



## Series EWS 1.5" Simplex Commercial Activated Coconut Shell Carbon Filter

### STANDARD FEATURES

- ◆ 1 ½" NPT inlet and outlet top mounted lead free brass epoxy coated control valve.
- ◆ Electronic flow meter with accuracy within plus or minus 5 percent, flow rate range 0.5 to 60 gpm. Gallons range 500 to 250,000, totalizer 1 to 9,999,000 gallons.
- ◆ Service flow rate up to 60 gpm, peak flow rate up to 68 gpm, backwash flow rates up to 50 gpm.
- ◆ Fully adjustable 6 cycle controls backwash, slow/fast rinse and service. 2 additional cycles for backwash or rinse.
- ◆ Cycles of operation. Cycle One backwash 1-20 minutes or off, Cycle Two slow rinse 1-99 minutes or off, Cycle Three second backwash 1-20 minutes or off, Cycle Four fast rinse 1-20 minutes or off, Cycle Five service.
- ◆ Four methods to initiate regeneration, meter immediate, meter delayed, time clock delayed or pressure differential.
- ◆ 1 ½" water distribution system utilizing single point distributor or hub and laterals for maximum flowrates.
- ◆ Operating pressure 20-125 psi / 138-861 kpa, operating temperature 40°F - 110°F (5°C - 44°C).
- ◆ Solid state microprocessor c/w display for time of day, days until next regeneration, volume remaining, current flow rate and total volume used (totalizer).
- ◆ Double backwash for optimum regeneration cleaning ability.
- ◆ 12 volt output AC transformer. 12 or 24 hour time clock.
- ◆ 1 - 28 days override on control valve programming.
- ◆ 1 ¼" FPT drain line.

## Excalibur Water EWS 1.5" Simplex Commercial Activated Coconut Shell Carbon Filter - SPECIFICATIONS

Model	Filter Tank Dia. X Ht.	Pipe Size Inlet/Outlet	Approx. Space Required Ins - (mm)				Shipping Weight  Single Lbs (Kg.)
			Inches (mm)	Inches (mm)	Height	Depth	
EWS F15CS3	14 x 65 (355 x 1651)	1.5 x 1.5 (50 x 50)	73 (1854)	20 (508)	26 (660)	52 (1320)	350 (159)
EWS F15CS4	16 x 65 (406 x 1651)	1.5 x 1.5 (38 x 38)	73 (1854)	22 (558)	28 (711)	56 (1422)	425 (193)
EWS F15CS5	21 x 62 (533 x 1574)	1.5 x 1.5 (38 x 38)	70 (1778)	27 (685)	33 (838)	66 (1676)	525 (238)
EWS F15CS6	21 x 62 (533 x 1574)	1.5 x 1.5 (38 x 38)	70 (1778)	27 (685)	33 (838)	66 (1676)	550 (250)
EWS F15CS7	21 x 62 (533 x 1574)	1.5 x 1.5 (38 x 38)	70 (1778)	27 (685)	33 (838)	66 (1676)	575 (261)
EWS F15CS8	24 x 72 (609 x 1828)	1.5 x 1.5 (38 x 38)	80 (2032)	30 (762)	36 (914)	72 (1828)	650 (295)

Model	Media Volume Per Vessel Cubic Ft (Cubic Meters)	Total Media Capacity Cubic Ft (Cubic Meters)	Dechlorination Per Vessel		Organics Absorption Per Vessel		BKW GPM (LPS)
			Continuous Flow Rate 15 Psi Pressure Drop (LPS)	Peak Flow Rate (LPS)	Continuous Flow Rate 15 Psi Pressure Drop (LPS)	Peak Flow Rate (LPS)	
EWS F15CS3	3 (.084)	3 (.084)	10 (.63)	15 (.94)	5 (.31)	8 (.50)	20 (1.26)
EWS F15CS4	4 (.112)	4 (.112)	12 (.75)	18 (1.13)	8 (.50)	12 (.75)	20 (1.26)
EWS F15CS5	5 (.14)	5 (.14)	15 (.94)	22 (1.38)	10 (.63)	15 (.94)	20 (1.26)
EWS F15CS6	6 (.168)	6 (.168)	18 (1.13)	27 (1.70)	12 (.75)	18 (1.13)	20 (1.26)
EWS F15CS7	7 (.196)	7 (.196)	21 (1.32)	32 (2.02)	16 (1.00)	24 (1.51)	20 (1.26)
EWS F15CS8	8 (.224)	8 (.224)	24 (1.51)	36 (2.27)	20 (1.26)	30 (1.89)	20 (1.26)

EWS HR5 IS AN 12X40 MESH ACID WASHED GRANULAR ACTIVATED COCONUT SHELL CARBON IS DESIGNED FOR HIGH EFFICIENCY WATER PURIFICATION. THE ACTIVATED COCONUT SHELL CARBON IS MANUFACTURED BY HIGH TEMPERATURE STEAM ACTIVATION UNDER RIGIDLY CONTROLLED CONDITIONS. ADDITIONAL PROCESSING REDUCES ASH, FINES, AND DUST. THE COCONUT SHELL CARBON IS A DURABLE GRANULAR PRODUCT CAPABLE OF WITHSTANDING THE ABRASION AND DYNAMICS ASSOCIATED WITH REPEATED HYDRAULIC TRANSPORT, BACKWASHING AND MECHANICAL HANDLING. ACTIVATION IS CAREFULLY CONTROLLED TO PRODUCE EXCEPTIONALLY HIGH INTERNAL SURFACE AREA WITH OPTIMUM PORE SIZE FOR THE ADSORPTION OF A BROAD RANGE MOLECULAR WEIGHT ORGANIC CONTAMINANTS. THE PHYSICAL CHARACTERISTICS OF THIS COCONUT SHELL ACTIVATED CARBON, INCLUDING ITS HIGH MICROPOROSITY AND SUPERIOR HARDNESS, MAKES IT AN IDEAL CHOICE FOR CHEMICAL REDUCTION FILTRATION SYSTEMS. THIS COCONUT SHELL CARBON IS ESPECIALLY EFFECTIVE FOR ABSORBING TRACE ORGANIC COMPOUNDS SUCH AS THMs, PESTICIDES, VOLATILE CHEMICALS, CHLORINE AND DISINFECTION BYPRODUCTS. THE COCONUT SHELL CARBON HR5 IS CERTIFIED TO NSF STANDARD 61.

**Canada**

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