

LANCASTER[®]

WATER TREATMENT

INSTALLATION, OPERATING AND SERVICE MANUAL

ONE[™] CARTRIDGE TANK FILTRATION SYSTEM



7-CTFS-125

- CT-1005
- CT-2010
- CT-5020
- CT-2050-SWMB
- CT-5020-SWMB
- CT-03-CB
- CT-20-CB
- CT-03-CB AMINE

7-CTFS-2

- CT-P1A
- CT-P05
- CT-P20
- CT-D05
- CT-D20

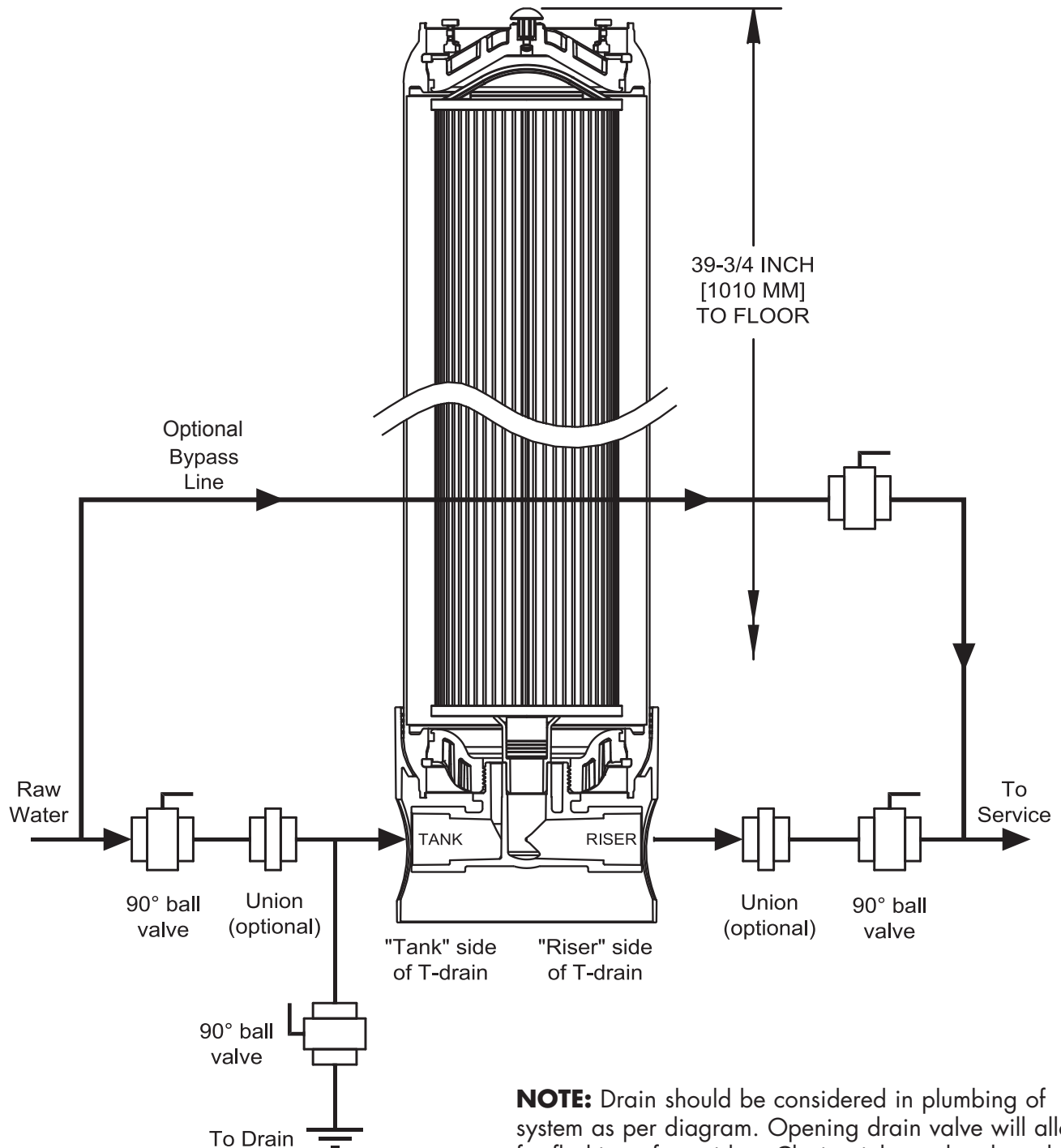


Congratulations on purchasing your new **Lancaster Water Filter**. This unit is designed to give you many years of trouble free service. For servicing and future inspection purposes, please file this booklet with your important documents. In the event that you need assistance for servicing your water filter, please first contact the professional contractor who installed the system.

The cartridge filter is shipped separately from the cartridge tank assembly and must be installed prior to use.

Placement of the Cartridge Tank Filtration System is dependant on the application. Locate the system close to a drain. A bottom drain can be installed in the plumbing system to allow rinsing of the cartridge. Some water may spill when replacing the cartridge. Precautions should be taken to prevent any damages due to water while replacing or rinsing the cartridge. **FOLLOW ALL LOCAL PLUMBING CODES.** Shut off valves should be installed for ease in servicing the system.

Typical installation show with bypass



NOTE: Drain should be considered in plumbing of system as per diagram. Opening drain valve will allow for flushing of cartridge. Closing inlet and outlet valve and opening drain will relieve pressure on filter tank for cartridge replacement.

Installation & Cartridge Replacement Instructions

1. Turn off water supply to system by shutting off inlet and outlet valves.
2. Properly depressurize system by pushing red depressurization button on top cap of system. Keep button pushed until all air or water pressure is completely released. (See PICTURE 1)
3. Push top cap down equally with both hands to unseat retaining ring. Remove ring from groove by carefully grasping handles and pulling inward then upward. Ring will slide completely out of groove. (See PICTURE 2 & 3)
4. Remove top cap of system by lifting up on top handles. (See PICTURE 4)
