



# SPECIFICATION SHEET

## CARBON BLOCK FILTERS

The perfect carbon block filter is made from Coconut Shell Carbon and coal, which creates what many believe to be sweeter tasting water. The unique pore structure of this carbon is well suited for chemical adsorption, including VOC's, while reducing chlorine and chemicals that contribute to taste and odour.

### Features

High chlorine, taste & odour reduction

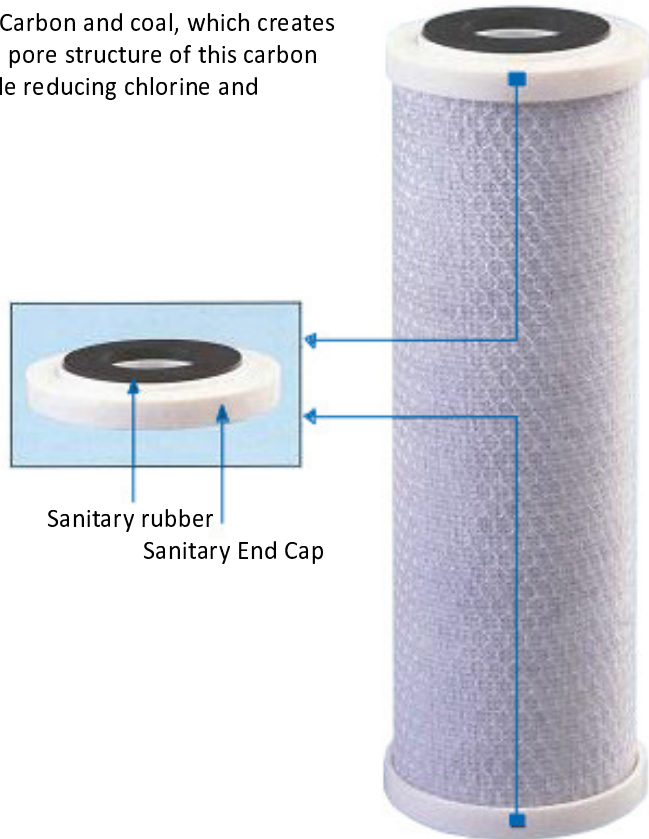
- No release of carbon fines
- Low pressure drop
- 5 micron filtration
- Meets the requirements of the FDA for food and beverage contact

### Applications

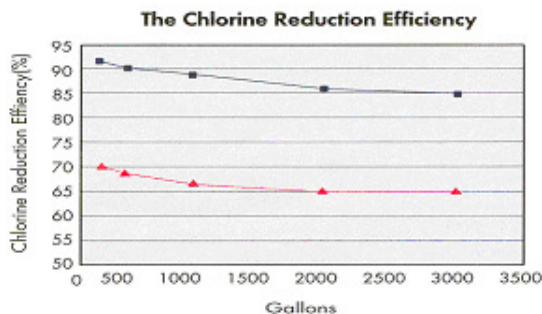
- Ideal for residential and food service applications where improving the taste of water is the primary objective.

### Operation Data

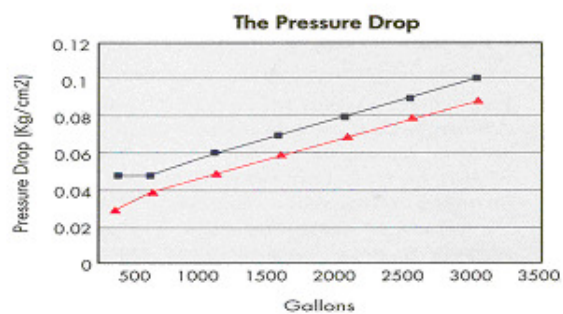
Maximum Operating Temperature:	40°C
Maximum Operating Pressure:	17.5Kg/cm <sup>2</sup>
Maximum Differential Pressure:	7Kg/cm <sup>2</sup>
Collapse Pressure:	14Kg/cm <sup>2</sup>



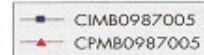
### High Performance



Conditions:  
 1. Filter length 10"  
 2. Chlorine concentration: 2ppm  
 3. Flow rate: 5lpm  
 4. Test temp: room temp



