

FILTERS

Pentair Clean & Clear Plus Filters –

Fiberglass Reinforced Polypropylene Tank

Clean & Clear Plus Filters have a corrosion resistant injection molded filter tank featuring superior strength and reliability. The cartridge assembly uses four easy to clean, non-woven, polyester cartridges. Each filter is supplied with a bulkhead union set for easy installation.

- NSF listed
- Superior Strength
- Large Filter area for increased dirt capacity
- 1.5 in., 100% drain clean-out port
- Continuous High Flow internal air relief
- Base and plumbing kits now available
- Injection molded tank
- Balanced hydraulic flow
- Tension Control clamp
- 100% factory tested
- Black bulkhead unions
- High Flow manual air relief valve
- 10-year Tank Warranty



Product	Model	Description	Wt.	Dim. A	Dim. B	Flow Rate GPM		Turnover Capacity in Gall.		
						Res.	Comm.	GPH	6 hr	8 hr
PA160310	CCP240	240 sq. ft.	60 lbs.	37"	56"	90	90	5400	43,200	43,200
PA160340	CCP320	320 sq. ft.	70 lbs.	43"	62"	120	120	7200	57,600	57,600
PA160301	CCP420	420 sq. ft.	80 lbs.	49"	68"	150	150	9000	54,000	72,000
PA160332	CCP520	520 sq. ft.	90 lbs.	56"	74"	150	150	9000	54,000	72,000

Pentair FNS Plus Filters –

Fiberglass Reinforced Polypropylene Material, Vertical Grid, D.E.

FNS Plus filters are fiberglass reinforced polypropylene of advanced chemical resistant materials for superior strength and reliability. The Top manifold design features the new service-ease grid pack for convenient one-at-a-time grid servicing.

- Superior strength
- Service-Ease grid pack
- Continuous High Flow internal air relief
- 100% factory tested
- Top to bottom backwash
- High Flow manual air relief valve
- Tension Control clamp
- Black valves and plumbing
- 1.5 in. bottom clean out - 7.5 in. centerline bulkhead fittings
- 10-year Tank Warranty



Product	Description	Wt.	Dim. A	Dim. B	-----Flow-----				D.E. Required
					GPM	GPH	6 hr	8hr	
PA180006	24 sq. ft.	60 lbs.	37"	48"	48	2880	17,280	23,040	2.4 lbs.
PA180007	36 sq. ft.	70 lbs.	43"	62"	72	4320	25,920	34,560	3.6 lbs.
PA180008	48 sq. ft.	80 lbs.	49"	74"	96	5760	34,560	46,080	4.8 lbs.
PA180009	60 sq. ft.	90 lbs.	55"	86"	120	7200	43,200	57,600	6.0 lbs.

Triton II Side Mount Filters –

Fiberglass Sand Filter without Valves

The original and still the industry standard. Patented GlasLok process creates a one-piece, fiberglass reinforced tank with UV resistant surface finish for years of unequaled strength and durability. This unique method locks in fiberglass preventing fibers from "blooming" under harsh conditions.

- Heavy-duty closure provides easy inspection, and features an easy-to-read pressure gauge with air relief valve.
- Swing-away diffuser allows instant access to sand and all internal parts
- All internal parts are threaded for ease of service
- Internal air bleed
- Bulkhead connectors are threaded for easy installation and service
- Combination sand and water drain makes servicing and winterizing fast and easy
- Maximum Operating Pressure 50 psi
- 10-year Tank Warranty



Product	Model	Flow rate GPM		Turnover Capacity (gall)		
		Res.	Public	8 hr	10 hr	12 hr
PA140236	TR 40	38	38	18,240	22,800	27,360
PA140249	TR 50	49	49	23,520	29,400	35,280
PA140264	TR 60	63	63	30,240	37,800	45,360
PA140210	TR 100	98	74	47,040	58,800	70,560
PA140243	TR 140	141	106	67,680	84,600	101,520