5. **For Cartridge Replacement:** Remove replacement cartridge carefully from bag. Retain bag for disposal of used cartridge. Remove used cartridge from system by grasping handle and pulling upward while holding the tank down. Place in bag and dispose of in accordance with local, state and federal laws and regulations. If necessary, open drain and flush system further with a bucket of water to remove final sediment and particles. Once flushed, close drain line.
For New Installation: Remove plastic covering surrounding filter cartridge and discard. Lubricate O-rings on cartridge to ensure proper sealing. *Do not use pipe dope, Vaseline, oils or other unacceptable lubricants on O-rings.* Food grade silicone lubricant is recommended. Insert cartridge into bottom center of tank, assuring proper seal and alignment by pushing down gently until fully seated.
6. Attach product description tag to retaining ring handle for future reference.
7. Replace top cap of tank using top handles.
8. Push top cap down to make room for placement of retaining ring in ring groove.
9. Insert retaining ring into ring groove, starting at the end opposite of the handle. Using only hands, gently push retaining ring into groove until entire ring is in place and both ends meet in groove section.
10. Slowly turn water supply on to system by first opening inlet valve and pressing red depressurization valve to completely vent tank of trapping air. When water leaks out of depressurization valve, stop pushing and open outlet valve.
11. Check system for leaks and ensure system integrity.

PICTURE 1



PICTURE 2



PICTURE 3



PICTURE 4



Replacement Parts

7-CTFS-125 Residential

IMAGE NAME	PART NO.	DESCRIPTION	QTY.
1	CT-RETAININGRING	Snap Ring With I. D. Tag Connection For Top And Bottom.	2
2	CT-1/4NPTLID	Top Cap With Pressure Release Valve & Removal Handles	1
3	R-ORING LID	O-ring Replacement For All Lids/Caps	2
(Not pictured)	FG840CARTRIDGE TANK	8" x 40" Vessel Shell With Base	1
4	CT-2.5LID	2.5" Threaded Bottom Residential Cap, Threaded Connection.	1
6	CT-2.5DRAIN	2.5" Bottom Drain Plumbing For Residential Filters.	1
	CT-2.5ADAPTER	Adapter Tee For 2.5" Opening	1

