



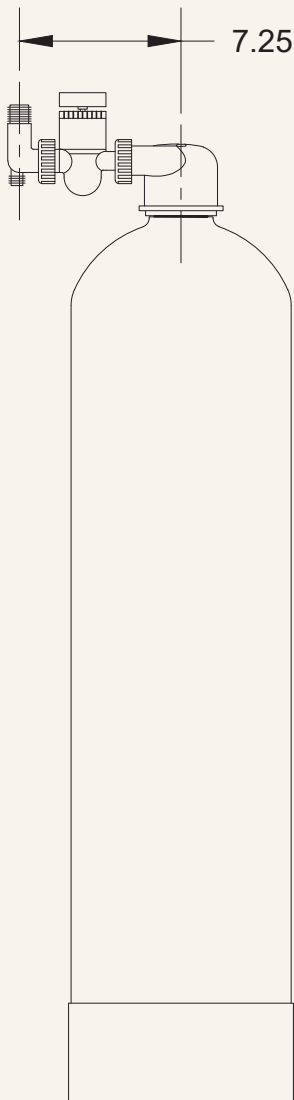
LANCASTER

WATER TREATMENT

UP-FLOW UFCT - CARBON FILTERS

UP-FLOW SERIES UFCT CARBON FILTERS

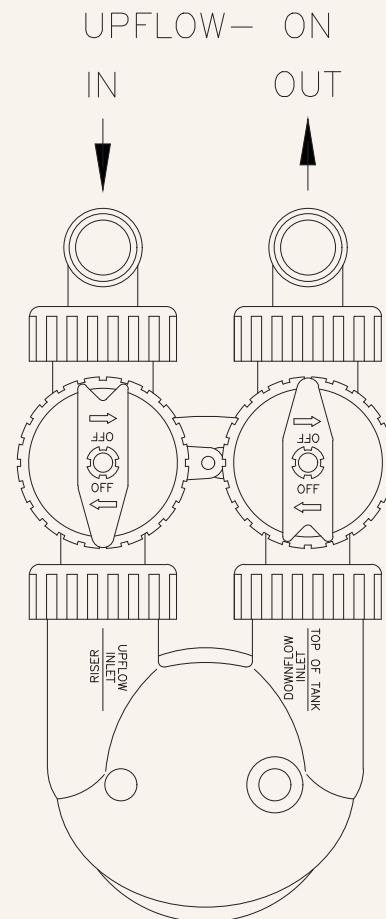
INLET SIDE VIEW
SHOWN WITH BYPASS
AND
1.0 MNPT ELBOW ASSEMBLY



FRONT
VIEW



ENLARGED TOP VIEW
OF IN/OUT HEAD, BYPASS
AND
1.0 MNPT ELBOW ASSEMBLY



UP-FLOW SERIES UFCT CARBON FILTERS

UFCT SPECIFICATIONS				CARBON FILTER		
Model Number				7-UFCT-1B	7-UFCT-2B	7-UFCT-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
In / Out Head I191 (Part Number)				DI400	DI400	DI400
Bypass Included				Yes	Yes	Yes
Water Pressure Range (PSI)				20 - 100	20 - 100	20 - 100
Water Operating Temperature Range (°F)				35 - 100	35 - 100	35 - 100
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)				49.3	60	70.73
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

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 putting filter into service. 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.