



## CPC SERIES *Chadson pre-coat filters*

CPC filters are uniquely manufactured from FRP resin systems specifically selected for Australia's harsh conditions.

The CPC Series offers all the functional benefits expected of a modern Regenerative Media Filter (RMF). Apart from reaching a far higher degree of clarification much quicker than other common forms of filtration, the CPC series also provides many environmental benefits.

With its unique particle selectivity, CPC filters can provide protection against modern chlorine resistant pathogens and organisms relating to swimmers' itch. The high process efficiency of CPC series will simplify pool water chemistry and reduce reliance upon harsh and objectional chemicals. Chemically complicated coagulants are not required for CPC filters.

CPC filters are extremely compact. Apart from far less plant space, they can also operate with significantly smaller balance tanks and backwash tanks. All these factors help to contain construction costs.



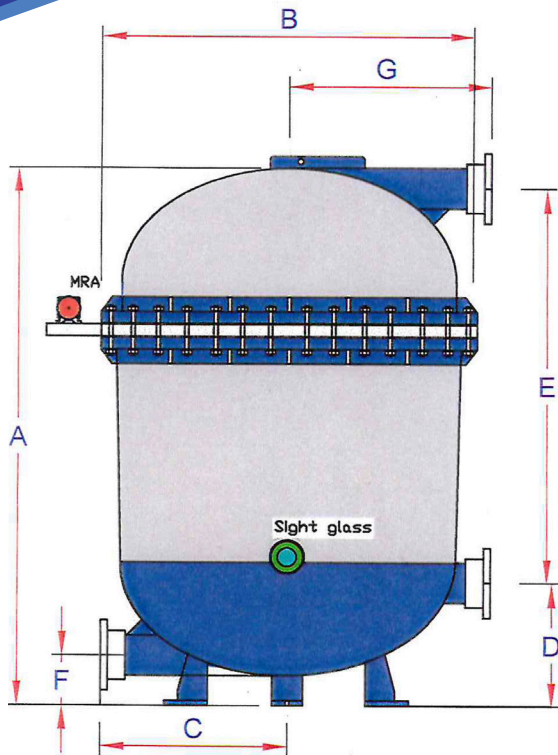
### KEY FEATURES AT A GLANCE

- Wide range of filter models to suit every conceivable pool size.
- Suitable for fresh or saltwater swimming pools.
- Can be comfortably operated using suitable grades or Perlite or Diatomaceous Earth.
- Simple operation without the need for sensors, switches, computer control, and an air compressor.
- Does not require any sophisticated automatic valves with complicated operating steps
- Non-corrosive construction materials. No need to equipotential bond the filter vessel.
- Large diameter, rigid candle cores - generously spaced to mitigate bridging and clogging.
- Easy to service and replace "long life" Polypropylene filter socks.
- Simple and easy to understand "single pass" precoating. Does not require the time and the extra plant space necessary for close loop precoating.
- A dustless Wet-Vac precoating system that does not require the filter to be drained prior to precoating.
- Simple to clean by conventional "reverse-flow" backwashing, with the option of a gravity drain-down.
- The Media Release Accelerator (MRA) is a passive inclusion, which enhances cake release, without the fear of over-pressurizing the filter vessel.
- The Lift'n'Swing davit provides quick access inside the filter – no need for a monorail & chain blocks.
- Standard fitments include a vacuum breaker, auto air release, twin gauge panel, sight glass.



*CPC Filters are proudly designed & manufactured in Australia. Locally made filters provide many tangible benefits for pool Owners, all levels of government, the aquatics industry and potentially all Australians. Apart from anything else, buying Australian-Made makes good economic sense.*

