

The OptiPure QTC-1 Item #: 160-52024 water treatment system is Tested & Certified by NSF International.

Functional Data

The contaminant reduction capabilities of the system's combined water treatment technologies offer a wide range of benefits that include:

- ❖ Improves beverage quality and consistency.
- ❖ Removes health threatening Cysts such as Cryptosporidium and Giardia.
- ❖ Reduces Turbidity.
- ❖ Filters out dirt, sediment, rust and other particulate matter.
- ❖ Takes out disinfectant chlorine and the taste and odor associated with chlorine.
- ❖ Takes out offensive tastes and odors

NSF/ANSI Performance Specifications

Rated Capacity/Service Life: 22,500 gallons (85,162 liters)
 Service Flow Rate: 2.25 gpm (8.5 lpm)

NSF/ANSI Certified Performance

This system has been tested according to NSF/ANSI Standard 42 and 53 for the reduction of the substances listed below. The concentration of the indicated substances in water entering the system was reduced to a concentration less than or equal to the permissible limit for water leaving the system, as specified in NSF/ANSI Standard 42 and 53.

Reduction Analysis	Influent Challenge Concentration	Reduction Requirement	Percent Reduction
AESTHETIC EFFECTS			
Chlorine	2.0 mg/L ±10%	≥50%	86.5%
Taste & Odor	--	--	--
Particulate, Class 1 particles 0.5 to <1 um	at least 10,000 particles/mL	≥85%	94.8%
HEALTH EFFECTS			
Cyst	minimum 50,000/L	99.5%	>99.99%
Turbidity	11 ±1 NTU	0.5 NTU	98.7%

NOTE: Testing was performed under standard laboratory conditions, actual performance may vary. It is recommended that you have your water supply tested to determine your actual water treatment requirements.



System Tested and Certified by NSF International to NSF/ANSI Standard 42 and 53 for the reduction of:

Standard 42: AESTHETIC EFFECTS

Chlorine Reduction: Capacity - 22,500 gallons (85,162 liters)
 Taste and Odor Reduction, Particulate Reduction: Class 1

Standard 53: HEALTH EFFECTS

Cyst Reduction, Turbidity Reduction

NSF's Certification Program is accredited by the American National Standards Institute (ANSI) and Standards Council of Canada (SCC) for the reduction claims specified in this Performance Data Sheet.

Manufactured by the OptiPure division of Procam Controls, Inc.

2605 Technology Dr. Bldg. 300 Plano, TX 75074

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www.optipurewater.com

OptiPure Model QTC-1 - Performance Data Sheet - Continued

Replacement Cartridge(s):

Quantity	Cartridge	Item #
1	XTO-Q	300-05840

General Installation Requirements

- System Dimensions: 20" H x 5.8" W x 4.2" D (Add a minimum 3" to height to allow for filter sump removal and cartridge replacement). Shipping weight is 5.0 lbs.
- System includes inlet shut-off valve. Inlet & outlet are 3/8" FNPT (female pipe thread).
- System must be connected to COLD water only.
- Flush the system for ten (10) minutes to allow air and carbon fines to escape. NO ACTIVATION PROCESS OR EXTENDED FLUSHING IS REQUIRED FOR OPTIPURE SYSTEMS TO PERFORM AS CERTIFIED.
- Check operating requirements of equipment being supplied by the filter system before shutting off water supply.
- System operating range: Pressure: 10-125 psi (0.7-8.6 bar) Temperature: 35-100°F (2-38°C)
- This product is for commercial use only and must be installed and maintained according to manufacturers guidelines.
- Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

General Operation & Maintenance Requirements

- System will deliver measurable performance for up to six months between filter changes when installed according to application guidelines. Change filters every six months, when capacity is reached or when effluent flow becomes inadequate.
- Replacement filter performance is assured without activation or extended flushing.
- Check operating requirements of equipment serviced before shutting off water supply.
- Installation and Operation & Maintenance Manuals are provided with the system and include parts and service availability.

Warranty Information

OptiPure Systems carry a three (3) year limited warranty for defects in materials and workmanship when installed and maintained in accordance with manufacturers recommended procedures and guidelines. For complete warranty information refer to the warranty statement included with each system or contact OptiPure at techsupport@optipure.net or 972.881.9797.

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