ESS Commercial Series

1.25” Carbon Filters

Atlantic Filter’s ESS 1.25” Hi-Flow Commercial Series Systems are suitable for commercial applications with flow rates up to 24 gallons per min. (per tank) and with “optional” tank configurations for applications requiring higher flow rates or 24/7 uninterrupted filtered water.

Features

- Utilizes Atlantic Filter’s ESS Smart-Valve Technology
- Fully Automatic Lead-Free “Hi-Flow” Control
- WQA & NSF/ANSI Certified Filter Media
- Corrosion Resistant Solid Fiberglass Construction
- Atlantic Filter’s Premium Parts & Labor Warranty

Applications

- Hospitality/ Lodging
- Public Drinking Water
- Educational Facilities
- Car Washes
- Commercial Laundries
- Boilers
- Healthcare Facilities
- Hospitals
- Country Clubs
- Pretreatment— For softeners & RO systems
- Many other applications

Benefits

- Reduces chlorine/chloramines & DBP’s
- Improves taste & clarity of water for drinking/bottling
- Reduces turbidity & particulate matter
- Reduces wear & tear on all water using appliances & processing equipment
- Greatly improves overall water quality for a multitude of applications

ATLANTIC *T&O CARBON* FILTERS:

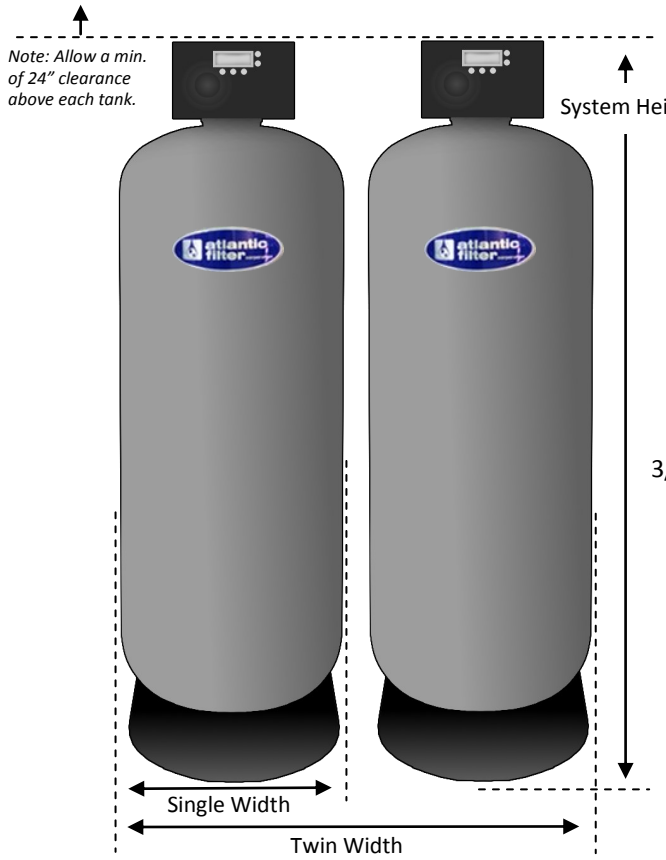
Atlantic *T&O Carbon* Filters use a "acid-washed" coal based or coconut shell material which produces long life and high adsorptive capacities. T&O Carbon Filters may be used **for the removal of chlorine, tastes, odors, and other organic matter.** These units are commonly run at the continuous flow rate of 5-10GPM/ft^2. For dechlorination purposes only, a flow rate of 10 GPM/ft^2. is common. **SPECIFY *T&O* WHEN ORDERING**

ATLANTIC *CR CARBON* FILTERS:

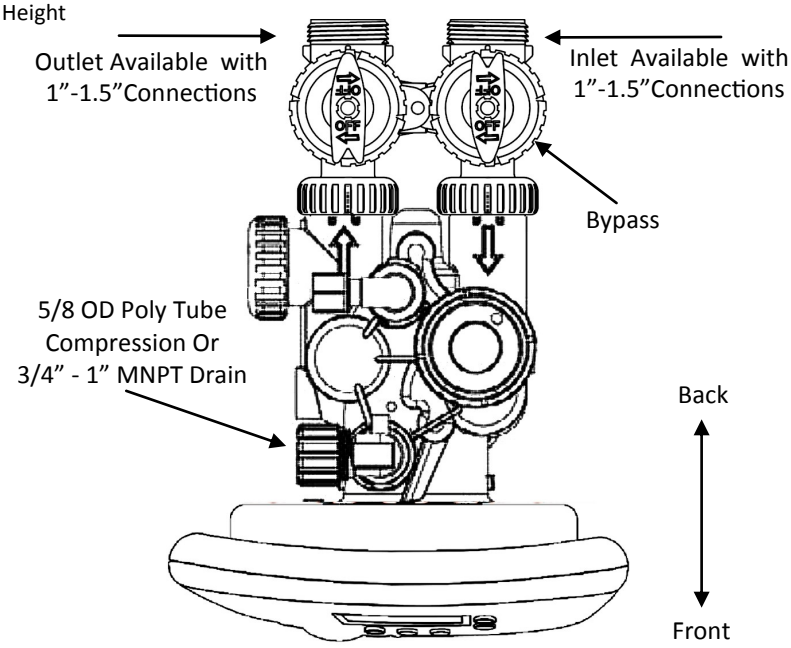
Atlantic *CR Carbon* Filters use a lignite based material which produces long life and high adsorptive capacities. CR Carbon Filters may be used **for the removal of chlorine, tastes, odors, color and other organic matter.** These units are commonly run at a continuous flow rate of 5-10GPM/ft^2. For color removal purposes only, a flow rate of 3 -5GPM/ft^2. is common. **SPECIFY *CR* WHEN ORDERING.**

ATLANTIC *CATALYTIC CARBON* FILTERS:

Atlantic *Catalytic Carbon* Filters use a bituminous coal or coconut shell material that concentrates reactants via adsorption and promotes their reaction on the surface of the media. These filters are specifically used for **chloramine and hydrogen sulfide removal.** These units are commonly run at a continuous flow rate of 5-10GPM/ft^2. However, lower flow rates will provide greater removal capabilities depending on the source water quality. **SPECIFY *CATALYTIC* WHEN ORDERING**



Top View



Note: All width dimensions include 6" spacing each side of each unit to provide proper clearances for servicing equipment.

Specifications

MODEL	MINERAL TANK			FLOW RATE		
	TANK SIZE	Carbon Ft^3	GRAVEL	5 GPM/FT^2	10 GPM/FT^2	BKW GPM
ESSCV125TC10	10"x54"	1.5	25 lbs.	2.75 GPM	5.50 GPM	5.3
ESSCV125TC13	13"x54"	2	35 lbs.	3.95 GPM	7.90 GPM	7.5
ESSCV125TC14	14"x65"	3	60 lbs.	5.35 GPM	10.70 GPM	10
ESSCV125TC16	16"x65"	4	80 lbs.	7.00 GPM	14.00 GPM	13
ESSCV125TC18	18"x65"	5	100 lbs.	8.85 GPM	17.70 GPM	15
ESSCV125TC21	21"x62"	7	150 lbs.	12.00 GPM	24.00 GPM	20

Dimensions

MODEL #	SYSTEM HEIGHT	SINGLE WIDTH	TWIN WIDTH
ESSCV125TC10	62 (in.)	22 (in.)	38(in.)
ESSCV125TC13	62 (in.)	25 (in.)	44(in.)
ESSCV125TC14	72 (in.)	26 (in.)	46(in.)
ESSCV125TC16	72 (in.)	28 (in.)	50 (in.)
ESSCV125TC18	73 (in.)	30 (in.)	54 (in.)
ESSCV125TC21	74 (in.)	33 (in.)	60 (in.)