

Snapshot

The QTSFT-3+ is a unique water softening system that allows precision blending of filtered water with softened water allowing the user to adjust the water hardness to a desired level. The system utilizes high capacity ion-exchange resin to remove hardness minerals and an activated carbon filter reduces dirt and sediment down to 1/2 micron and reduces chlorine, off-taste and odor. The system incorporates a multi-turn precision metering valve and electronic flowmeter to provide a predictable and reliable blend during the life of the media.

System Benefits

- Reduces Total Hardness, Sediment, Chlorine and Taste & Odor.
- Precision Multi-Turn Metering Valve allows precise and consistent blending of filtered water with softened water.
- Allows user to adjust water hardness to any desired level to achieve the best mineral balance for specialty beverages.
- Adjustable Digital Flowmeter measures gallons used and alerts with audible and visual alarm when filters need to be changed. Flow rate, elapsed time, near end of life, end of life and low battery alerts are also provided. No guessing about filter life.
- High Capacity Strong Acid Cation Ion Exchange Resin is greater than 99.5% efficient at removing scale-forming ions and eliminates the risk of carbonate or sulfate scaling.
- Softening with SAC resin is effective and safe on a broad range of water chemistry and avoids the pitfalls of lowering the pH or creating corrosive water.
- Reduces equipment maintenance frequency and cost, and extends life reducing cost of ownership.
- Compact design makes wall-mount or under-counter installation simple.
- Built-in flush valve simplifies service and enables quick hardness testing.
- All system cartridges are 1/4 turn 'Qwik-Twist' cartridges to make changing the filters quick, easy and sanitary.
- Includes professional water hardness test kit (100 tests).

Model: **QTSFT-3+**
Part #: 160-00460

ITEM #: _____ QTY: _____

JOB NAME/NUMBER _____

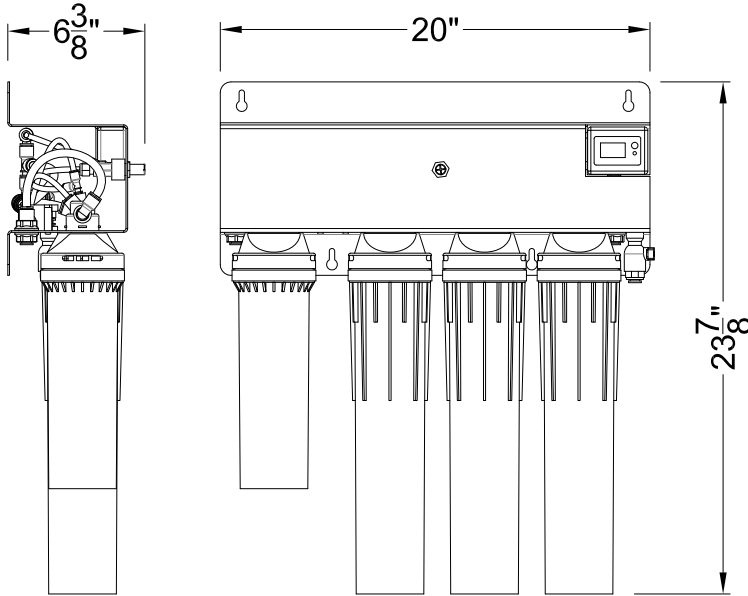


Application

ESPRESSO MACHINES
TEA BREWERS
BUN WARMERS AND
SMALL TABLE-TOP STEAMERS

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 housing removal and cartridge replacement.
- Detailed installation, operation & maintenance manual is included with each system.
- No activation procedure is required for system to perform as specified.
- Flush system at a low flow rate for 5 minutes or until water runs clear.



Capacity of QTSFT-3+				
Feed Hardness GPG (MG/L)	Blend Hardness GPG (MG/L)	Gallon Capacity	Blend Hardness GPG (MG/L)	Gallon Capacity
25 (428)	3 (51)	236	5 (86)	260
20 (342)	3 (51)	306	5 (86)	347
17 (291)	3 (51)	371	5 (86)	433
15 (257)	3 (51)	433	5 (86)	520
12 (205)	3 (51)	578	5 (86)	743
10 (171)	3 (51)	743	5 (86)	1040
9 (154)	3 (51)	867	5 (86)	1300
8 (137)	3 (51)	1040	5 (86)	1733
7(120)	3 (51)	1300	5 (86)	2600
6 (103)	3 (51)	1733	5 (86)	5200

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

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

Dealer/Distributor Info:

► Specifications

System	
Dimensions (Height x Width X Depth, inches)	24 x 20 x 6.375
Connection - Inlet & Outlet	3/8" Push Fit
Operating Pressure Range	10-125 psi (0.7 -8.6 bar)
Inlet Water Temperature Range	35° -100° F (2° -38° C)
Shipping Weight	24 lbs.
Performance	
Chlorine, Taste and Odor Reduction Capacity	15,000 gals. (56,775 Liters)
Service Flow Rate	1 gpm (3.78 lpm)
Sediment Reduction	1 micron (nominal)
Hardness Removal	5,200 grains

To calculate softening system capacity - divide the "Hardness Removal" capacity of the system by the grains per gallon (gpg) of water hardness.

Example: 5,200 grains capacity/7 gpg = 743 gallons capacity.
That's 23,776 double shots of espresso.

If hardness is provided in mg/l units divide the value of mg/l by 17.1 to get grains per gallon of water hardness. Example: 120 mg/l of hardness/17.1= 7 gpg.

► Replacement Cartridge(s)

Model	Part Number	Qty
CTO-Q10	300-08110	1
SFT-Q	300-08250	3

It is recommended that filters be changed when capacity is reached, when effluent pressure or flow becomes inadequate or at a minimum every six (6) months.

► Warranty

Systems have a 3 year warranty against defects in material and workmanship. For complete warranty information contact OptiPure customer service or go to the OptiPure website.

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