-- Filter Media-- -----Dimension Table -----

Product	Model	Tank Dia.	Filter Area	Wt.	All Sand	Pea Gravel	Sand	A Dim.	B Dim.	C Dim.	D Dim.
PA140236	TR 40	19"	1.92 sq. ft.	25	175 lbs.	50	125	30.5"	19.5"	10.75"	32.5"
PA140249	TR 50	21"	2.46 sq. ft.	34	225 lbs.	50	125	34.75"	21.5"	11-7/8"	36.75"
PA140264	TR 60	24"	3.14 sq. ft.	39	325 lbs.	75	250	35.5"	24.5"	13-5/8"	37.5"
PA140210	TR 100	30"	4.91 sq. ft.	39	600 lbs.	150	450	39.75"	30.5"	16.25"	41.75"
PA140243	TR 140	36"	7.06 sq. ft.	89	925 lbs.	275	650	45.25"	36.5"	18.75"	47.25"

Triton II Valve Options –

Must be purchased separately

- PA261173 - 1.5" MPV, for sand filters
- PA261055 - 2" MPV, for sand filters
- PA261050 - 2" with plumbing, for sand filters
- PA261049 - 2" Hi-Flow valve, no plumbing
- PA261165 - 2" PVC Slide valve for D.E. filters
- PA261047 - 2" PVC Slide valve w/o plumbing, for D.E. & sand filters
- PA263034 - 2" ABS Slide valve

Triton HD Side Mount Filters –

Heavy-Duty Fiberglass Sand Filter without Valves

All the same great performance and features of the original Triton's with maximum operating pressure of 75 psi for those special high pressure installations such as single pump in-floor cleaning systems.

- Maximum operating pressure 75 psi
- 10-year Tank Warranty

Product	Model	Flow rate GPM		Turnover Capacity (gall)		
		Res.	Public	8 hr	10 hr	12 hr
PA140335	TR100 HD	98	74	47,040	58,800	70,560

-- Filter Media-- -----Dimension Table -----

Product	Model	Tank Dia.	Filter Area	Wt.	All Sand	Pea Gravel	Sand	A Dim.	B Dim.	C Dim.	D Dim.
PA140335	TR100 HD	30"	4.91 sq. ft.	66	600 lbs.	150	450	39.75"	30.5"	16.25"	41.75"

Triton HD Valve Options –

Must be purchased separately

- PA261173 - 1.5" MPV, for sand filters
- PA261055 - 2" MPV, for sand filters
- PA261050 - 2" with plumbing, for sand filters
- PA261049 - 2" Hi-Flow valve, no plumbing
- PA261165 - 2" PVC Slide valve for D.E. filters
- PA261047 - 2" PVC Slide valve w/o plumbing, for D.E. & sand filters
- PA263034 - 2" ABS Slide valve

Triton C, and Triton C-3 –

High Capacity Fiberglass Side Mount Sand Filter without Valves

This filter series features multiple diverters for increased filtration rates in commercial applications up to 20 GPM / Sq. Ft.

Maximum operating pressure 50 psi

Features:

- Full 2 in. drain
- 8 in. opening for easy access to sand bed
- The Triton C-3 features standard 3 in. flange connections
- TR 100C & TR 140C models are available in black or almond
- TR 100C-3 & TR 140C-3 models are available in black only
- 10-year tank warranty

Product	Model	Flow rate GPM		Turnover Capacity (gall)		
		Res.	Public	8 hr	10 hr	12 hr
PA140300	TR 100C	98	98	47,040	58,800	70,560
PA140315	TR 100C	98	98	47,040	58,800	70,560
PA140341	TR 140C	141	141	67,680	84,600	101,520
PA140316	TR 140C	141	141	67,680	84,600	101,520
PA140310	TR 100C-3	98	98	47,040	58,800	70,560
PA140342	TR 140C-3	141	141	67,680	84,600	101,520

Product	Model	Tank Dia.	Filter Area	Wt.	-- Filter Media--		
					All Sand	Pea Gravel	Sand
PA140300	TR 100C-Black	30"	4.91 sq. ft.	65	600 lbs.	150	450
PA140315	TR 100C-Almond	30"	4.91 sq. ft.	65	600 lbs.	150	450
PA140341	TR 140C-Black	36"	7.06 sq. ft.	82	925 lbs.	275	650
PA140316	TR 140C-Almond	36"	7.06 sq. ft.	82	925 lbs.	275	650
PA140310	TR 100C-3-Black	30"	4.91 sq. ft.	65	600 lbs.	150	450
PA140342	TR 140C-3-Black	36"	7.06 sq. ft.	82	925 lbs.	275	650

