

# SPECIALIZED SOLUTION FOR HOT WATER FILTRATION SYSTEM

HI-TEMP SERIES



PUMPS | FILTERS | MULTICYCLONE

[www.waterco.com.my](http://www.waterco.com.my)

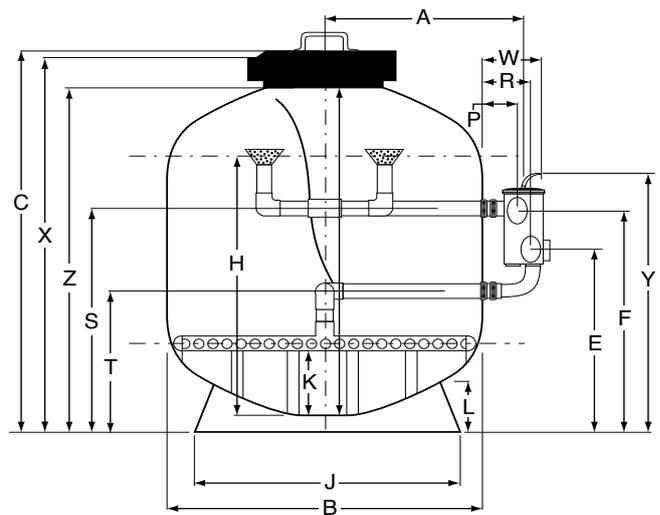
**WATERCO**  
water, the liquid of life

# Hi-Temp Series Filters



Waterco's digitally controlled filament winding machine faultlessly winds continuous strands of high quality fibreglass filament under controlled tension filament to create a seamless one-piece vessel with refined consistency and superior quality. There are no welds or seams or special tank linings which can corrode or electrolyse.

- Maximum Temperature : 70 °C
- Pressure rated at 250kPa; high pressure options available upon request
- Heat resistant lateral and plumbing kit
- Suitable for hot spring, massage spa and other application where hot water filtration system is needed
- Additional protection with Vinylester coating on internal layer of hi-strength fibreglass body
- Fish Tail lateral system - hydraulically balanced flow and backwashing
- Water savings up to 30%
- Ideal for low powered & energy efficient pumps
- Corrosion and UV resistant



## Specifications

Filter Model	Port Size	Inner Diameter	Filter Area	Bed Depth	Filtration Flow Rate		Media Volume	Filter Weight	Sand
	mm				m <sup>2</sup>	mm			
SM500	40	500	0.20	290.0	7.2	120	65	12	95
SM600	40	600	0.28	360.0	10.1	168	113	16	165
SM700	40	700	0.38	380.0	13.7	228	164	25	239
SM750	50	750	0.44	400.0	15.8	264	195	24	285
SM900	50	900	0.64	440.0	23.0	384	301	29	439
SM1050	65	1050	0.87	470.0	31.3	522	432	38	631
	80								
SM1200	65	1200	1.13	580.0	40.6	678	705	67	1029
	80								

Filtration flow rate is based on 36m<sup>3</sup>/hr/m<sup>2</sup>; Max flow rate is based on a velocity of 48m<sup>3</sup>/hr/m<sup>2</sup>

## Dimension - Hi-Temp Side Mount (mm)

Model	Port Size	B	C	K	V	H	L	X	Z	J	S	T
SM500	40	520	846	100	652	585	70	813	740	445	485	282
SM600	40	622	906	105	690	601	87	873	800	484	520	317
SM700	40	719	941	120	728	685	90	908	835	620	520	317
SM750	50	772	976	113	763	652	90	943	870	620	541	337
SM900	50	923	1086	113	860	750	90	1053	980	620	591	387
SM1050	65	1077	1273	120	985	880	176	1241	1165	1045	772	472
	80		1244		980			1159	1089		790	435
SM1200	65	1232	1520	190	1191	1022	176	1489	1413	1045	916	616
	80		1485	150	1145	982		1400	1330		952	596

