

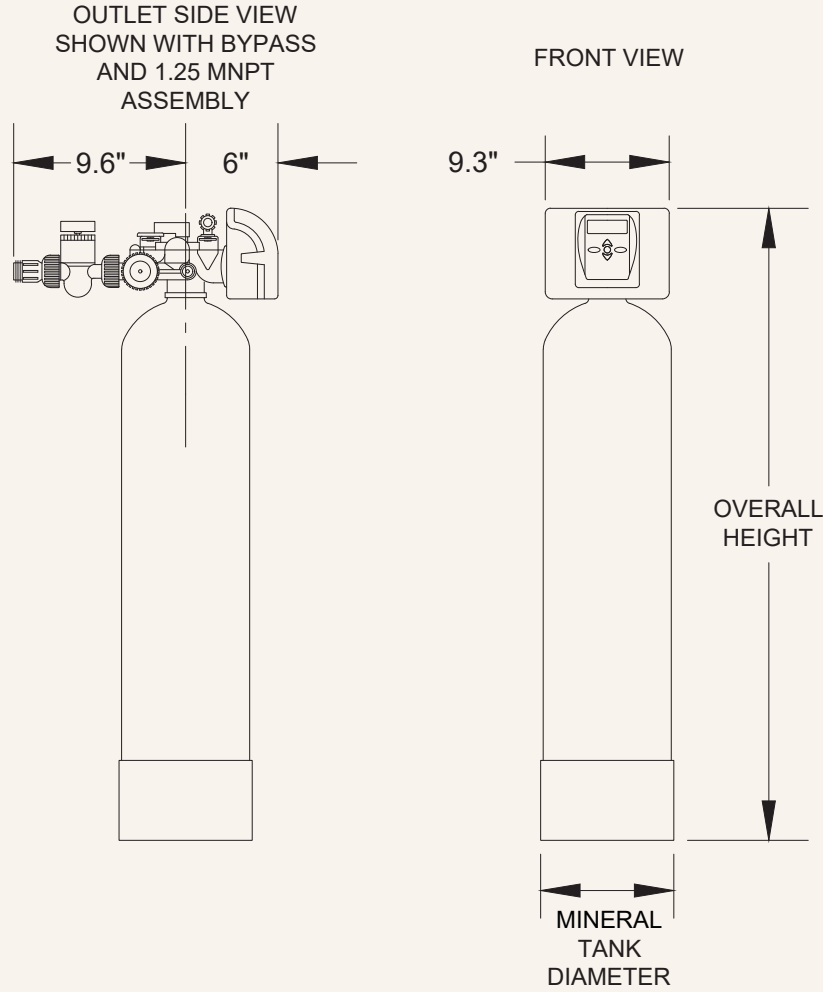


LANCASTER

WATER TREATMENT

DIAMOND LINE LX125F-ST - ESTATE SEDIMENT/TURBIDITY FILTERS

X-FACTOR SERIES LX125F-ST ESTATE SEDIMENT FILTERS



LX125F-ST PROGRAM CYCLES*		ESTATE SEDIMENT / TURBIDITY (FILTER-AG) FILTER				
Model Number	7-LX125F-ST-2B		7-LX125F-ST-3B		7-LX125F-ST-4B	
	Minutes	Gallons	Minutes	Gallons	Minutes	Gallons
1st Cycle: Backwash	10	90	10	100	10	150
2nd Cycle: Rinse	5	45	5	50	5	75
3rd Cycle: End	-	-	-	-	-	-
Total Gallons to Drain	135		150		225	
Total Minutes	15		15		15	
Days Between Backwash**	7		7		7	

*Factory Program Settings. To adjust cycle programming, consult factory.

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

X-FACTOR SERIES LX125F-ST ESTATE SEDIMENT FILTERS

LX125F-ST SPECIFICATIONS		ESTATE SEDIMENT / TURBIDITY (FILTER-AG) FILTER		
Model Number		7-LX125F-ST-2B	7-LX125F-ST-3B	7-LX125F-ST-4B
Inlet/Outlet Fitting Options (Inches) ¹		0.75 - 1.0 - 1.25 ¹ - 1.5	0.75 - 1.0 - 1.25 ¹ - 1.5	0.75 - 1.0 - 1.25 ¹ - 1.5
Bypass Included		Yes	Yes	Yes
Drain Fitting Elbow NPT (Inches)		3/4 NPT	3/4 NPT	1" NPT Straight Fitting
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
PC Board Relay Terminal Block DC Output (V)		12V DC	12V DC	12V DC
3 Volt Lithium Coin Cell Battery (Type)		2032	2032	2032
Amount of Filter-Ag (Cubic Feet) ²		2	3	4
Service Flow Rates (GPM) ³	Superior (Best Water Quality)	4.6	5.4	7.0
	High (Very Good Water Quality)	6.9	8.0	10.5
	Utility (Satisfactory Water Quality)	9.2	10.7	14.0
Overall Height (Inches)		55.3	72.73	72.33
Mineral Tank Size: Diameter x Height (Inches)		13 x 48	14 x 65	16 x 65
Bottom Distributor Type		Plate	Plate	Plate
Top Basket Distributor		No	No	No
Underbed Layer		No	No	No
Drain Line Flow Control (GPM)		9	10	15
Water to Drain (Gallons)		135	150	225

¹1.25 MNPT Standard - Options Available

²Mineral 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.

³Basis 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.