-----Dimension Table-----

Model	A Dim.	B Dim.	C Dim.	D Dim.	E Dim.
TR 100C	39.75"	30.5"	7.5"	16.5"	43.75"
TR 140C	45.25"	36.5"	7.5"	18.75"	49.25"
TR 100C-3	39.75"	30.5"	7.72"	16-1/16"	43.75"
TR 140C-3	45.25"	36.5"	7.72"	18.5"	49.25"

Triton C, and Triton C-3 Valve Options –

Must be purchased separately

PA261173 - 1.5" MPV, for sand filters

PA261055 - 2" MPV, for sand filters

PA261050 - 2" with plumbing, for sand filters

PA261165 - 2" PVC Slide valve for D.E. filters

Multimedia Filters

Sta-Rite System 3 Filters – The system offers filter media interchangeability. Dura-glas tank construction. Maintenance is made easy with posi-lok clamping system. Available in high rate sand, diatomaceous earth and cartridge filter styles. 2" tank port size. Backwash valve and media extra. Square footage refers to filter area.

- SR17005** - Sand, 2.4 sq. ft., 21" tank dia.
- SR17010** - Sand, 3.4 sq. ft., 25" tank dia.
- SR17015** - D. E., 37 sq. ft., 21" tank dia.
- SR17020** - D. E., 53 sq. ft., 25" tank dia.
- SR17025** - Cartridge, 300 sq. ft., 21" tank dia.
- SR17030** - Cartridge, 450 sq. ft., 25" tank dia.



Sta-Rite Syst. 3

Astral 30" & 36" Series 3000 Filters – The 3000 Series filter is constructed of a one-piece injection molded thermoplastic. The internal components are constructed of PVC and Polypropylene. Multiport sold separately.

- 50 psi rating
- 30" & 36" Side Mounted Models Available
- Complete with pressure gauge
- Large Media Drain
- 10-Year Limited Warranty

- AFIGF3030SS** - 30" Filter w/ 2" ports - 4.75 sq. ft.
- AFIGF3036SS** - 36" Filter w/ 2.5" ports - 6.84 sq. ft.

Astral 30" & 36" Filament Wound Filters

– This line of filters is constructed of non-corrosive fiber reinforced plastic technology very similar to that of the commercial line of filters. The body is constructed of fiberglass that is filament wound for unsurpassed strength. Multiport valves sold separately.

- 18" Media depth
- 9" top opening
- 10 year limited warranty
- 30" & 36" available
- 2" media drain
- Manual air purge
- Water drain for winterization
- 50 psi Operation / 75 psi test pressure

- AF096520100** - 30" Filter w/ 2" ports - 4.75 sq. ft.
- AF096450100** - 36" Filter w/ 2" ports - 6.84 sq. ft.



30" & 36" Filter

Astral 42" & 47" Filament Wound Filters

– Non-Corrosive polyester fiber reinforced plastic construction. Water contact surface is an Isothalic and NPG gel coat for additional chemical resistance. The gel coat is backed with a hand laminated layer consisting of polyester resin, chopped figerglass, and woven fiberglass matting for additional reinforcement. The filter is filament wound with continuous strand fiberglass and resins in both a radial and polar manner for unsurpassed strength. All internal plumbing is 235 psi rated PVC. Laterals are a patented injection molded polypropylene with 360 degree openings for maximum water movement thru sand bed.

