



*E3 Integrated Bypass and 1" MNPT Connection System With Drain Filter Options*

### Available Filter Configurations

| BLUE SERIES   | GREEN SERIES   | ORANGE SERIES   | WHITE SERIES   | YELLOW SERIES  | SILVER SERIES  |
|---|--|---|--|--|--|
| <p><b>CT-03-CB</b><br/>3 micron carbon block with high capacity</p> <p><b>CT-20-CB</b><br/>20 micron carbon block with high porosity/low pressure drop</p> <p><b>CT-03-CB-AMINE</b><br/>3 micron carbon block; chloramine reduction</p> | <p><b>CT-20NANO-AG</b><br/>External 20 micron pleated pre-filter with NanoAI™ pleated inner filter w/ Agion® Biostat</p> <p><b>CT-20NANO-PAC-AG</b><br/>External 20 micron pleated pre-filter, with NanoAI™ PAC pleated inner filter w/ Agion® Biostat and carbon block core</p> | <p><b>CT-1005</b><br/>External 10 micron pleated pre-filter with 5 micron pleated internal filter</p> <p><b>CT-2010</b><br/>External 20 micron pleated pre-filter with 10 micron pleated internal filter</p> <p><b>CT-5020</b><br/>External 50 micron pleated pre-filter with 20 micron pleated internal filter</p> | <p><b>CT-MEDIA05</b><br/>Full 0.5 ft3 configuration; able to be filled with any media for up-flow or down-flow service due to use of Vortech® technology</p> <p><b>CT-MEDIA05-MID</b><br/>Full 0.5 ft3 configuration with Mid-Vortech® separation plate; able to be filled with any media for up-flow or down-flow service due to use of Vortech® technology</p> | <p><b>CT-2005-SWMB</b><br/>External 20 micron string wound pre-filter with 5 micron meltblown core</p> <p><b>CT-5020-SWMB</b><br/>External 50 micron string wound pre-filter with 20 micron meltblown core</p> | <p><b>CT-RES05-MB</b><br/>5 micron meltblown PP depth</p> <p><b>CT-RES20-MB</b><br/>20 micron meltblown PP depth</p> |

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| <b>Features</b>   |   |   |  |  |   |
| <ul style="list-style-type: none"> <li>High-performance carbon</li> <li>Unique binder system</li> <li>Proprietary manufacturing process</li> <li>Double Buna-N O-ring seals</li> <li>Polypropylene outer wrap</li> <li>Netting of polyethylene</li> </ul>                                       | <ul style="list-style-type: none"> <li>Dual gradient double pleated filters with electropositively charged NanoAl™ media</li> <li>Double Buna-N O-ring seals</li> <li>Filter belly bands</li> <li>PAC solution option</li> <li>Agion® antimicrobial technology</li> </ul>   | <ul style="list-style-type: none"> <li>Dual gradient double pleated filters</li> <li>Double Buna-N O-ring seals</li> <li>Filter belly bands</li> <li>Durable polyester filter and polypropylene cap construction</li> </ul>   | <ul style="list-style-type: none"> <li>0.5 cu ft empty media bottle</li> <li>Polyethylene construction</li> <li>Vortech® distributor plate</li> <li>Locking or removable top cap</li> <li>Rings on bottom of bottle</li> <li>Double Buna-N O-ring seals</li> <li>Mid-Vortech® distributor plate option</li> </ul>  | <ul style="list-style-type: none"> <li>Outer pre-filter manufactured using 100% polypropylene yarn</li> <li>Outer filter captures fine sediment, sand, silt, rust and scale particles</li> <li>Melt blown inner filter manufactured using thermally bonded polypropylene fibers</li> </ul> | <ul style="list-style-type: none"> <li>Durable and chemical resistant</li> <li>Polypropylene filter and cap construction</li> <li>Double EPDM O-ring seals</li> <li>Unique filter handle design</li> </ul>  |
| <b>Benefits</b>   |   |   |  |  |   |
| <ul style="list-style-type: none"> <li>Exceptionally low pressure drop</li> <li>High dirt holding capacity</li> <li>Excellent contaminant reductions</li> </ul>   | <ul style="list-style-type: none"> <li>Remove contaminants from 1 to 0.2 microns</li> <li>Higher flow rate and loading capacity</li> <li>Reduces unwanted bad taste and odor from potable drinking water</li> <li>24/7 resistance of microbe growth</li> </ul>  | <ul style="list-style-type: none"> <li>Extended service life, contaminant removal, and dirt holding capacity</li> <li>Ensures no bypass of contaminants and high chemical compatibility</li> <li>Prevents collapsing of filters under high flow or contaminant load applications</li> <li>Bacteria and chemical resistant filter</li> </ul> | <ul style="list-style-type: none"> <li>Extended service life and high capacity contaminant removal</li> <li>High chemical resistance</li> <li>Up-flow or down-flow service and full utilization of the media bed</li> <li>Ease of handling</li> <li>Ensures no bypass of contaminants and high chemical compatibility</li> <li>Separation of multi-media configurations</li> </ul> | <ul style="list-style-type: none"> <li>Microorganism resistant NSF component</li> <li>Nominally rated as stated</li> <li>High purity</li> <li>Excellent chemical resistance</li> <li>High dirt holding capacity</li> <li>Graded density</li> </ul>   | <ul style="list-style-type: none"> <li>Extended service life, contaminant removal and dirt holding capacity</li> <li>Insures no bypass of contaminants and high chemical compatibility</li> <li>Prevent collapsing of filters under high flow or contaminant load applications</li> <li>Bacteria and chemical resistant</li> </ul>  |
| <b>Applications</b>   |   |   |  |  |   |
| <ul style="list-style-type: none"> <li>Ideal for residential, food service, commercial and industrial applications</li> <li>Ideal as polishing or pre-filters in applications requiring fine filtration and high capacity</li> <li>Reduction of chlorine, chloramine, taste and odor</li> </ul> | <ul style="list-style-type: none"> <li>Primary filtration in lieu of microporous membranes</li> <li>Make-up water (particulate, microbial control)</li> <li>Polishing filters (carbon fines, emulsified oil removal)</li> <li>RO prefiltration (SDI reduction)</li> <li>Process water (turbidity, particulate, colloidal suspensions)</li> <li>Waste water (biologicals, proteins, dyes)</li> <li>Cooling towers, chill water loops (iron removal)</li> </ul> | <ul style="list-style-type: none"> <li>Ideal for residential, food service, rental fleets, commercial and industrial applications</li> <li>Make-up water, RO pre-filtration, cooling towers, chill water loops, metal finishing process water (turbidity, particulate, colloidal suspensions)</li> </ul>                                    | <ul style="list-style-type: none"> <li>Ideal for residential, food/beverage service, rental fleets, service DI exchange, plating solutions, commercial and industrial applications</li> <li>Metal finishing, oxidizing agents, corrosive fluids, electronics, pre-RO, process water, waste water, cooling towers, make-up water, polishing filters, primary filtration</li> </ul>  | <ul style="list-style-type: none"> <li>Potable water, food/beverage, pre-RO, fine chemicals, electronics, metal finishing, plating solutions, oxidizing agents, corrosive fluids, gases, concentrated acids and alkali</li> </ul>  | <ul style="list-style-type: none"> <li>Ideal for residential, food service, rental fleets, commercial and industrial applications</li> <li>Make-up water, RO pre-filtration, cooling towers, chill water loops, metal finishing process water (turbidity, particulate, colloidal suspensions)</li> <li>Community water, livestock or poultry water systems</li> <li>Replacement of bag filters with more surface area and capacity</li> </ul> |



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