



Model: **CTO-20**

Part #: 252-20120

## Snapshot

The CTO-20 is a 20" Drop-In cartridge that reduces sediment down to 0.5-microns and reduces chlorine, taste & odor at a flow rate of 3.0 gpm for 30,000-gallons.

## Cartridge Benefits

- Improves the quality and consistency of cold and hot beverages.
- Reduces maintenance frequency and cost, and extends equipment life.
- Gradient-density depth filtration reduces dirt, rust, and other debris as small as 0.5-microns to assure clean, clear water and protect solenoids, valves and other fittings against wear and plugging.
- Activated carbon filtration makes water taste great and protects equipment against corrosive chlorine.
- High capacity cartridge extends filter system life reducing maintenance frequency.
- Generates less waste, only the drop-in cartridge is replaced. No discarding of metal or plastic quick-change filters.
- Replacement cartridge cost per gallon is much less than proprietary quick-change filters.
- NSF Certified under Standard 42 as replacement cartridge in OptiPure FX Series Systems.



## REPLACEMENT CARTRIDGE

ITEM #: \_\_\_\_\_ QTY: \_\_\_\_\_

JOB NAME/NUMBER \_\_\_\_\_

## Application

**Fountain Beverages, Coffee, Tea, and Water** - and primary filtration for Combination Systems.

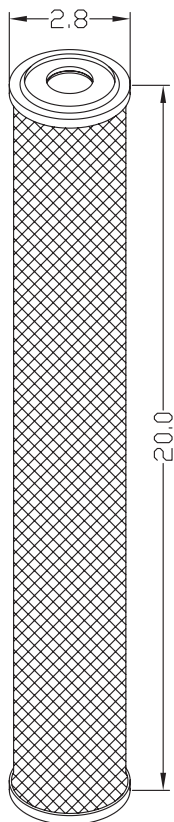
\*Drop-in style cartridge for OptiPure FX Systems. Can be used as a retrofit cartridge with most standard 20" drop-in style housings.

## Installation Tips

- Insure cartridge is designed to replace the existing cartridge.
- Do not exceed cartridge specifications for temperature and pressure.
- Allow 3" clearance below system for filter cartridge removal and replacement.
- No activation procedure or flushing is required for cartridge to perform as specified.
- Feed-water connection to system should be COLD only.



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System Tested and Certified by NSF International against NSF/ANSI Standard 42 Aesthetic Effects - Particulate Reduction (Class I) and the reduction of Chlorine, Taste and Odor.



**WARNING:**  
Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

## ► Warranty

Replacement filter cartridges are warranted for defects in material and workmanship only. Service life of replacement filter cartridges varies significantly with local water conditions and volume and thus cannot be warranted. Furthermore, separation membranes are equally susceptible to feed water conditions (e.g. presence of iron, alum and silica) and shall be warranted only for defects in construction. Membrane failure due to fouling, hydrolysis, oxidation or other damage caused by the local water conditions is not covered under warranty. For complete warranty information, contact OptiPure customer service or go to [www.optipurewater.com](http://www.optipurewater.com).

Dealer/Distributor Info:

## ► Specifications

Cartridge	
Dimensions (Height x Width x Depth, Inches)	20" h x 2.8" w x 2.8" d
Operating Pressure Range	10 - 125 psi (0.7 - 8.6 bar)
Inlet Water Temperature Range	35° - 100° F (2° - 38° C)
Performance	
Chlorine, Taste and Odor Reduction Capacity	30,000 gals. (113,550 L)
Service Flow Rate	3.0 gpm (11.3 lpm)
Sediment Reduction	0.5 microns (nominal)
Scale & Corrosion Inhibitor	N/A

## ► System(s) Cartridge Used In

Model	Part Number	Qty
FX-12	160-50020	1
FX-22	160-50025	1
FX-22P	160-50030	2
FX-22P+	160-50035	2
SX2-22	160-50142	1

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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