- 18" Media depth
- 15 year limited warranty
- 42" & 47" available
- 3" media drain
- Manual air purge
- Water drain for winterization
- 50 psi operation / 75 psi test pressure

- AF06804** - Astral 42" Filter - 2.5"
- AF06805** - Astral 47" Filter - 3"



42" & 47" Filter

Astral Vertical Polyester Commercial Sand Filters Only

– Non-Corrosive polyester fiber reinforced plastic construction. Water contact surface is an Isothalic and NPG gel coat for additional chemical resistance. The gel coat is backed with a hand laminated layer consisting of polyester resin, chopped figerglass, and woven fiberglass matting for additional reinforcement. The filter is filament wound with continuous strand fiberglass and resins in both a radial and polar manner for unsurpassed strength. All internal plumbing is 235 psi rated PVC. Laterals are a patented injection molded polypropylene with 360 degree for maximum water movement thru sand bed.

Vertical Polyester Filter features:

- 36" Media depth for superior water quality
- 15 year limited warranty
- NSF Certified
- 42" to 93" in diameter
- Large Media Drain
- Automatic air purge included
- Water drain for winterization
- 50 psi operation / 75 psi test pressure
- 16" manhole

- AF06682** - Filter size: 42"-3" connections - 9.26 sq. ft.
- AF06680** - Filter size: 47"-3" connections - 12.16 sq. ft.
- AF06683** - Filter size: 47"-4" connections - 12.16 sq. ft.
- AF06681** - Filter size: 55"-4" connections - 16.58 sq. ft.
- AF06632** - Filter size: 63"-4" connections - 21.64 sq. ft.
- AF06684** - Filter size: 63"-6" connections - 21.64 sq. ft.
- AF06633** - Filter size: 71"-6" connections - 27.34 sq. ft.
- AF06634** - Filter size: 79"-6" connections - 33.80 sq. ft.
- AF11821** - Filter size: 93"-6" connections - 46.72 sq. ft.
- AF11816** - Filter size: 93"-8" connections - 46.72 sq. ft.



Vertical Polyester Filter

Astral Horizontal Polyester Commercial Sand Filters Only

– The Astral horizontal fiberglass filters have the same construction as the Astral vertical fiberglass filters. The horizontal filters are designed to save space in mechanical rooms. All models of horizontal filters can be stacked for even more space conscious applications. All filters that require stacking will be factory stacked at an additional charge. Please call for quote.

- 15 year limited warranty
- NSF Certified
- 42" to 79" in diameter
- Large Media Drain
- 21 to 75 sq. ft. of filtration
- Automatic air purge included
- Water drain for winterization
- 50 psi operation / 75 psi test pressure
- 16" manhole

Call for price and ordering information



Horizontal Polyester Filter

Astral Commercial Laminated Smooth Exterior Filters – The gel coat exterior filters are hand-laminated using a non-corrosive fiberglass and polyester resin. The filter interior is a gel coat surface to provide maximum resistance to chemicals. The internals consist of 235 psi rated PVC and the laterals are the patented Astral 360 degree polypropylene design.

- 42" to 79" in diameter
- 9 sq. ft. to 34 sq. ft. of filtration
- 36" media depth
- Large Media Drain
- Automatic air purge included
- Water drain for winterization
- 50 psi operation / 75 psi test pressure
- 16" manhole

Call for price and ordering information

Astral Dual & Triple Cell Filters – The Astral dual and triple cell filters are constructed of carbon steel. All filters include a non-corrosive epoxy coating, flanged internals for easy maintenance, 18" media bed depth, and welded per ASME specifications. ASME code stamped vessels available per request.

- 15 year limited warranty
- NSF Certified
- 42" to 96" in diameter
- 19 sq. ft. to 150 sq. ft. of filtration
- Large Media Drain
- Automatic air purge included
- Water drain for winterization
- 50 psi operation / 75 psi test pressure

Call for price and ordering information

Astral Laminated Filters - The Astral laminated 30" and 36" filters offer 100% non-corrosive all fiberglass construction with a smooth marine grade gray exterior gel coat. This design eliminates fiberglass splintering found at the surface of other filter brands, providing a fresh new look for years. Unique, patented pressure lid system has been implemented, eliminating the traditional nut and bolt style lids, and provides a tool-free lid locking system. The filters are rated at a 50 psi working pressure and a 75 psi test pressure. Filters are offered with 2" ports on 30" systems as well as 2" & 2 1/2" slip x slip male adapters for multiple manifold systems. 30" and 36" Laminated Filters are NSF approved and carry a 10-year limited warranty.

