



COAL CARBON FILTER MEDIA LOADING															
Filter Tank Size	2/4 Gravel			8/16 Sand			Coal Carbon				Recommended Flow Rates LPM				
	Kgs	Bag Qty	Order Qty	Kgs	Bag Qty	Order Qty	Kgs	Vol. L	Bag Qty	Order Qty	Service MIN 7 m/hr	Service MAX 12.5 m/hr	Service PEAK 25.5 m/hr	B/Wash MIN 25.5 m/hr	B/Wash MAX 30 m/hr
9x48	-	-	-	7.50	0.40	1.00	14.25	28.50	1.10	2.00	4.80	8.50	17.40	17.40	20.50
10x54	-	-	-	10.00	0.50	1.00	17.75	35.50	1.40	2.00	6.00	10.60	21.70	21.70	25.50
12x52	-	-	-	15.00	0.80	1.00	28.25	56.50	2.30	3.00	8.50	15.20	31.00	31.00	36.50
13x54	-	-	-	20.00	1.00	1.00	31.75	63.50	2.50	3.00	10.00	17.90	36.60	36.60	43.00
14x65	-	-	-	25.00	1.30	2.00	42.50	85.00	3.40	4.00	11.60	20.60	42.10	42.10	49.50
16x65	20.00	1.00	1.00	10.00	0.50	1.00	49.50	99.00	4.00	4.00	15.20	27.10	55.30	55.30	65.00
18x65	25.00	1.30	2.00	18.00	0.90	1.00	63.75	127.50	5.10	6.00	18.70	33.30	68.00	68.00	80.00
21x62	40.00	2.00	2.00	25.00	1.30	2.00	85.00	170.00	6.80	7.00	25.70	45.80	93.50	93.50	110.00
24x72	60.00	3.00	3.00	30.00	1.50	2.00	113.25	226.50	9.10	10.00	33.80	60.40	123.30	123.30	145.00
30x72	120.00	6.00	6.00	60.00	3.00	3.00	184.00	368.00	14.70	15.00	53.70	95.80	195.50	195.50	230.00
36x72	160.00	8.00	8.00	80.00	4.00	4.00	261.75	523.50	20.90	21.00	77.00	137.50	280.50	280.50	330.00
42x72	300.00	15.00	15.00	100.00	5.00	5.00	382.00	764.00	30.60	31.00	103.80	185.40	378.30	378.30	445.00
48x72	475.00	23.80	24.00	120.00	6.00	6.00	523.50	1047.00	41.90	42.00	136.50	243.80	497.30	497.30	585.00
63x86	975.00	48.80	49.00	250.00	12.50	13.00	775.00	1550.00	62.00	62.00	234.60	419.00	854.70	854.70	1005.50

Service & Backwash Flow Rates shown are based on general recommended rates for normal conditions as per Carbon Activated's brochure.

Coal Carbon Bag QTY: Based on 12.5KG Bags

Underbed 2/4 Gravel & 8/16 Sand Bag QTY: Based on 20KG Bags

Important Note: A number of calculations have been rounded off.