

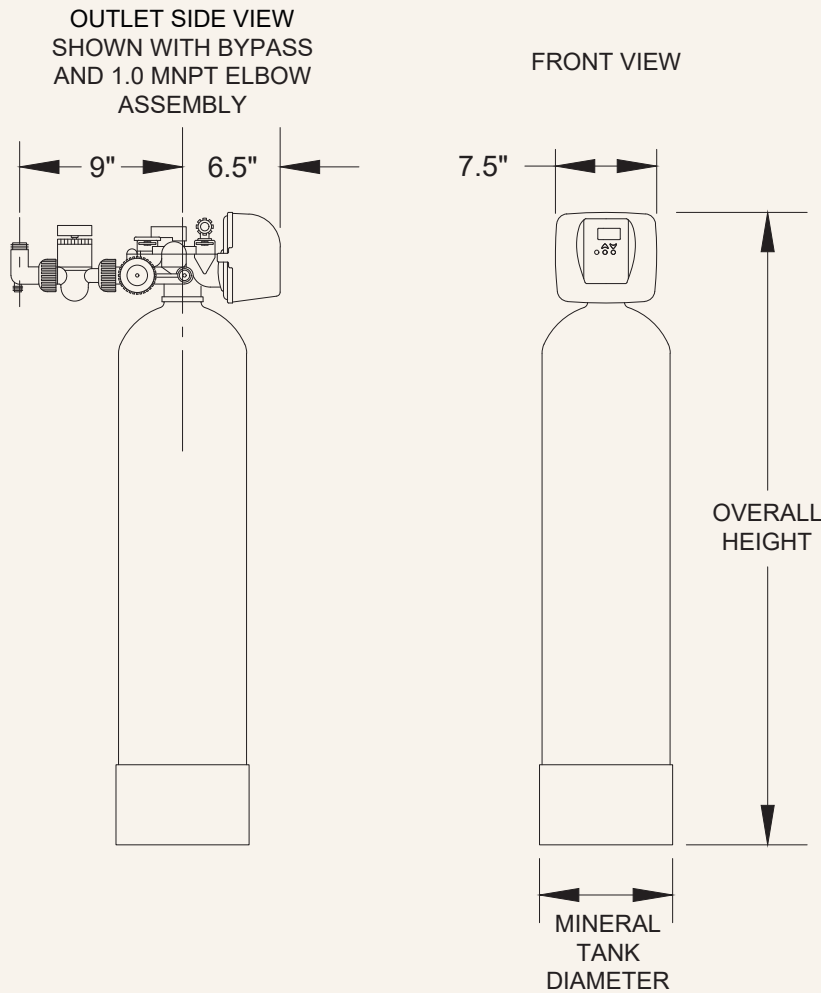


LANCASTER

WATER TREATMENT

BRONZE LINE LETCT - CARBON FILTERS

X-FACTOR SERIES LETCT CARBON FILTERS



LETCT FIXED CYCLES OF OPERATION	CARBON FILTER					
	7-LETCT-1B		7-LETCT-2B		7-LETCT-3B	
Model Number	P7		P8		P9	
Program	P7		P8		P9	
Units:	Minutes	Gallons	Minutes	Gallons	Minutes	Gallons
1st Cycle: Backwash (C1)	6	31.8	10	100	14	140
2nd Cycle: Rinse (C4)	4	21.2	6	60	8	80
Total Gallons to Drain	53		160		220	
Total Minutes	10		16		22	
Days Between Backwash*	7		7		7	

*Factory Program Setting. Days between backwash can be field adjusted based on local conditions. Refer to manual.

X-FACTOR SERIES LETCT CARBON FILTERS

LETCT SPECIFICATIONS				CARBON FILTER		
Model Number				7-LETCT-1B	7-LETCT-2B	7-LETCT-3B
Inlet/Outlet Fitting Options (Inches) ¹				0.75 - 1.0 ¹ - 1.25 - 1.5	0.75 - 1.0 ¹ - 1.25 - 1.5	0.75 - 1.0 ¹ - 1.25 - 1.5
Bypass Included				Yes	Yes	Yes
Drain Fitting Elbow NPT (Inches)				3/4 NPT	3/4 NPT	3/4 NPT
Water Pressure Range (PSI)				20 - 100	20 - 100	20 - 100
Water Operating Temperature Range (°F)				35 - 100	35 - 100	35 - 100
Plug-In Power Adapter Input (VAC - Hz - A)				120V AC - 60Hz - 0.35A	120V AC - 60Hz - 0.35A	120V AC - 60Hz - 0.35A
Plug-In Power Adapter Output (VDC - A)				15V DC - 0.5A	15V DC - 0.5A	15V DC - 0.5A
Plug-In Power Adapter Cord Length (FT)				15 FT	15 FT	15 FT
3 Volt Lithium Coin Cell Battery (Type)				2032	2032	2032
Amount of Carbon (Cubic Feet) ²				1	2	3
Service Flow Rates (GPM) ³	Recommended	Organics		1	2	3
		Chlorine	RO FEED	2	4	6
			Commercial	3	6	9
	Typical	Continuous		2.7	4.6	5.4
		Intermittent (Peak)		5.5	9.2	10.7
	Overall Height (Inches)				51.6	62.3
Mineral Tank Size: Diameter x Height (Inches)				10 x 44	13 x 54	14 x 65
Bottom Distributor Type				Stack - II Segment	Stack - II Segment	Stack - II Segment
Top Basket Distributor				No	No	No
Support Bedding				Yes	Yes	Yes
Drain Line Flow Control (GPM)				5.3	10	10
Water to Drain (Gallons)				53	160	220

¹1.0 MNPT Elbow Standard - Options Available

²Mineral used: Coconut Shell-High Activated Carbon (CS-HAC). Used for removal of chlorine, color, taste, odor and low levels of sulfur, etc. One of the most common applications for Carbon is the reduction of the undesirable tastes and odors present in many chlorinated water supplies. Upon installation allow bed to soak overnight before backwashing. The mineral bed should be backwashed periodically, but will in time reach the maximum adsorbency. Carbon has an extremely high capacity but must be replaced when the filter bed loses the capacity for reduction of taste and odor.

³Basis for Service Flow Rates:

Continuous - 5 GPM/SQ. FT.

Intermittent (Peak) - 10 GPM/SQ. FT.

Chlorine:

RO Feed - 2 GPM/CU. FT.

Commercial - 3 GPM/CU. FT.

Organics: 1 GPM/CU. FT.

Higher flow rates are possible, however lower flow rates produce higher quality water.