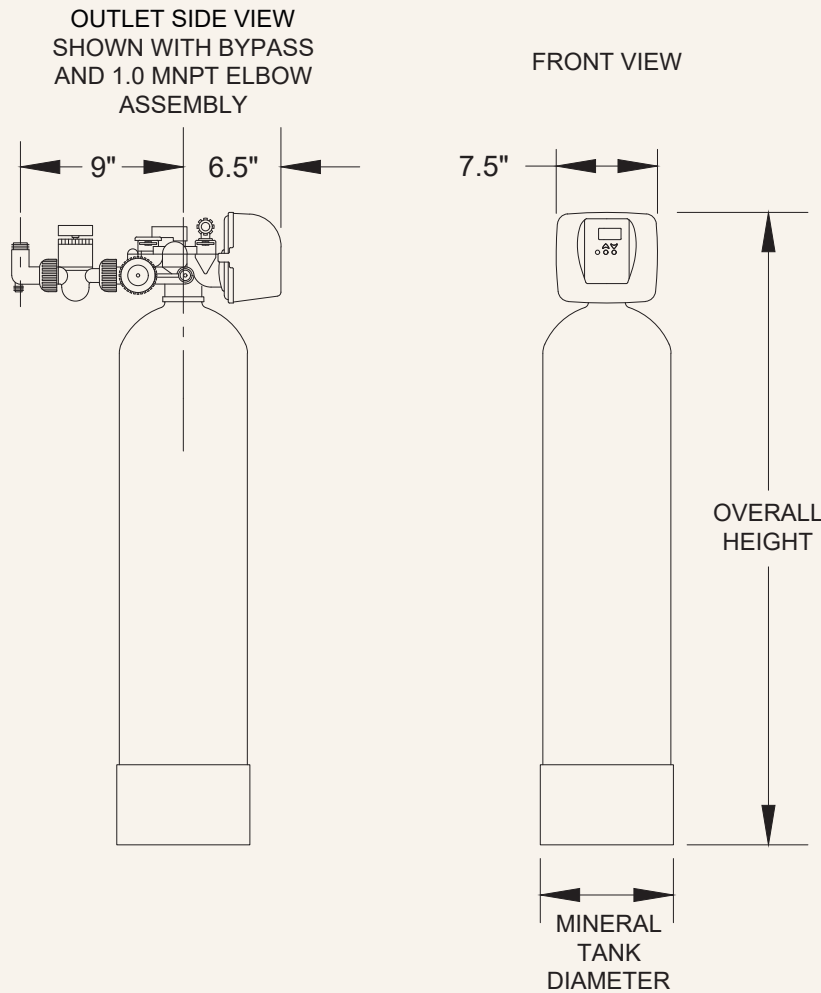




# LANCASTER

## WATER TREATMENT

### X-FACTOR SERIES LETST SEDIMENT FILTERS



LETST FIXED CYCLES OF OPERATION		SEDIMENT / TURBIDITY (FILTER-AG) FILTER					
Model Number	7-LETST-1B		7-LETST-2B		7-LETST-3B		
	P7		P8		P9		
Program	Minutes	Gallons	Minutes	Gallons	Minutes	Gallons	
Units:							
1st Cycle: Backwash (C1)	6	31.8	10	90	14	126	
2nd Cycle: Rinse (C4)	4	21.2	6	54	8	72	
Total Gallons to Drain	53		144		198		
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 LETST SEDIMENT FILTERS

LETST SPECIFICATIONS		SEDIMENT / TURBIDITY (FILTER-AG) FILTER		
Model Number		7-LETST-1B	7-LETST-2B	7-LETST-3B
Inlet/Outlet Fitting Options (Inches) <sup>1</sup>		0.75 - 1.0' - 1.25 - 1.5	0.75 - 1.0' - 1.25 - 1.5	0.75 - 1.0' - 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 Filter-Ag (Cubic Feet) <sup>2</sup>		1	2	3
Service Flow Rates (GPM) <sup>3</sup>	Superior (Best Water Quality)	2.7	4.6	5.4
	High (Very Good Water Quality)	4.1	6.9	8.0
	Utility (Satisfactory Water Quality)	5.5	9.2	10.7
Overall Height (Inches)		51.6	62.3	73.03
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	9.0	9.0
Water to Drain (Gallons)		53	144	198

<sup>1</sup>1.0 MNPT Elbow Standard - Options Available

<sup>2</sup>Mineral used: Filter-Ag is a silica, crystalline quartz media which can be used as highly efficient filter media for the reduction of suspended matter. Filter-Ag can reduce suspended solids down to the 20-40 micron range. Upon installation allow bed to soak overnight before backwashing. The mineral bed should be backwashed periodically to eliminate accumulated suspended matter and re-grade the bed.

<sup>3</sup>Basis for Service Flow Rates:

Superior: 5 GPM/SQ. FT. - Recommended for influent suspended solids loads up to and greater than 300 ppm.

High: 7.5 GPM/SQ. FT. - Recommended for influent suspended solids loads less than 300 ppm.

Utility: 10 GPM/SQ. FT. - Recommended for influent suspended solids loads less than 150 ppm.

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