

### PC Carbon Radial Flow Cartridges.

The primary functions of activated carbon are the removal of chlorine, volatile organic compounds (VOCs), chlorinated hydrocarbons and organic impurities whilst acting as a mechanical filter for particulate reduction due to the cartridge construction.

The PC range of GAC (water-washed lignite) carbon cartridges is designed to flow radially with a large mesh size. They exhibit low pressure drops throughout the cartridge life. Have high-flow characteristics and a 70 micron porous outer and 10 micron inner. The PC range of cartridges are ideally suited to applications where suspended particulate matter is present that would plug a GAC or carbon block. Short contact time allows for an average 90% chlorine and organic reduction over the life span of the cartridge, although lower than GAC and carbon blocks type cartridges there are adequate for many applications.

PC Carbon Cartridge Code	Dimensions
PC/C70-10	70mm dia. X 10" Long
PC/C 70-30	70mm dia. X 30" Long
PC/C 70-40	70mm dia. X 40" Long
PC/C 117-10	117mm dia. X 10" Long
PC/C 117-20	117mm dia. X 20" Long

### Temperature Rating 52° C.

PC Carbon Cartridge Code	Chlorine reduction (litres) Flow L/min. @ ( $\Delta$ psi)	Micron rating/efficiency
PC/C70-10	7,600 @ 3.8 (1)	10/75%
PC/C 70-20	15,200 @ 7.6 (1)	10/75%
PC/C 70-30	22,800 @ 11.4 (1)	10/75%
PC/C 117-10	28,000 @ 7.6 (0.31)	10/75%
PC/C 117-20	51,000 @ 15.1 (0.12)	10/75%

**Cartridge end cap specifications for 70mm diameter cartridges, standard and bespoke lengths available on request. 117mm diameter cartridges available in DOE end cap type.**

