

Clean & Clear®

Cartridge Filter

By Pentair Pool Products®



Crystal clarity with cartridge convenience

Clean & Clear® combines top-end filter performance with low maintenance. This dependable design uses special filter elements to strip tiny particles from your pool water...particles as small as 30 microns. (An average grain of beach sand is 1000 microns!) And cleaning is a snap. Open the top, remove the cartridge, hose it off, and Clean & Clear is ready to go again.

We've maximized cartridge surface consistency to block and trap the maximum amount of solids. Plus, we use the most durable materials to extend cartridge life. Clean & Clear will keep your pool sparkling day in and day out.

- Cartridge is easy to remove and rinse.
- Clamp ring allows safe and easy access to cartridge and internal parts.
- Single piece base and tank are constructed of fiberglass-reinforced polypropylene for strength and chemical resistance.
- High-Flow manual air relief valve and continuous internal air relief work together to maintain optimum filtration efficiency at all times.

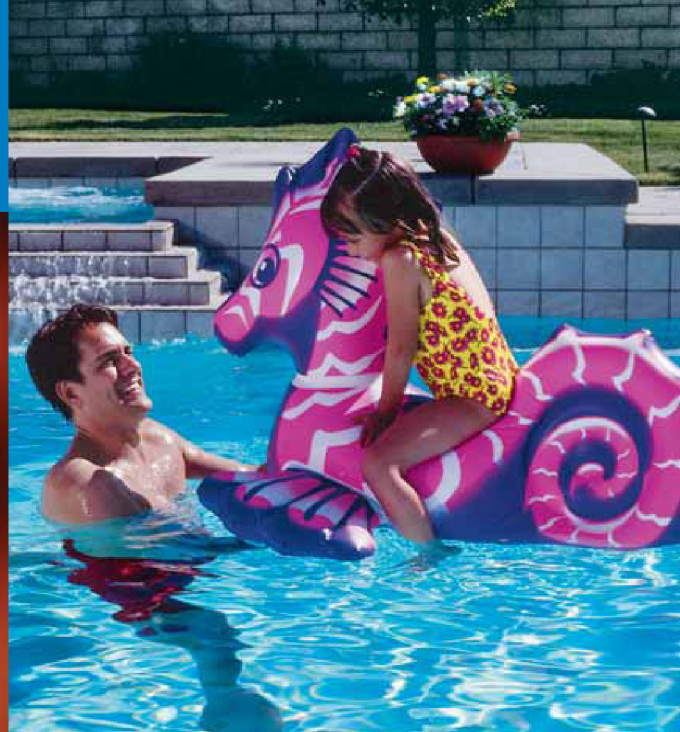


Clean & Clear®

Cartridge Filter



- Clamp ring for safe and quick access to cartridges
- Single-piece fiberglass reinforced polypropylene tank for strength and corrosion resistance
- Easy access 1½" drain
- 2" plumbing for maximum flow



Model Number	Filter Area Sq. Ft.	Vertical Clearance*	Filter Diameter	Flow Rate GPM		Turnover Capacity-Res. (Gallons)		
				Res.**	Com.	8hrs.	10hrs.	12hrs.
CC 50	50	30"	15.5"	50	19	24,000	30,000	36,000
CC 75	75	39"	15.5"	75	28	36,000	45,000	54,000
CC 100	100	61"	15.5"	100	38	48,000	60,000	72,000
CC 150	150	76"	15.5"	150	56	72,000	90,000	108,000
CC 200	200	76"	15.5"	150	75	72,000	90,000	108,000

* Required clearance to remove filter elements.
 ** Maximum flow rate.

Carefree...by design

Like all Pentair cartridge filters, Clean & Clear® features an easily cleaned cartridge for the ultimate in carefree pool filtration. The fiberglass reinforced tank halves are secured with an innovative clamp ring – just loosen the ring and remove the top half for easy cartridge access and rinsing. Filter maintenance doesn't get any easier:

- 1½" drain and washout for quick and convenient maintenance and winterization.
- Innovative lock-ring requires only ½ of a revolution for a safe, leak-proof seal.

- 2" plumbing for maximum flow.
- Single piece base and body designed for maximum durability.
- One-year limited warranty. See warranty for details.

Available from:



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Crystal clarity with cartridge convenience

Looking for top-end filter performance with the lowest maintenance? Look at a cartridge filter. This long-proven design uses special filter elements to strip particles from pool water with great effectiveness...particles so small they are measured in microns...particles the human eye cannot even detect.

Maintenance? Open the top. Remove the cartridge. Hose it off. That's it.

But all cartridge filters aren't the same. And the secret to the most effective filters is the design and consistency of the cartridge itself. Are the materials manufactured for the utmost consistency of all surfaces to block and trap the maximum amount of solids? Are the most durable materials used to maximize the cartridge's life? Is maximum surface area designed-in to capture the most dirt and provide the longest periods between cleanings?