CARTRIDGES (CHOOSE 1)

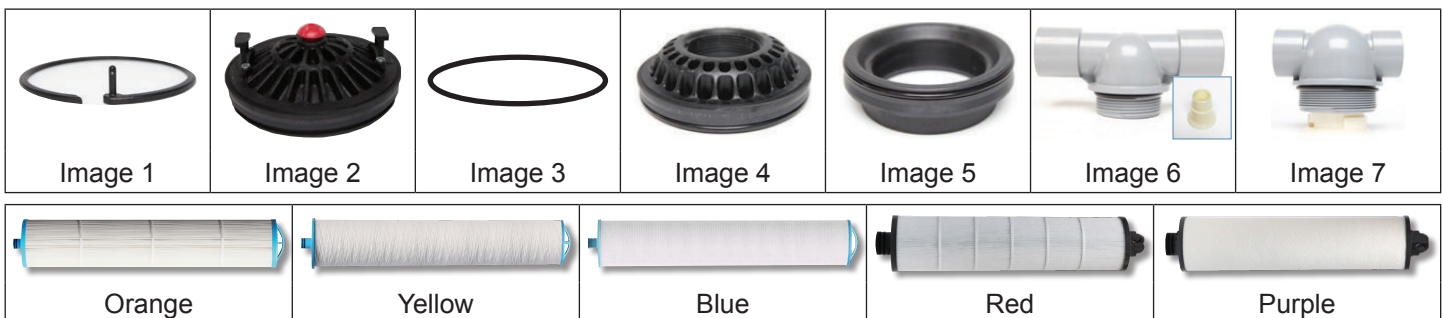
Orange	CT-1005	30 GPM, 10 PRE/5 INNER, Dual Gradient Double Pleated	1
	CT-2010	30 GPM, 20 PRE/10 INNER, Dual Gradient Double Pleated	1
	CT-5020	30 GPM, 50 PRE/20 INNER, Dual Gradient Double Pleated	1
Yellow	CT-2050-SWMB	30 GPM, 20 PRE/5 CORE, Dual Gradient Polypropylene String/ Melt Blown Polypropylene Core	1
	CT-5020 SWMB	30 GPM, 50 PRE/20 CORE, Dual Gradient Polypropylene String/Melt Blown Polypropylene Core	1
Blue	CT-03-CB	30 GPM, 3 Micron, Carbon Block	1
	CT-20-CB	30 GPM, 20 Micron, Carbon Block	1
	CT-03-CB AMINE	30 GPM, 3 Micron, Carbon Block-Chloramines	1

7-CTFS-2 Commercial

IMAGE NAME	PART NO.	DESCRIPTION	QTY.
1	CT-RETAININGRING	Snap Ring With I. D. Tag Connection For Top And Bottom.	2
2	CT-1/4NPTLID	Top Cap With Pressure Release Valve & Removal Handles	1
3	R-ORING LID	O-ring Replacement For All Lids/Caps	2
(Not pictured)	FG840CARTRIDGE TANK	8" x 40" Vessel Shell With Base	1
5	CT-4.5LID	4.5" Threaded Bottom Commercial Cap Threaded Connection.	1
7	CT-4.5DRAIN	4.5" Bottom Drain Plumbing For Commercial Filters.	1
	CT-4.5ADAPTER	Filter Tee For Commercial Filter	1

CARTRIDGES (CHOOSE 1)

Red	CT-P1A	50 GPM, 1 Absolute Micron	1
	CT-P05	100 GPM, 5 Micron, Pleated Polypropylene	1
	CT-P20	150 GPM, 20 Micron, Pleated Polypropylene	1
Purple	CT-D05	100 GPM, 5 Micron, Melt Blown Polypropylene Depth	1
	CT-D20	150 GPM, 20 Micron, Melt Blown Polypropylene Depth	1



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