

QT1+CR WATER FILTRATION SYSTEM

System Part Number: 170-52080



SYSTEM DESCRIPTION

The **QT1+CR** is a dual-cartridge water filtration system with two Qwik-Twist cartridges. Gradient density media filters sediment down to 2 microns and reduces chlorine and chloramines up to 20,000 gallons at a flow rate of 2.7 gpm.

FEATURES • BENEFITS

- ◆ Gradient-density sediment filtration reduces dirt, rust and other debris
- ◆ CTO-Q10 cartridge - Proprietary carbon filtration reduces chlorine, taste & odors
- ◆ CTOS-QCR cartridge - Catalytic carbon provides chloramine reduction
- ◆ Sturdy, powder-coated mounting bracket and multi-function valve simplify installation
- ◆ Multi-function valve provides:
 - Shutoff valve for easy cartridge replacement
 - System bypass valve for easy system maintenance
 - Flush port to flush cartridges after installation
- ◆ Built-in pressure gauge provides a visual indicator for monitoring of when filters need to be changed
- ◆ Qwik-Twist cartridges

APPLICATIONS

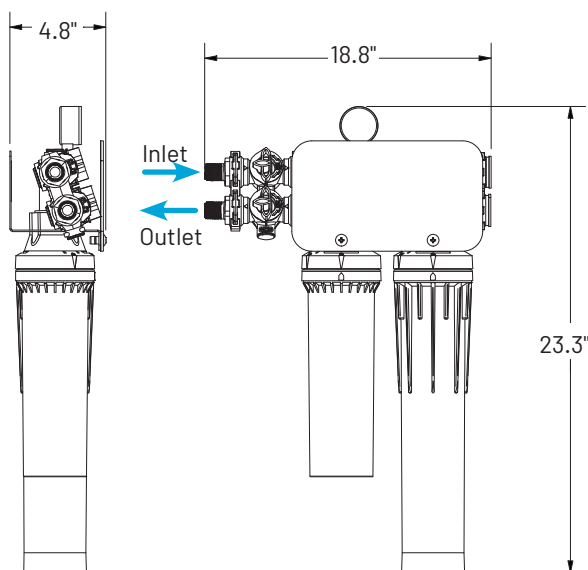
- ◆ Steam
- ◆ Combi ovens

INSTALLATION TIPS

- ◆ Choose a mounting location suitable to support the weight of the system while operating.
- ◆ Install vertically and allow 3" (7.62 cm) clearance below the cartridge for easy removal and replacement.
- ◆ To be used for treated water connection only.
- ◆ Do not exceed system specifications for temperature and pressure.
- ◆ Do not install where the system could be exposed to freezing temperatures.
- ◆ For more details, see the installation, operation, and maintenance guide included with the system.

QT1+CR

170-52080



SPECIFICATIONS

System	Performance
Overall Dimensions 23.3" H x 18.8" W x 4.8" D (59.2 cm x 36.3 cm x 12.2 cm)	Service Flow Rate Maximum 2.5 gpm (9.5 Lpm)
Connections Inlet Connection: 1/2" MNPT Outlet Connection: 1/2" MNPT	Rated Capacity 20,000 gallons (75,708 L)
Operating Pressure 20 – 125 psi (1.4 – 8.6 bar) non-shock	Chlorine, Taste & Odor Reduction Yes
Water Temperature 35 – 100°F (2 – 38°C)	Chloramines Reduction Yes
Operating Weight 7.5 lbs (3.4 kgs)	Particulate Reduction Yes
Shipping Weight 9 lbs (4.1 kgs)	
Electrical Connection None required	

REPLACEMENT CARTRIDGES

Model	Qty	Description	Part No
CTO-Q10	1	Pre/Post-filter	300-05828
CTO-QCR	1	Primary Chloramine filter	300-05831

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<http://pentair.com/assets/foodservice-warranty>

It is recommended that filter cartridges be replaced every six (6) months on a regular scheduled program, or when capacity is reached or if water pressure or flow to equipment becomes inadequate.

Always replace filter cartridges at least once per year.

The contaminants or other substances removed or reduced by this drinking water system are not necessarily in your water. Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.



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