

ONE™ Cartridge Tank Filters

Simplified Filtration with Extensive Flexibility

Effectively Used to Filter Water for a Multitude of Applications

- Primary filtration
- Polishing filter
- RO prefiltration
- Process water
- Waste water
- Cooling towers and chill water loops

GNE™
Water Filtration Simplified™



The unique ONE™ Cartridge Tank filter system — designed to replace smaller, commonly used cartridge filters — is the ideal solution for the removal of a multitude of particulates. Offered in two different configurations to cover anything from residential to larger commercial applications, these systems can utilize a variety of large capacity cartridges which greatly extend replacement cycle times. Ideal for most water conditions where pre- or post-filtration for particulates is needed.

- Cartridges specially designed for higher flow rates and higher contaminant retention capacities
- Wide variety of application-specific cartridges available
- Easy access to cartridge for service and replacement purposes — no special tools required
- Optional bottom drain — allows particles to flush from the system and extends cartridge life



WaterRight®
The Right Water
for Life

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Easy to remove "snap ring" makes cartridge replacement quick and simple.



EF-835-1

The EF-835-1 Cartridge Tank comes equipped with a top mount valve including bypass and is available with three different cartridge types. These filters offer excellent filtration and, because of their size, outstanding retention capabilities for residential and light commercial applications.

Double Pleated Depth Filters (Orange Series)

This filter type offers depth filtration down to 5 micron, while the double pleated layer design allows for flow rates up to 30 gpm at a 3 PSI pressure drop.

CT-1005: 10 micron outer filter x 5 micron inner filter

CT-2010: 20 micron outer filter x 10 micron inner filter

CT-5020: 50 micron outer filter x 20 micron inner filter

String Wound/Meltblown Depth Filters (Yellow Series)

This filter type offers depth filtration down to 5 micron in a standard string wound configuration with a "meltblown" core and allows for 24 gpm at 3 PSI pressure drop.

CT-2005-SWMB: 20 micron string wound x 5 micron core

CT-5020-SWMB: 50 micron string wound x 20 micron core

Carbon Block Filters (Blue Series)

This filter type offers the benefit of carbon block filtration for the removal of particulates and taste and odor issues, with exceptional flow rates up to 28 gpm at 3 PSI pressure drop.

CT-03-CB: 3 micron carbon block

CT-20-CB: 20 micron carbon block



EF-835-2

The EF-835-2 Cartridge Tank is available with two different cartridge types and is designed with a 2" inlet/outlet connection located at bottom of tank, making this system ideal for commercial and industrial applications.

Pleated Polypropylene Filters (Red Series)

This filter type is designed for the removal of particulates at high flow rates.

CT-P1A: 150 gpm, 1 micron absolute pleated polypropylene

CT-P05: 150 gpm, 5 micron pleated polypropylene

CT-P20: 150 gpm, 20 micron pleated polyester

CT-ACP: 15 gpm, pleated activated carbon



Meltblown Polypropylene Depth Filters (Purple Series)

This filter type is ideal for reduction of soft particulates at high service flow rates up to 100 gpm.

CT-D05: 100 gpm, 5 micron polypropylene depth filter

CT-D20: 100 gpm, 20 micron polypropylene depth filter



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Your local water treatment professional:

Flow rates are based on each specific application, micron rating, solids content and a number of other factors. User should consider these factors when selecting the tank and cartridge filter for their particular requirements.



1900 Prospect Court • Appleton, WI 54914
www.water-right.com

ONE™ Filtration Comparison Chart

Water filtration simplified™

SPECIALTY
PRODUCTS

BLUE

ORANGE

GREEN

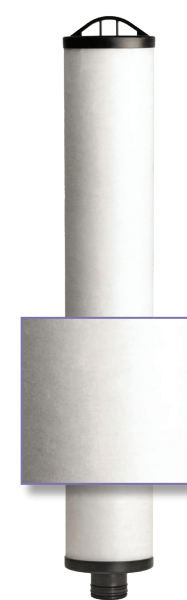
YELLOW

PURPLE

RED



COMMERCIAL 2" PLUMBING CONNECTION



Available Filter Configurations

BLUE SERIES

CT-03-CB-IO

3 Micron Carbon Block, with High Capacity

CT-20-CB-IO

20 Micron Carbon Block, with High Porosity/Low Pressure Drop

CT-03-CB-AMINE-IO

3 Micron Carbon Block, Chloramine Reduction

CT-05-CB-AMCYL-IO

0.5 Micron Carbon Block, Lead and Cyst Reduction

ORANGE SERIES

CT-1005-IO

External 10 Micron Pleated pre-filter, with 5 Micron Pleated Internal Filter

CT-2010-IO

External 20 Micron Pleated pre-filter, with 10 Micron Pleated Internal Filter

CT-5020-IO

External 50 Micron Pleated pre-filter, with 20 Micron Pleated Internal Filter

GREEN SERIES

CT-20NANO-AG-IO

External 20 Micron Pleated pre-filter, with NanoAl™ Pleated Inner Filter w/ Agion® Biostat

