



Model: **QTI1+CR**
Part #: 170-52081

Snapshot

The QTI1+CR is a dual-cartridge water treatment system with two Qwik-Twist cartridges, which reduces sediment down to 0.5-microns, and reduces chlorine, taste and odor at a flow rate of 2.5 gpm for 20,000-gallons and chloramine at a flow rate of 0.5 gpm for up to 6,000-gallons. The system includes IsoNet®, OptiPure's patented scale-inhibiting technology, which minimizes the precipitation and accumulation of scale, and provides a protective barrier to help guard against corrosion.

System Benefits

- IsoNet® - OptiPure's patented scale-inhibiting technology, helps protect equipment against scale and corrosion for the rated capacity of the system.
- Reduces maintenance frequency and cost, and extends equipment life.
- Gradient-density depth filtration reduces dirt, rust, and other debris to assure clean, clear water for steam generation.
- CTO-Q10 cartridge - Activated carbon filtration protects equipment against corrosive chlorine.
- CTOS-QCR cartridge - Catalytic carbon provides added protection against chloramines when present in water supplies and IsoNet provides scale inhibition.
- New manifold design provides fewer possible leak points.
- Sturdy, powder-coated mounting bracket and multi-function valve simplify installation.
- Multi-function valve provides:
 - * Shutoff valve for quick and simple filter replacements
 - * System bypass valve for easy system maintenance
 - * Flush port to flush cartridges after installation
- Built-in pressure gauge allows visual monitoring of when filters need to be changed.
- Utilizes Qwik-Twist cartridges that make changing filters quick, easy and sanitary.



Application

STEAM & COMBI OVENS - For the reduction of chloramines, chlorine and sediment, in addition to scale and corrosion inhibition.

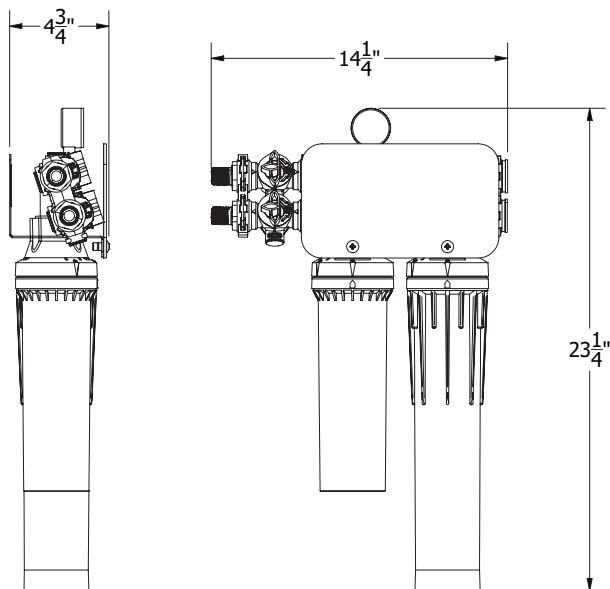
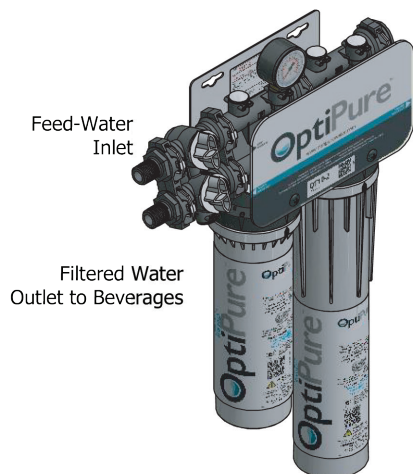
Installation Tips

- Feed-water connection to system should be COLD only.
- Do not exceed system specifications for temperature and pressure.
- Allow 3" clearance below system for filter cartridge removal and cartridge replacement.
- To be used for treated water connection only.
- Detailed installation, operation and maintenance manual included with each system.
- No activation procedure or flushing required for system to perform as specified.



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► Specifications



WARNING:
Cancer and Reproductive Harm -
www.P65Warnings.ca.gov.

► Warranty

All system components and assembly except for filter cartridges, separation membranes, permeate pumps, electric motors, diaphragm pumps, and rotary vane pumps shall be warranted against defects in workmanship for a period of 60 months from the date of original shipment. For complete warranty information, contact OptiPure customer service or go to www.optipurewater.com.

System	
Dimensions (Height x Width x Depth, Inches)	23 1/4" x 14 1/4" x 4 3/4"
Connection - Inlet & Outlet	1/2" MNPT
Operating Pressure Range	10 - 125 psi (0.7 - 8.6 bar)
Inlet Water Temperature Range	35° - 100°F (2° - 38°C)
Shipping Weight	9 lbs.
Performance	
Chlorine Reduction Capacity	20,000 gals. (75,708 L)
Chloramine Reduction Capacity	6,000 gals. (22,712 L)
Service Flow Rate	2.5 gpm (9.5 lpm)
Sediment Reduction	0.5 microns (nominal)
Scale & Corrosion Inhibitor	IsoNet® (70 grams)

► Replacement Media

Model	Description	Part Number	Qty
CTO-Q10	Pre/Post-Filter	300-05828	1
CTOS-QCR	Chloramine Filter	300-05832	1

► Options

Model	Description	Part Number
Fitting Kit	1/2" PTC Fitting Kit	575-92272

It is recommended that pre/post-filters and mineral addition cartridges are changed every 6 months, when capacity is reached or when feedwater pressure or flow becomes inadequate.

Membrane life varies depending on feedwater conditions and pre-filter maintenance. It is 12-18 months under typical conditions, but it can be as long as 3-5 years.

This product is for commercial use only and must be installed and maintained according to manufacturer's guidelines.

Do not use on water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

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