



## SwimClear™

»»» Single-Element Cartridge Filter

LOWEST IN HEAD LOSS, HIGHEST  
IN EFFICIENCY





### INCOMPARABLE EFFICIENCY

SwimClear™ filters are simply the most efficient single-element cartridge filters ever produced. Designed for greater hydraulic efficiency, they boast the industry's lowest head loss—saving pool owners more energy and money.



### QUICK & EASY MAINTENANCE

A recessed pressure gauge and manual air relief allow for easy access to SwimClear's head assembly while also sealing the filter against contamination. And with the lowest body height on the market, cleaning and changing filter cartridges is easier than ever.



### SIMPLE INSTALLATION

With 2" x 2½" union connections, SwimClear is quick and easy to retrofit in virtually any application. An Easy-Lok™ ring design and ergonomic handles offer confident filter handling while preventing contact with fiberglass-based surfaces.

## SWIMCLEAR CARTRIDGE FILTERS

Filter Type	Cartridge element: 100 ft² 150 ft² 200 ft² (9.29 m² 13.94 m² 18.58 m²)
Filter Tank	High-strength, injection-molded, glass-reinforced copolymer
Filter Element	Reinforced polyester
Performance Range	100 to 120 GPM, 379 to 455 LPM
Dimensions	C100S: 30½" H x 18¼ W" (775 mm x 464 mm)*
	C150S: 33¾" H x 18¼ W" (857 mm x 464 mm)*
	C200S: 38¾" H x 18¼ W" (984 mm x 464 mm)*

## FILTER PERFORMANCE DATA

MODEL NUMBER		EFFECTIVE FILTRATION AREA	DESIGN FLOW RATE**	TURNOVER	
				8 HOURS	10 HOURS
Residential	C100S	100 ft² / 9.29 m²	100 GPM / 379 LPM	48,000 gal / 182 kl	60,000 gal / 227 kl
	C150S	150 ft² / 13.94 m²	120 GPM / 455 LPM	57,600 gal / 218 kl	72,000 gal / 273 kl
	C200S	200 ft² / 18.58 m²	120 GPM / 455 LPM	57,600 gal / 218 kl	72,000 gal / 273 kl
Public	C100S	100 ft² / 9.29 m²	38 GPM / 142 LPM	18,240 gal / 68 kl	22,800 gal / 85 kl
	C150S	150 ft² / 13.94 m²	56 GPM / 213 LPM	26,880 gal / 102 kl	33,600 gal / 128 kl
	C200S	200 ft² / 18.58 m²	75 GPM / 284 LPM	36,000 gal / 136 kl	45,000 gal / 170 kl

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

\*\*Determined by pump size and piping system hydraulics; 2" piping is recommended for flow rates of 90 GPM (341 LPM); Residential Design Flow rates based on 1 GPM/ft²; Public Design Flow rates based on 0.375 GPM/ft² (15.26 LPM/m²)

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# StarClear™ Series

»»» Cartridge Filters

TRUSTED PERFORMANCE,  
EASY MAINTENANCE





STARCLEAR™

**Rotatable filter head** provides easy access to cartridge element, gauge and manual air relief valve

**Injection-molded filter tank** for dependable, corrosion-free performance

**Extra-large, single-element cartridge** with new precision engineered core and gasketed molded end caps provides extra strength and maximum flow

**Elevated filtered water collector with debris sump** prevents accidental bypass of heavy debris to pool or spa when cartridge is removed for cleaning

**1/2" filter drain valve** provides fast draining for elevated spas and tubs (also accepts standard spigot valve)



STARCLEAR™ PLUS

**Single-locking knob** securely fastens filter head to filter tank without clamps or bolts

**1/2" or 2" FIP or 2" SKT connections** (adapters provided on some models) for plumbing versatility

**SPECIFICATIONS**

	C250	C500	C751	C7512	C900	C9002	C1200	C12002	C17502
Effective Filtration Area	25 ft <sup>2</sup>	50 ft <sup>2</sup>	75 ft <sup>2</sup>	75 ft <sup>2</sup>	90 ft <sup>2</sup>	90 ft <sup>2</sup>	120 ft <sup>2</sup>	120 ft <sup>2</sup>	175 ft <sup>2</sup>
Pipe Size	1 1/2"	1 1/2"	1 1/2"	2"	1 1/2"	2"	1 1/2"	2"	2"
Dimensions (Height x Width)	19 1/2" x 10 1/2"	29 1/2" x 10 1/2"	30" x 13 3/8"	30" x 13 3/8"	30" x 13 3/8"	30" x 13 3/8"	36" x 13 3/8"	36" x 13 3/8"	42" x 13 3/8"

**RESIDENTIAL PERFORMANCE DATA**

MODEL NUMBER	DESIGN FLOW RATE*	TURNOVER	
		8 HOURS	10 HOURS
C250	25 GPM	12,000 gal	15,000 gal
C500	50 GPM	24,000 gal	30,000 gal
C751	75 GPM	36,000 gal	45,000 gal
C7512			
C900	90 GPM	43,200 gal	54,000 gal
C9002			
C1200	120 GPM	57,600 gal	72,000 gal
C12002			
C17502			

**PUBLIC AND APSP-15 PERFORMANCE DATA**

MODEL NUMBER	DESIGN FLOW RATE*	TURNOVER	
		8 HOURS	10 HOURS
C250	9 GPM	4,500 gal	5,625 gal
C500	18 GPM	9,000 gal	11,250 gal
C751	28 GPM	13,500 gal	16,875 gal
C7512			
C900	34 GPM	16,200 gal	20,250 gal
C9002			
C1200	45 GPM	21,600 gal	27,000 gal
C12002			
C17502			

Public and APSP-15 Design Flow Rate based on .375 GPM/ft<sup>2</sup>

\*Determined by pump size and piping system hydraulics; 2" piping is recommended for flow rates of 90 GPM (341 LPM).

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