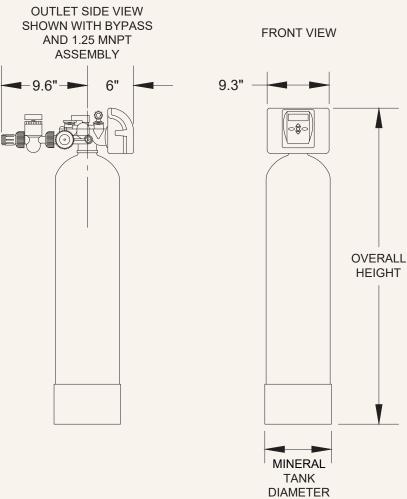


X-FACTOR SERIES LX125F-CAT ESTATE CARBON FILTERS



LX125F-CAT PROGRAM CYCLES*	ESTATE CATALYTIC CARBON FILTER						
Model Number	7-LX125F-CAT-2B		7-LX125F-CAT-3B		7-LXI25F-CAT-4B		
Units:	Minutes	Gallons	Minutes	Gallons	Minutes	Gallons	
lst Cycle: Backwash	10	100	10	100	10	150	
2nd Cycle: Rinse	5	50	5	50	5	75	
3rd Cycle: End	-	-	-	-	-	-	
Total Gallons to Drain	150		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-CAT ESTATE CARBON FILTERS

X125F-CAT SPE	CIFICATIONS	ESTATE CATALYTIC CARBON FILTER					
Model Number		7-LX125F-CAT-2B	7-LX125F-CAT-3B	7-LXI25F-CAT-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	I" 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 Catalytic Carbon (Cubic Feet) ²		2	3	4			
Recommended	Organics	2	3	4			
	Chloramine	3.74	5.6	7.48			
Turical	Continuous	4.6	5.4	7.0			
турісат	Intermittent (Peak)	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)		10	10	15			
Water to Drain (Gallons)		150	150	225			
	mber let Fitting Optio acluded ting Elbow NPT (essure Range (P erating Tempera ower Adapter In ower Adapter Ou ower Adapter Co Relay Terminal hium Coin Cell B f Catalytic Carb f Catalytic Carb Recommended Typical eight (Inches) Typical eight (Inches) Typical eight (Inches) tank Size: Diame istributor Type et Distributor I Layer e Flow Control (let Fitting Options (Inches)' ncluded ting Elbow NPT (Inches) essure Range (PSI) erating Temperature Range (°F) ower Adapter Input (VAC - Hz - A) ower Adapter Output (VDC - A) ower Adapter Cord Length (FT) Relay Terminal Block DC Output (V) hium Coin Cell Battery (Type) f Catalytic Carbon (Cubic Feet) ² Recommended Typical Typical istributor Continuous istributor Type et Distributor I Layer e Flow Control (GPM)	mber 7-LX125F-CAT-2B let Fitting Options (Inches)' 0.75 - 1.0 - 1.25' - 1.5 ncluded Yes ting Elbow NPT (Inches) 3/4 NPT essure Range (PSI) 20 - 100 erating Temperature Range (°F) 35 - 100 ower Adapter Input (VAC - Hz - A) 120V AC - 60Hz - 0.35A ower Adapter Output (VDC - A) 15V DC - 0.5A ower Adapter Cord Length (FT) 15 FT Relay Terminal Block DC Output (V) 12V DC hium Coin Cell Battery (Type) 2032 f Catalytic Carbon (Cubic Feet)2 2 Recommended Organics 2 Chloramine 3.74 Typical Continuous 4.6 Intermittent (Peak) 9.2 eight (Inches) 55.3 Sank Size: Diameter x Height (Inches) 13 x 48 istributor Type Plate et Distributor No I Layer No	mber7-LX125F-CAT-2B7-LX125F-CAT-3Blet Fitting Options (Inches)10.75 - 1.0 - 1.251 - 1.50.75 - 1.0 - 1.251 - 1.5ncludedYesYesting Elbow NPT (Inches)3/4 NPT3/4 NPTessure Range (PSI)20 - 10020 - 100erating Temperature Range (°F)35 - 10035 - 100ower Adapter Input (VAC - Hz - A)I20V AC - 60Hz - 0.35AI20V AC - 60Hz - 0.35Aower Adapter Output (VDC - A)15V DC - 0.5A15V DC - 0.5Aower Adapter Cord Length (FT)15 FT15 FTRelay Terminal Block DC Output (V)12V DC12V DChium Coin Cell Battery (Type)20322032f Catalytic Carbon(Cubic Feet)223RecommendedOrganics23(Intermittent (Peak)9.210.7eight (Inches)55.372.73rank Size: Diameter x Height (Inches)13 x 4814 x 65istributor TypeNoNoe Flow Control (GPM)1010			

DIAMOND LINE LX125F-CAT

ī.

ESTATE

CATALYTIC

CARBON

FILTERS

11.25 MNPT Standard - Options Available 2Mineral used: Catalytic-High Activated Carbon (CAT-HAC). Used for removal of chlorine, chloramine, color, taste, odor and low levels of sulfur, etc. The catalytic activity of Catalytic 2 Mineral used: Catalytic-High Activated Carbon (CAT-HAC). Used for removal of chlorine, chloramine, color, taste, odor and low levels of sulfur, etc. The catalytic activity of Catalytic Carbon makes it highly effective for the reduction of chloramines and hydrogen sulfide from potable water. To insure effective removal of hydrogen sulfide and iron, 4 ppm (mg/L) dissolved oxygen content is required (see AquaNue models). Catalytic Carbon's large micropore volume is well suited for removal of low molecular weight organic compounds and their chlorinated by-products such as chloroform and other trihalomethanes (THMs). 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. Catalytic Carbon has an extremely high capacity but must be replaced when the filter bed loses the capacity for reduction of chloramines and hydrogen sulfide.

³Basis for Service Flow Rates:

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Continuous - 5 GPM/SQ. FT. Intermittent (Peak) - 10 GPM/SQ. FT.

Organics: 1 GPM/CU. FT.

Higher flow rates are possible, however lower flow rates produce higher quality water. Empty Bed Contact Time for Chloramine Removal using Catalytic Carbon ... at least 4 minutes.

Service Flow Rate (GPM) = Bed Volume (CU. FT.) x 7.481 Gallons/CU. FT.

Empty Bed Contact Time in Minutes



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