



RECOGNIZED FOR
THE CONTROL OF
CRYPTOSPORIDIUM
& GUARDIA IN
NUMEROUS CODES
OF PRACTICE

Fast & Effective Performance...

It's not just about clear water anymore; swimming pool water needs to be totally healthy. As recognized in numerous standards & engineering references, Precoat filtration will provide positive protection against modern chlorine resistant pathogens like cryptosporidium & guardia.

What's more, with its patented regeneration cycle, **Atlas®** filters will provide long and effective filter cycles. When you take into consideration the reduced wash water consumption, the reduction of plant space, and the elimination of chemically complicated flocculants, it's easy to see why there are a growing number of commercial pools using **Atlas®** Precoat filters.

Atlas® filters are internationally known & recognized. They have been used on some of the largest and most prestigious swimming pools around the world. They are also supplied with such coveted awards as a SABS Design Award, the GQM Quality Award and the 9th International Technology Trophy.

Some models are now manufactured in Fiber Reinforced Plastics (FRP).



For more details & facts contact :

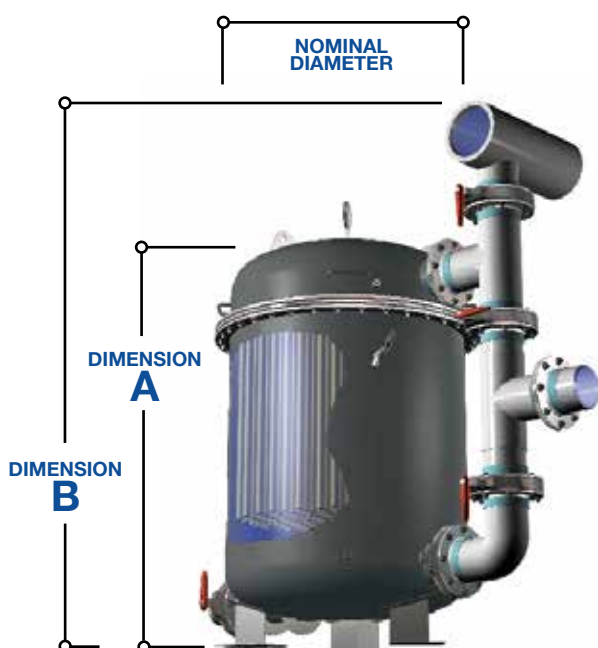


HOW IT WORKS:

The various PCT Models in the Atlas® filter range are differentiated by the amount of filter area that is provided within a given tank diameter. When the prescribed amount of filter media is added to the incoming water flow, it forms a thin coating on the outside of the cloth covered filter elements (candles). This “filter cake” forms a microscopic sieve that filters far finer than the cloth covering of the filter candles. As the Precoat filter process does its job of collecting pollutants, collected matter will progressively block the filter cake.

Atlas® filters are not conventional static cake type filters; they have a unique regeneration cycle that optimizes the use of a replaceable filter media. Regeneration occurs automatically. Each time the filter cycle is interrupted, the trapped dirt and filter media will automatically settle to the bottom of the filter tank. When the filter is re-started, the incoming water flow will automatically intermix and redistribute the selected filter media back on to the filter candles. This restores the porosity of the filter cake and returns the filter back to its maximum clean water flow.

The Atlas® Regenerative Precoat filters provides the pool Operator with many unique benefits - low wash water consumption, extremely compact filter vessels, & Ultra Fine Filtration (UFF) that will physically remove microscopic bacteria, chlorine resistant pathogens, & other solids.



PCT Model (FRP)	80	100	150	200	300	400	460	600
Nominal Filter Area (m ²)	6.5	9.25	15	20	30	40	46	60
m ³ /hr Flow @ 3m ³ /hr/m ²	19.5	28	45	60	90	120	138	180
m ³ /hr Flow @ 5m ³ /hr/m ²	32	46	75	100	150	200	230	300
Backwash Flow (l/sec)	9	13	20	28	42	56	64	84
Wash Water Consumption/Filter (m ³)	1.0	1.5	2.5	3.0	5.0	6.5	7.5	10
Media Charge (kgs)	3.5	5.0	11	11	22	22	33	45
In/Out Connection (mm) AS 2129 Flange	80	100	100	150	200	200	200	200
Nominal Diameter (mm)	765	765	1150	1150	1360	1550	1620	1850
Dimension A - Vessel Height (mm)	1500	1780	1780	2030	2130	2300	2330	2330
Dimension B - Service Height (mm)	2500	2775	2775	3500	3600	3700	3800	3800

Filter Specifications may change without notice - if in doubt request specific information. The use of slower filter rates (3m³/hr/m²) will result in extended filter cycles and reduced backwashing. Media requirements are for Celite Grade 545 with a dose rate of 0.55 to 0.75kgs/m². Use full boxes & or bags as an operational preference.

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