



Series EWS 3.0" Duplex Commercial Activated Coconut Shell Carbon Filter

STANDARD FEATURES

- ◆ 3" NPT inlet and outlet lead free brass control valve, c/w Nema 3R enclosure is water resistant
- ◆ Electronic flow meters for each control valve, accuracy plus or minus 5 percent, flow rate 7 to 300 GPM
- ◆ Service flow rates to 250 GPM continuous (15 PSI Pressure Drop), peak flow rates to 325 GPM (25 PSI Pressure Drop)
- ◆ Fully adjustable 5 cycle control valve that controls upflow backwash, downflow brining, slow rinse, rapid rinse, and down flow service
- ◆ Progressive flow, parallel flow, alternating on demand treated water.
- ◆ Five methods to initiate regeneration: meter immediate, meter delayed, time clock delayed, pressure differential, or remote start
- ◆ 3" water distribution system utilizing hub and laterals for maximum flow rates
- ◆ Operating pressure 20 - 125 PSI / 138 - 861 KPA
- ◆ Operating temperature 40°F - 110°F (5°C - 44°C)
- ◆ System designs up to 4 vessels
- ◆ Electronic controller can network up to 4 vessels, field configurable for any flow meter, remote start, remote lockout, variable reserve, flow rate, peak flow rate, totalizer, hours between last two regenerations, hours since last regeneration, adjustable volume remaining, value position programming levels
- ◆ Time of day adjustment
- ◆ Quick programming - adjust hardness, regeneration, time and day override
- ◆ Master programming: configure value type, regeneration type, remote start/lock, US or European time/Volume display, system capacity safety factor, hardness, cycle stop times, flow meter size, auxiliary delay operation
- ◆ 24 volt output AC transformer, 7, 12 day clock or meter initiated
- ◆ Gravel under bedding for improved filtration during regeneration

Excalibur Water EWS 3" Duplex Commercial Activated Coconut Shell Carbon Filter - SPECIFICATIONS

Model	Filter Tank Dia. X Ht.	Pipe Size Inlet/Outlet	Approx. Space Required Ins - (mm)				Shipping Weight	Shipping Weight
	Inches (mm)	Inches (mm)	Height	Depth	Width Single Duplex		Single Lbs (Kg.)	Duplex Lbs (Kg.)
EWS FD3CS18	36 x 72 (914 x 1828)	3 x 3 (75 x 75)	90 (2286)	42 (1066)	42 (1066)	96 (2438)	1232 (560)	2462 (1119)
EWS FD3CS24	42 x 72 (1066 x 1828)	3 x 3 (75 x 75)	90 (2286)	48 (1219)	48 (1219)	108 (2743)	2098 (953)	4196 (1907)
EWS FD3CS32	48 x 72 (1219 x 1828)	3 x 3 (75 x 75)	90 (2286)	54 (1371)	54 (1371)	120 (3048)	2540 (1154)	5080 (2309)

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 FD3CS18	18 (.50)	36 (1.00)	185 (11.67)	250 (15.77)	125 (7.88)	156 (9.84)	70 (4.42)
EWS FD3CS24	24 (.67)	48 (1.34)	200 (12.61)	268 (16.90)	134 (8.45)	175 (11.04)	85 (5.36)
EWS FD3CS32	32 (.89)	64 (1.79)	213 (13.43)	280 (17.66)	140 (8.83)	180 (11.36)	100 (6.30)

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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