All Pentair filters feature cartridges made to demanding specifications under the strictest quality control standards. This ensures they produce the cleanest and clearest water while standing up for the long run.

Clean & Clear filters also feature durable fiberglass reinforced tanks with locking ring clamp for safety.

Standard features include:

- Single-piece base and tank are constructed of fiberglass reinforced polypropylene for strength and chemical-resistance.
- High-Flow™ manual air relief valve and continuous internal air relief work together to eliminate air accumulation and maintain optimum filtration efficiency at all times.
- Removable cartridge makes cleaning easy.



Clean & Clear™

Cartridge Filter

Carefree...by design

Like all Pentair cartridge filters, Clean & Clear features an easily cleaned cartridge for the ultimate in carefree pool filtration.

Other features include:

- Self-cleaning one-inch drain and washout for convenience.
- Innovative lock-ring requires only 1/3 of a revolution for a safe, leak-proof seal.
- 2" plumbing for maximum flow.
- Single-piece base and body designed for maximum durability.
- Ten-year tank warranty. See warranty for details.



Clean and Clear—Cartridge Filter

Model Number	Filter Area Sq. Ft.	Vertical* Clearance	Filter Diameter	Flow Rate GPM		Turnover Capacity-Res. (Gallons)		
				Res.**	Comm.	6hrs.	8hrs.	12hrs.
CC 50	50	30"	15.5"	50	19	18,000	24,000	36,000
CC 75	75	36"	15.5"	75	28	27,000	36,000	54,000
CC 100	100	46"	15.5"	100	38	36,000	48,000	72,000
CC 150	150	68"	15.5"	150	56	54,000	72,000	108,000
CC 200	200	68"	15.5"	150	75	54,000	72,000	108,000

*Required clearance to remove filter elements

**Maximum flow rate



Ask your Pool Professional about Pentair's comfort and convenience options to add a whole new dimension to your pool living:

- ☀ **automatic sanitizers**
- ☀ **automated controls**
- ☀ **heaters**
- ☀ **automatic cleaners**
- ☀ **automated color lighting**



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2/01 Part #PI-120

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Clean & Clear Filters

Fiberglass Reinforced Polypropylene Tank

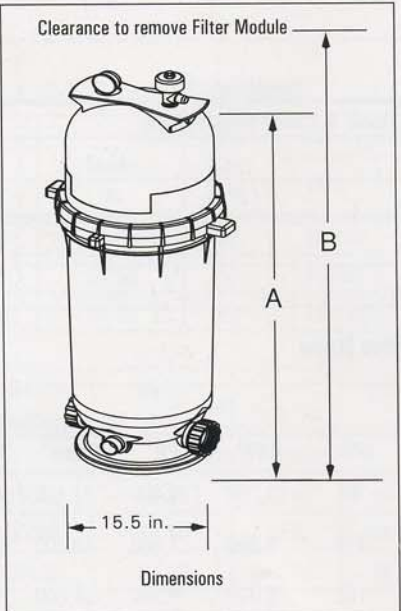


The Clean & Clear Filter features a thermoplastic chemical resistant tank with no-tool servicing and a coreless cartridge for easier cleaning. All models are equipped with easy spin-on unions for plumbing hook-ups. These filters are NSF listed for commercial applications and are available in 50, 75, 100, 150, and 200 square foot sizes.

FEATURES

- NSF listed
- Unionized connections
- Integrated continuous High Flow™ internal air relief
- Chemical resistant thermoplastic tank body
- Lock ring with spring-loaded safety latches
- Coreless cartridge for easy cleaning
- High Flow™ manual air relief valve
- 1 inch drain and wash out
- Single piece base and body design
- PurexTriton Almond!
- 10-year tank Warranty

* Integrated continuous High Flow internal air relief is operational only when there is unobstructed flow in the circulating system.



Product No.	Description	Wt. in lbs.
CLEAN & CLEAR FILTERS		
160314	50 sq. ft.....	15
160315	75 sq. ft.....	26
160316	100 sq. ft.....	33
160317	150 sq. ft.....	35
160318	200 sq. ft.	35

Flow Rate

Product No.	Sq. Ft.	Dim. A in.	Dim. B in.	Flow				
				GPM ¹	GPM ²	GPH ¹	GPH ²	8 hr. ¹
160314	50	18	18	50	19	3,000	1,140	24,000
160315	75	25.5	36	75	28	4,500	1,680	36,000
160316	100	33	46	100	38	6,000	2,280	48,000
160317	150	40.5	68	150	56	9,000	3,360	72,000
160318	200	40.5	68	150	75	9,000	4,500	72,000

See page 172 for replacement parts.



1. One GPM per sq. ft. shown, recommended flow rate .5 GPM per sq. ft.
 2. Commercial rate is a maximum of .375 GPM per sq. ft. of filter area.
 NOTE: Actual system flow will depend on plumbing size and other system components.
 NOTE: PacFab does not recommend flow rates above 150 GPM.