YELLOW SERIES

CT-2005-SWMB-IO

External 20 Micron String Wound pre-filter, with 5 Micron Meltblown Core

CT-5020-SWMB-IO

External 50 Micron String Wound pre-filter, with 20 Micron Meltblown Core

PURPLE SERIES

CT-COM05-MB

5 Micron Meltblown PP Depth

CT-COM20-MB

20 Micron Meltblown PP Depth

RED SERIES

CT-COM1AP

1 Micron Absolute Pleated PP

CT-COM05P

5 Micron PP Pleated

CT-COM20P

20 Micron PP Pleated

CT-COM50P

50 Micron PP Pleated

CT-COM150P

150 Micron PP Pleated

CT-COM-CARBP

Pleated Activated Carbon

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**SPECIALTY
PRODUCTS**

BLUE SERIES	ORANGE SERIES	GREEN SERIES	YELLOW SERIES	PURPLE SERIES	RED SERIES
Features					
<ul style="list-style-type: none"> • High-performance carbon • Unique binder system • Proprietary manufacturing process • Double Buna-N O-ring seals • Polypropylene Outer Wrap • Netting of Polyethylene 	<ul style="list-style-type: none"> • Dual Gradient Double Pleated Filters • Double Buna-N O-ring seals • Filter Belly Bands • Durable Polyester filter and Polypropylene cap construction 	<ul style="list-style-type: none"> • Dual Gradient Double Pleated Filters with electropositively charged NanoAl™ media • Double Buna-N O-ring seals • Filter Belly Bands • PAC solution option • Agion® antimicrobial technology 	<ul style="list-style-type: none"> • Outer pre-filter manufactured using 100% polypropylene yarn • Outer filter captures fine sediment, sand, silt, rust and scale particles • Melt blown inner filter manufactured using thermally bonded polypropylene fibers 	<ul style="list-style-type: none"> • Durable and chemical resistant • Polypropylene filter and cap construction • Double EPDM O-ring seals • Unique filter handle design 	<ul style="list-style-type: none"> • Durable and chemical resistant • Polypropylene filter and cap construction • Double EPDM O-ring seals • Filter Belly Bands • Unique filter handle design
Benefits					
<ul style="list-style-type: none"> • Exceptionally low pressure drop • High dirt holding capacity • Excellent contaminant reductions 	<ul style="list-style-type: none"> • Extended service life, contaminant removal, and dirt holding capacity • Ensures no bypass of contaminants and high chemical compatibility • Prevents collapsing of filters under high flow or contaminant load applications • Bacteria and chemical resistant filter 	<ul style="list-style-type: none"> • Remove contaminants from 1 to 0.2 microns • Higher flow rate and loading capacity • Reduces unwanted bad taste and odor from potable drinking water • 24/7 resistance of microbe growth 	<ul style="list-style-type: none"> • Microorganism resistant NSF component • Nominally rated as stated • High purity • Excellent chemical resistance • High dirt holding capacity • Graded density 	<ul style="list-style-type: none"> • Extended service life, contaminant removal, and dirt holding capacity • Insures no bypass of contaminants and high chemical compatibility • Prevent collapsing of filters under high flow or contaminant load applications • Bacteria and chemical resistant 	<ul style="list-style-type: none"> • Extended service life, contaminant removal, and dirt holding capacity • Insures no bypass of contaminants and high chemical compatibility • Prevent collapsing of filters under high flow or contaminant load applications • Bacteria and chemical resistant
Applications					
<ul style="list-style-type: none"> • Ideal for Residential, Food Service, Commercial and Industrial applications • Ideal as polishing or pre-filters in applications requiring fine filtration and high capacity • Reduction of Chlorine, Chloramine, taste and odor • Removal of a multitude of particulates including Lead & Cysts 	<ul style="list-style-type: none"> • Ideal for Residential, Food Service, Rental Fleets, Commercial and Industrial Applications • Make-up Water, RO Pre-filtration, Cooling Towers, Chill Water Loops, Metal Finishing Process Water (turbidity, particulate, colloidal suspensions) 	<ul style="list-style-type: none"> • Primary Filtration in lieu of microporous membranes • Make Up Water (particulate, microbial control) • Polishing Filters (carbon fines, emulsified oil removal) • RO Prefiltration (SDI reduction) • Process Water (turbidity, particulate, colloidal suspensions) • Waste Water (biologicals, proteins, dyes) • Cooling Towers, Chill Water Loops (iron removal) 	<ul style="list-style-type: none"> • Potable water, Food/beverage, Pre RO, Fine chemicals, Electronics, Metal finishing, Plating solutions, Oxidizing agents, Corrosive fluids, Gases, Concentrated acids and alkali 	<ul style="list-style-type: none"> • Ideal for Residential, Food Service, Rental Fleets, Commercial and Industrial Applications • Make-up Water, RO Pre-filtration, Cooling Towers, Chill Water Loops, Metal Finishing Process Water (turbidity, particulate, colloidal suspensions) • Community Water, Livestock, or Poultry, Water Systems • Replacement of bag filters with more surface area and capacity 	<ul style="list-style-type: none"> • Ideal for Residential, Food Service, Rental Fleets, Commercial and Industrial Applications • Make-up Water, RO Pre-filtration, Cooling Towers, Chill Water Loops, Metal Finishing Process Water (turbidity, particulate, colloidal suspensions) • Community Water, Livestock, or Poultry, Water Systems • Replacement of bag filters with more surface area and capacity

Water-Right, Inc. | 1900 Prospect Court, Appleton, WI 54914 | 800-777-1426 | www.water-rightgroup.com