EASY REPLACEMENT
No Tools Means **No Tools!**

RE

GNE®
Water Filtration Simplified®

RE RED SERIES FILTERS

Red series filters are high flow rate pleated filtration solutions with extended life and use, with filtration levels of 1 absolute, 5, 20, 50, and 150 microns, along with an activated carbon (PAC) solution. The filters are designed with a large filtration layer that extends filtration level contamination and service life while achieving high flow rates up to 150 GPM (568 LPM) and low pressure drop.

The filters will outperform competitive filtration solutions in all turbidity applications, including silt, rust, and other particle filtration. The red series also provides lower shear water velocity as the raw water passes through the filter, allowing for more contact time and interaction with the extensive surface area of the filters. This results in higher water quality and longer life of the filtration system.

A direct replacement for expensive stainless steel housings, red series filters have significant surface area, low pressure drop, and high flow rate capabilities. The filters are ideal as polishing or pre-filters in applications requiring fine filtration and high capacity. Cleanable from 5 microns and up and utilizing 100% cellulose free media, these are the commercial filtration solutions of the future!

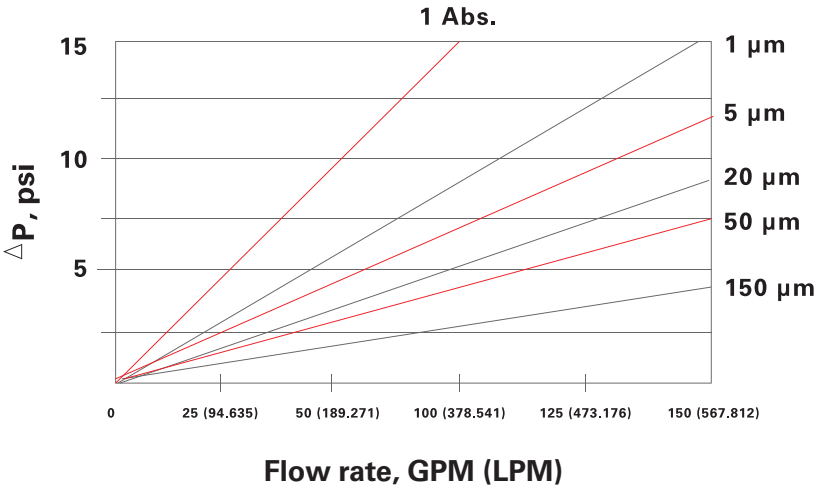
Each filter comes with a unique handle designed top cap for lightweight and easy removal, a bag for proper disposal, and a double O-ring connection. All components and materials are manufactured from NSF 61 and FDA Certified materials.

Red series filters are available in the following configurations:
CT-COMM1A: 1 micron absolute pleated PP
CT-COMM05: 5 micron PP pleated
CT-COMM20: 20 micron PP pleated
CT-COMM50: 50 micron PP pleated
CT-COMM150: 150 micron PP pleated
CT-COMM-CARB: Pleated activated carbon

FEATURES	
Durable and chemical resistant polypropylene filter and cap construction	
Double EPDM O-ring seals	
Filter belly bands	
Unique filter handle design	
BENEFITS	
Extended service life, contaminant removal, and dirt holding capacity	Insures no bypass of contaminants and high chemical compatibility
Low pressure drop = high flow	Bacteria and chemical resistant
Ease of filter removal from housing	Prevent collapsing of filters under high flow or contaminant load applications
APPLICATIONS	
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 and poultry water systems	
Replacement of bag filters with more surface area and capacity	
Other water-based fluid solutions	

FILTER PERFORMANCE

Low Pressure Drop ONE™ filters are designed to minimize pressure drop by using 2" pipe fittings and large diameter center tubes *(see chart for pressure drop data using pleated cartridges).*



EASY REPLACEMENTS
NO TOOLS REQUIRED

1. PRESS THE RED PRESSURE RELIEF VALVE TO UNSEAT THE RING

2. REMOVE SNAP RING

3. LIFT TOP CAP

BETTER FILTRATION
THERE'S NO COMPETITION

Activated carbon (PAC) filter: Service flow rates up to 15 GPM (57 LPM) with a removal capacity up to 150,000 gallons and a 90% chlorine reduction—improving taste, odor, sediment, and chlorine

Maximum pressure differential: 40 psi

Maximum flow rate of 1 micron absolute: 50 GPM (190 LPM)

Maximum flow rate of all other configurations: 150 GPM (568 LPM)

AVAILABLE OPTIONS AND CONFIGURATIONS

ITEM #: CT-1/4NPTLID

Top cap option with pressure release valve and removal handles

ITEM #: CT-4.5LID

4.5" threaded top/bottom commercial cap with threaded connection

ITEM #: CT-RETAININGRING

Snap ring with I.D. tag connection

ITEM #: CT-4.5DRAIN
CT-4.5ADAPTER

4.5" bottom drain plumbing for commercial filters

ENPRESS LLC
Where Innovation Flows™

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Performance claims are based on independent lab results and manufacturer's internal test data. Actual performance is dependent on influent water quality, flow rates, system design and applications. Your results may vary. Micron ratings based on 85% or greater removal of a given particle size. Flush new cartridges until water runs clear prior to use. Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

For more information, visit enpress.com or onefiltration.com

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