinforced Polyester
PERFORMANCE RANGE	100 to 120 GPM, 379 to 455 LPM
DIMENSIONS	C100S: 30½" H x 18 ¼ W** (775 mm x 464 mm*) C150S: 33¾" H x 18 ¼ W** (857 mm x 464 mm*) C200S: 38¾" H x 18 ¼ W** (984 mm x 464 mm*)

NOTE: *Based on lock ring—width at base is 13" (330mm).


Easy to clean
cartridge elements



PERFORMANCE DATA

MODEL NUMBER	EFFECTIVE FILTRATION AREA		DESIGN FLOW RATE**		TURNOVER			
	ft ²	m ²	GPM	LPM	GALLONS		KILOLITERS	
					8 hrs.	10 hrs.	8 hrs.	10 hrs.
RESIDENTIAL								
C100S	100	9.29	100	379	48,000	60,000	182	227
C150S	150	13.94	120	455	57,600	72,000	218	273
C200S	200	18.58	120	455	57,600	72,000	218	273
PUBLIC								
C100S	100	9.29	38	142	18,240	22,800	68	85
C150S	150	13.94	56	213	26,880	33,600	102	128
C200S	200	18.58	75	284	36,000	45,000	136	170

**Determined by pump size and piping system hydraulics; 2" piping is recommended for flow rates of 90 GPM (341 LPM).
Public Design Flow rates based on 0.375 GPM/ft² (15.26 LPM/m²)

SwimClear Filters are listed by: 

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To take a closer look at other Hayward products, go to hayward.com or call 1-888-HAYWARD.



Hayward's StarClear Plus filters offer quality, value and convenience in cartridge filtration. Because of their durable construction, they can handle the most demanding applications and environmental conditions. The precision engineered core provides extra strength and maximum flow. StarClear Plus filters deliver proven performance and value.

Applications

- In-ground pools
- In-ground pool/spa combinations

Features

- Filter tanks made from durable glass reinforced co-polymer material to meet the demands of the toughest applications and environmental conditions, including in-floor cleaning systems
- Single piece injection-molded base and body provides added strength for reliable, corrosion-free performance
- Single locking knob securely fastens head to filter tank, eliminating bolts or clamps
- Extra-large cartridge element with precision engineered core provides extra-strength and maximum flow
- Elevated, filtered water collector and debris sump prevents accidental by-pass of heavy debris to pool when cartridge is removed for cleaning
- 1 ½" or 2" FIP connections for plumbing versatility
- ½" FIP filter drain for fast draining. Also accepts standard spigot valve

Performance Data – Residential

Model Number	Effective Filtration Area	Design Flow Rate*	Turnover (In Gallons)	
			8 Hours	10 Hours
C751	75 ft. ²	75 GPM	36,000	45,000
C900	90 ft. ²	90 GPM	43,200	54,000
C1200	120 ft. ²	120 GPM	57,600	72,000
C17502	175 ft. ²	120 GPM	57,600	72,000

Residential Design Flow Rate based on 1 GPM/ft.²

Performance Data – APSP-15

Model Number	Effective Filtration Area	Design Flow Rate*	Turnover (In Gallons)	
			8 Hours	10 Hours
C751	75 ft. ²	28 GPM	13,500	16,875
C900	90 ft. ²	34 GPM	16,200	20,250
C1200	120 ft. ²	45 GPM	21,600	27,000
C17502	175 ft. ²	66 GPM	31,680	39,600

APSP-15 Design Flow Rate based on .375 GPM/ft.²

*Determined by pump size and piping system hydraulics. 2" piping is recommended for flow rates above 90 GPM. Refer to "Friction Loss" in Hydraulics section, pages 26–29.



C900 StarClear Plus Filter

StarClear Plus Cartridge Filter Buying Guide

Model Number	Effective Filtration Area	Pipe Size	Dimensions		Ctn. Qty.	Ctn. Weight
			Width	Height		
C751	75 ft. ²	1 ½" FIP	13 ¾"	30"	1	26 lbs.
C7512	75 ft. ²	2" FIP	13 ¾"	30"	1	26 lbs.
C900	90 ft. ²	1 ½" FIP	13 ¾"	30"	1	26 lbs.
C9002	90 ft. ²	2" FIP	13 ¾"	30"	1	26 lbs.
C1200	120 ft. ²	1 ½" FIP	13 ¾"	36"	1	29 lbs.
C12002	120 ft. ²	2" FIP	13 ¾"	36"	1	29 lbs.
C17502	175 ft. ²	2" FIP	13 ¾"	42"	1	32 lbs.

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