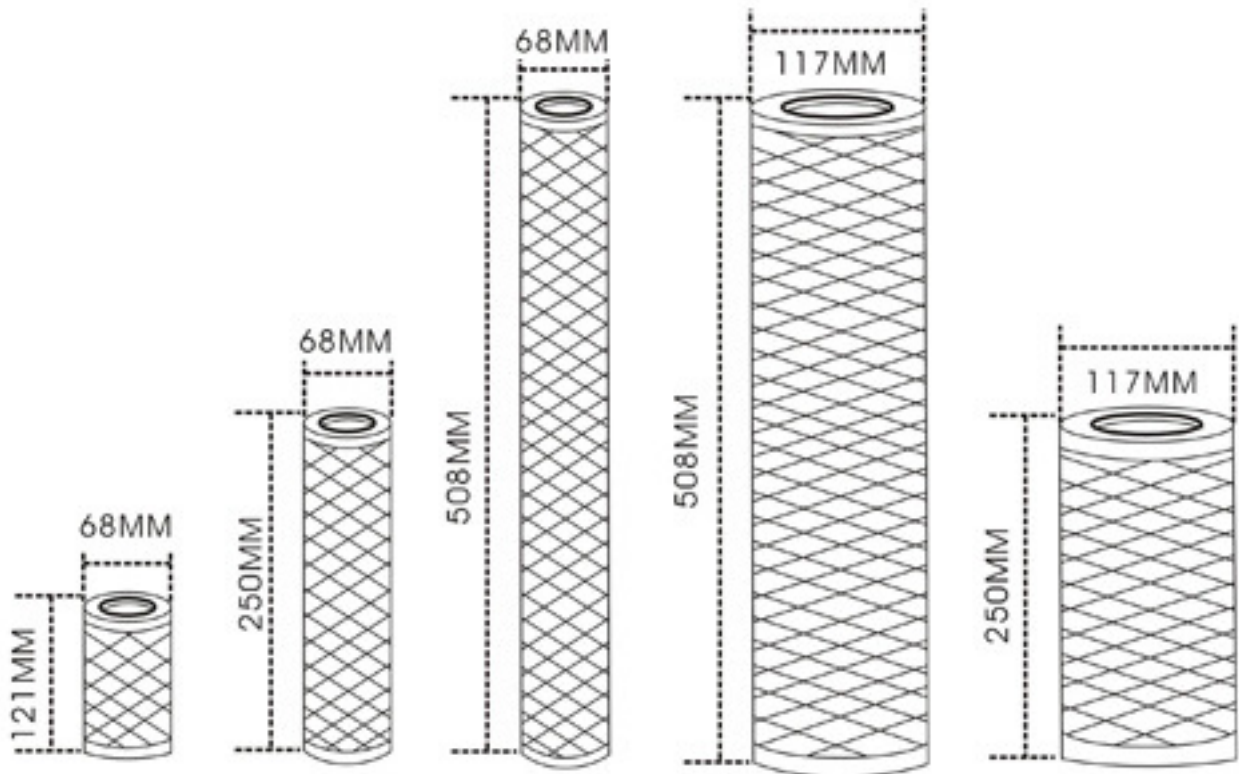
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### Specifications

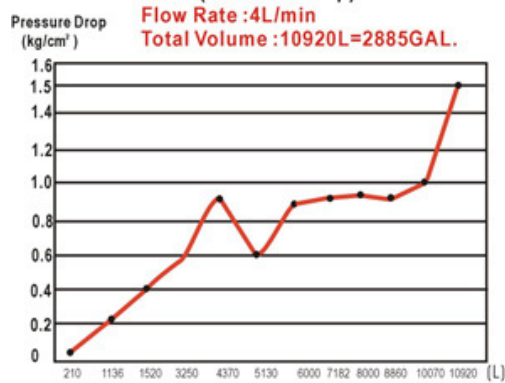
Item No.	O.D.x Length	Chlorine Reduction	Chlorine Capacity @Flow	µm Rating	Initial Δp @Flow
CIMB0987005	2.5" x 9.87"	85%	>3000 gal@5lpm	5µm	0.05Kg/cm <sup>2</sup> @5Lpm
CIMB2000005	2.5" x 20"	85%	>7000 gal@5lpm	5µm	0.05Kg/cm <sup>2</sup> @10Lpm





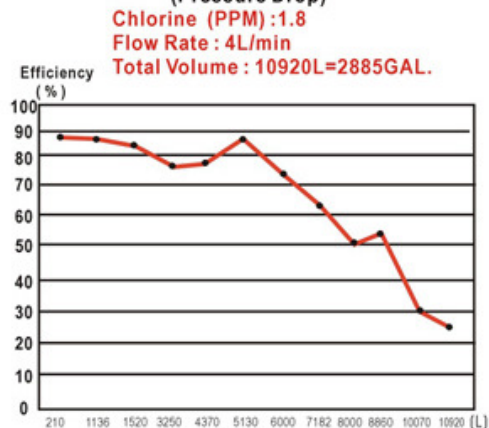
Part Number	OD x Length	Chlorine Capacity	Nominal $\mu\text{m}$ Rating	Initial $\Delta\text{P}$ @ Flow
APC-10	68mm x 250mm	>3000G @ 1.0gpm	1, 5, 10 $\mu\text{m}$	2.0psi @ 1gpm
APC-20	68mm x 502mm	>7000G @ 2.0gpm	5 $\mu\text{m}$	2.0psi @ 2.0gpm
APC-1045	117mm x 243mm	>10000G @ 3.0gpm	5 $\mu\text{m}$	4.0psi @ 3.0gpm
APC-2045	117mm x 500mm	>20000G @ 7.0gpm	5 $\mu\text{m}$	5.5psi @ 5.0gpm

**Carbon Block Cartridge  
(Pressure Drop)**



Flow (L) Volume	Pressure Drop (kg/cm <sup>2</sup> )
210	0.08
1136	0.20
1520	0.40
3250	0.80
4370	0.90
5130	0.60
6000	0.85
7182	0.88
8000	0.90
8860	0.89
10070	1.00
10920	1.60

**Carbon Block Cartridge  
(Pressure Drop)**



Flow(L) Volume	Chlorine(%) Rejection Efficiency
210	89
1136	88
1520	85
3250	75
4370	78
5130	88
6000	73
7182	65
8000	52
8860	54
10070	30
10920	28