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OUTLINE DIMENSIONS							
MODEL No	A	B	C	D	E	F	G
CPC 850-12	1595	1010	525	420	1120	195	575
CPC 850-16	1875	1010	525	420	1400	195	575
<b>CPC 850-18</b>	<b>2015</b>	<b>1010</b>	<b>525</b>	<b>420</b>	<b>1540</b>	<b>195</b>	<b>575</b>
CPC 1000-18	1655	1200	650	420	1155	220	655
CPC 1000-24	1935	1200	650	420	1435	220	655
<b>CPC 1000-26</b>	<b>2075</b>	<b>1200</b>	<b>650</b>	<b>420</b>	<b>1575</b>	<b>220</b>	<b>655</b>
CPC 1200-30	1740	1360	750	470	1190	220	760
CPC 1200-40	2020	1360	750	470	1470	220	760
<b>CPC 1200-45</b>	<b>2160</b>	<b>1360</b>	<b>750</b>	<b>470</b>	<b>1610</b>	<b>220</b>	<b>760</b>
CPC 1500-45	1955	1700	850	500	1350	220	945
CPC 1500-60	2235	1700	850	500	1630	220	945
<b>CPC 1500-65</b>	<b>2375</b>	<b>1700</b>	<b>850</b>	<b>500</b>	<b>1770</b>	<b>220</b>	<b>945</b>
CPC 1700-60	2110	1910	950	615	1365	250	1030
CPC 1700-79	2390	1910	950	615	1645	250	1030
<b>CPC 1700-85</b>	<b>2530</b>	<b>1910</b>	<b>950</b>	<b>615</b>	<b>1785</b>	<b>250</b>	<b>1030</b>
CPC 2000-80	2265	2250	1150	640	1475	250	1220
CPC 2000-112	2545	2250	1150	640	1755	250	1220
<b>CPC 2000-123</b>	<b>2685</b>	<b>2250</b>	<b>1150</b>	<b>640</b>	<b>1895</b>	<b>250</b>	<b>1220</b>

## TECHNICAL DETAILS

CPC model	Filter area (m <sup>2</sup> )	Flow (m <sup>3</sup> /hr) Min - Max 1.6m <sup>3</sup> /hr/m <sup>2</sup> To 4.89m <sup>3</sup> /hr/m <sup>2</sup>	Backwash flow by pressure (Max l/sec)	Wash water by gravity drain down (m <sup>3</sup> )	Media weight D/E (kg's)	Media weight Perlite (kg's)	Service weight (kg's)	Shipping weight (kg's)	In/out filter connection (mm)
CPC850-12	12	19 - 58	16	1.8	7	5.25	1300	300	100
CPC850-16	16	25 - 78	22	1.8	9	6.75	1300	300	100
<b>CPC850-18</b>	<b>18</b>	<b>26 - 87</b>	<b>24</b>	<b>1.8</b>	<b>10</b>	<b>7.5</b>	<b>1300</b>	<b>300</b>	<b>100</b>
CPC1000-18	18	26 - 87	24	2.72	10	7.5	1780	360	150
CPC1000-24	24	38 - 117	32	2.72	13.5	10	1780	360	150
<b>CPC1000-26</b>	<b>26</b>	<b>41 - 125</b>	<b>36</b>	<b>2.72</b>	<b>14.5</b>	<b>11</b>	<b>1780</b>	<b>360</b>	<b>150</b>
CPC1200-30	30	49 - 146	40	3.6	17	12.75	2370	650	150/200
CPC1200-40	40	64 - 195	54	3.6	22	16.5	2370	650	150/200
<b>CPC1200-45</b>	<b>45</b>	<b>71 - 215</b>	<b>55</b>	<b>3.6</b>	<b>24.5</b>	<b>18</b>	<b>2370</b>	<b>650</b>	<b>150/200</b>
CPC1500-45	45	71 - 215	59	4.2	24.5	18	4515	945	200/250
CPC1500-60	60	96 - 293	81	4.2	33	24.75	4515	945	200/250
<b>CPC1500-65</b>	<b>65</b>	<b>104 - 316</b>	<b>88</b>	<b>4.2</b>	<b>35</b>	<b>27.5</b>	<b>4515</b>	<b>945</b>	<b>200/250</b>
CPC1700-60	60	96 - 293	81	4.47	33	24.75	5780	1120	250
CPC1700-79	79	126 - 386	107	4.47	43	32.25	5780	1120	250
<b>CPC1700-85</b>	<b>85</b>	<b>147 - 410</b>	<b>116</b>	<b>4.47</b>	<b>47</b>	<b>35</b>	<b>5780</b>	<b>1120</b>	<b>250</b>
CPC2000-80	80	128 - 391	108	5.6	44	33	7780	1665	250
CPC2000-112	112	179 - 548	152	5.6	61.5	46	7780	1665	250
<b>CPC2000-123</b>	<b>123</b>	<b>198-602</b>	<b>167</b>	<b>5.6</b>	<b>67</b>	<b>51</b>	<b>7780</b>	<b>1665</b>	<b>250</b>