

CARTRIDGE TANK SYSTEM



CARTRIDGE TANK™



*Say goodbye to small and inefficient housings.
Get rid of expensive stainless steel housings.*

The **Cartridge Tank** offers extended life and service, and a more cost effective and efficient filtration solution.

The Cartridge Tank filtration system features an 8 x 40 composite tank with easy-to-access top and bottom openings for use with various filtration connections and solutions. Lightweight and cost effective with multiple configuration options, this is the filtration solution of the future!

Features

- Extended service life, contaminant removal, and dirt holding capacity.
- Lightweight and cost-effective housing with high chemical compatibility.
- 100% non-metallic, NSF 61 and 42 listed device.
- 2.5"–8 NPSM PVC bottom assembly with 1.25 inch socket in/out (1.660") or 4.5" buttress PVC bottom assembly with 2 inch socket in/out (2.375") for multiple pipe requirement connections.
- All glue joints and connections are contained underneath and inside the vessel base for clean connections and visibly attractive systems for homeowners, businesses, and consumers.
- Patented, no tools necessary, snap ring design makes it easy to access the high capacity 6 x 30 cartridge. Full radial seal caps make replacement simple.
- Pressure release top opening with the plumbing connections at the bottom allows access and service to the filter without disrupting plumbing.
- 125 psi @ 100°F maximum operating pressure.

Easy Access



Push red button until pressure is completely released.



Push black cap down.



Remove clip ring by pulling handle inward and upward.



Remove cap.



Replace cartridge.

Applications

- Whole house POE requirements, whether for city or well water applications.
- Extreme loading conditions, RO systems, and any other pretreatment applications where high service flow and low pressure drop requirements are required or desirable.
- For customers that are tired of changing small 2.5 or 4 inch filters on a weekly or monthly basis.
- Replacement solution for expensive stainless steel housings... 100% plastic design.
- Ideal for most problem water issues where particulate contaminated water is concerned—with lower shear velocity these filters can load properly with particulates, unlike conventional filtration.

Cartridge Tanks — WITHOUT CARTRIDGE

Part Number	Description	Inlet/Outlet
CTS-125	Cartridge Tank for use with CTS1 cartridges	1.25 inch PVC Socket
CTS-200	Cartridge Tank for use with CTS2 cartridges	2 inch PVC Socket

Top Cap Cover (P/N CTS-COVER) available to prevent water collection in top cap for outdoor installations.

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Cartridge Tank Cartridges

Part Number	Usage	Series	Material	Flow Rate GPM		Micron Rating	Design	Type of Filtration
				@ 3 psid	@ 8 psid			

CTS-125 Cartridge Tank Sediment Cartridges

CTS1-SW-PP-20-5	Sediment	Yellow	Polypropylene	20	36	20/5	String Wound	Depth
CTS1-SW-PP-50-20	Sediment	Yellow	Polypropylene	25	40	50/20	String Wound	Depth
CTS1-DP-PE-10-5	Sediment	Orange	Polyester	50	150	10/5	Double Pleated	Dual Gradient
CTS1-DP-PE-20-10	Sediment	Orange	Polyester	50	150	20/10	Double Pleated	Dual Gradient
CTS1-DP-PE-50-20	Sediment	Orange	Polyester	50	150	50/20	Double Pleated	Dual Gradient
CTS1-DP-A	Sub-micron, Bacteria, Cyst	Green	Micro-Glass Fiber with Cellulose / NanoAl with Biostat [1]	30	60	20/0.2 @ 99.99% Efficiency	Double Pleated Impregnated	Dual Gradient
CTS1-DP-ACB	Sub-micron, Bacteria, Cyst, Chlorine	Green	Micro-Glass Fiber with Cellulose / NanoAl with Biostat [1] / Carbon Block	35	60	20/0.2 @ 99.99% Efficiency	Double Pleated Impregnated & Carbon Block Core [2]	Dual Gradient & Carbon Block

CTS-125 Cartridge Tank Carbon Block Cartridges

CTS1-CCB-3	Chlorine, Taste, Odor	Blue	Coconut Shell Carbon [3]	20	36	3	Carbon Block	Adsorption
CTS1-CCB-20	Chlorine, Taste, Odor	Blue	Coconut Shell Carbon [4]	25	43	20	Carbon Block	Adsorption
CTS1-ACB-3	Chloramine, Chlorine, Taste, Odor	Blue	Catalytic Coconut Shell Carbon [5]	20	36	3	Chloramine Carbon Block	Adsorption

CTS-125 Cartridge Tank Empty Cartridges

CTS1-RC-E1	Media Dependent	White	Polypropylene Container	—	—	—	(1) 0.5 cu.ft. Chamber	Downflow
CTS1-RC-E2	Media Dependent	White	Polypropylene Container	—	—	—	(2) 0.25 cu.ft. Chambers	Downflow

CTS-200 Cartridge Tank Sediment Cartridges

CTS2-SP-PP-1A	Sediment	Red	Polypropylene	20	53	1 Micron Absolute	Pleated	Surface
CTS2-SP-PP-1	Sediment	Red	Polypropylene	29	78	1	Pleated	Surface
CTS2-SP-PP-5	Sediment	Red	Polypropylene	37	100	5	Pleated	Surface
CTS2-SP-PP-20	Sediment	Red	Polypropylene	50	133	20	Pleated	Surface
CTS2-SP-PP-50	Sediment	Red	Polypropylene	62	150	50	Pleated	Surface
CTS2-SP-PP-150	Sediment	Red	Polypropylene Mesh	105	150	150	Pleated	Surface
CTS2-SP-PPC-5	Sediment, Chlorine	Red	Polypropylene / Carbon [6]	15	NA	5	Pleated / Impregnated	Surface
CTS2-MB-PP-5	Sediment	Purple	Polypropylene	62	100	5	Melt Blown	Depth
CTS2-MB-PP-20	Sediment	Purple	Polypropylene	70	112	20	Melt Blown	Depth

NOTES:

- Green Series cartridges use Agion® antimicrobial technology.
- > 200,000 gallons treatment capacity tested to NSF 42 standard
- 250,000 gallons @ 15 gpm with 90% reduction using 2 ppm free chlorine
- 150,000 gallons @ 7 gpm with 90% reduction using 2 ppm free chlorine
- 50,000 gallons @ 7 gpm with 85% reduction using 3 ppm chloramine
- 140,000 gallons @ 15 gpm for 90% chlorine reduction