- AS27802** - 30" Filter w/2" connections
- AS27857** - 36" Filter w/2" connections
- AS27803** - 36" Filter w/2 1/2" connections
- AS28225** - 6 Position 2" Multiport for AS27802 and AS27857 Filters
- AS08726** - 6 Position 2 1/2" Multiport for AS27803 Filters

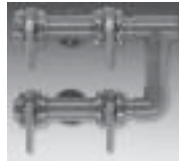
Filter Manifolds

Astral Vertical Single Filter Manifolds – 4-valve manifolds are constructed of Sch. 80 PVC and include: Astral PVC butterfly valves, zinc-plated hardware, and all PVC fittings necessary for installation. All valve manifolds are pre-assembled and knocked down for shipping.

Call for price and ordering information

Astral Horizontal Single Filter Manifolds – 4 valve manifold for 1 horizontal filter. 4-valve manifolds constructed of Sch. 80 PVC and include: Astral PVC butterfly valves, zinc-plated hardware, and all PVC fittings required for installation. Valve manifolds are pre-assembled, knocked down for shipping.

Call for price and ordering information



Filter Manifolds

Filter Grid Assemblies

Replacement Center Drain Grids – Complete grid with polypropylene cover. Spacers, end caps, and thru-rods ordered separately. When ordering, specify filter manufacturer.

- UN18285** - 16" diameter Chester
- UN18290** - 24" diameter Paddock, 4.125" hub
- UN18295** - 24" diameter Paddock, 4.75" hub
- UN18195** - 26" diameter Swimquip, w/o spacer
- UN18206** - Swimquip HBFgrid conversion kit
- UN18207** - Universal filter grid spacer

Replacement Bottom Outlet Grids – Complete grid assembly with grid, polypropylene cover, and gasket. Manifold adapters and element clamps ordered separately. When ordering, specify filter manufacturer.

- UN18210** - 30" x 36"
- UN18215** - 38" x 48"
- UN18220** - 30" x 60"
- UN18221** - 36" x 60"

Replacement Side Outlet Grids – Complete grid assembly with grid, polypropylene cover, and gasket. Manifold adapters and element clamps ordered separately. When ordering, specify filter manufacturer and side outlet location.

- UN18300** - 30" x 36"
- UN18305** - 38" x 48"
- UN18310** - 30" x 60"

Replacement Double Side Outlet Grids – Complete grid assembly with grid and polypropylene cover. Manifold adapters and element clamps ordered separately. When ordering, specify filter manufacturer.

- UN18315** - 30" x 36"
- UN18325** - 30" x 60"

Filter Grid Covers

Replacement Filter Grid Covers – Polypropylene cover with Velcro closure for easy-on, easy-off field replacement. Zip-on covers available but recommended for pressure filters only. Specify outlet location when ordering. Measurements refer to grid cover size.

- UN18223** - 24" diameter, Velcro closure
- UF18225** - 26" diameter, Velcro closure
- UF18228** - 24" x 36", Velcro closure
- UF18229** - 24" x 45", Velcro closure
- UF18230** - 30" x 36", Velcro closure
- UF18235** - 38" x 48", Velcro closure
- UF18240** - 30" x 60", Velcro closure
- UF18224** - 24" diameter, Zipper closure
- UF18226** - 26" diameter, Zipper closure

Filter Cartridges

Replacement Filter Cartridges - Cartridge filters are available in all makes and models. Replacement filter cartridges available in a wide variety of sizes to meet your specific needs.



Assorted Replacement Filter Cartridges

Replacement Filter Cartridges by Sta-Rite– Replacement polyester cartridges for cartridge filters. Available in many sizes.

- SR18255** - Sta-Rite System 3, 100 sq. ft.
- SR18260** - Sta-Rite System 3, 200 sq. ft.
- SR18265** - Sta-Rite System 3, 191 sq. ft.
- SR18270** - Sta-Rite System 3, 259 sq. ft.



Bypass Line Cartridge Filters - 4 7/8"

- OPGX05 - 5 micron filter
- OPGX20 - 20 micron filter
- OPGX50 - 50 micron filter



Cartridge Filters