All figure tolerance 1; Subject to modification

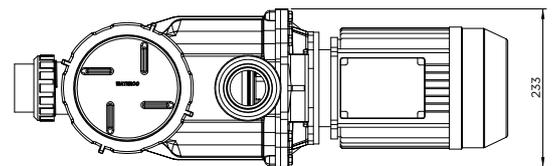
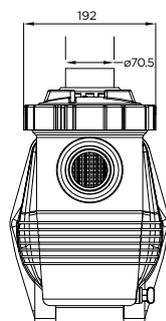
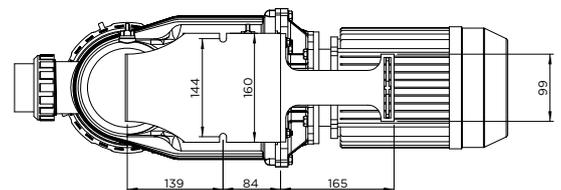
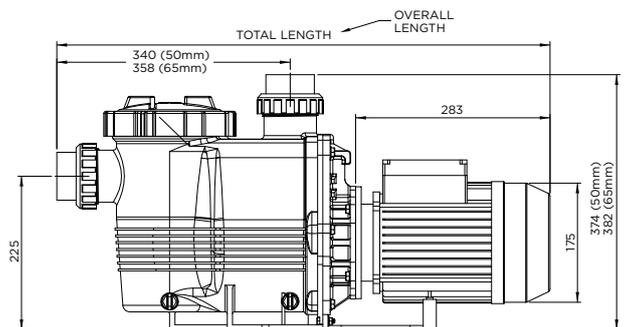
# Hi-Temp Series Pumps



The Hydrostorm Plus Hi-Temp has all the proven features of the Hydrostorm with the addition of an innovative lid & lock ring for easier maintenance and a larger strainer basket for increased capacity.

- Maximum Temperature : 70 °C
- Heat resistant engineering plastic
- Suitable for hot spring, massage spa and other application where hot water transfer system is needed
- CPVC quick connect union fitted
- 2.25 L strainer basket

## Dimension (mm)

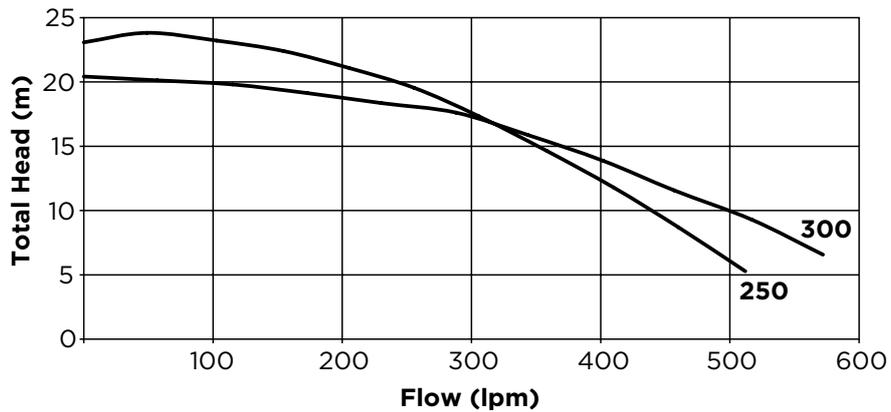


## Specifications

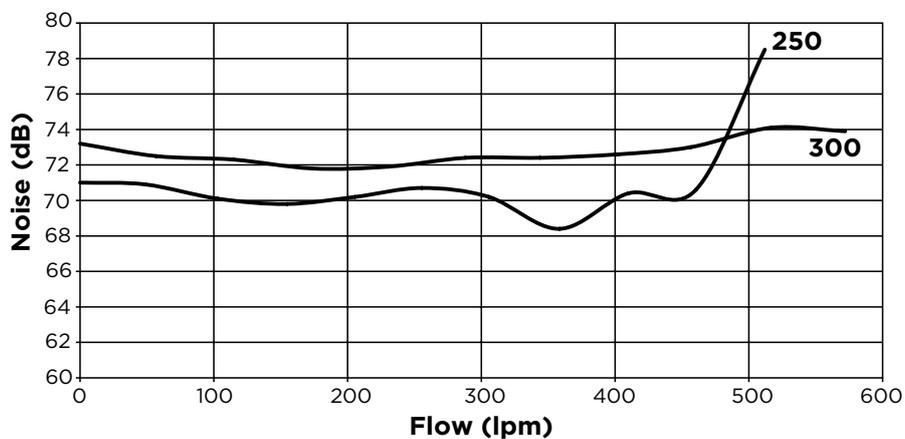
Model	Flow Rate	kW	Amps	Voltage	Weight	Total Length	Motor Frame	Inlet/Outlet
	lpm				kg	mm	mm	
Hydrostorm Plus 100 - Hi-Temp	1.0	0.91	4.0	220	18	631	71	65mm ports x 65/50mm unions
Hydrostorm Plus 200 - Hi-Temp	2.0	1.46	5.9	220	20	678	80	65mm ports x 65/50mm unions
Hydrostorm Plus 300 - Hi-Temp	3.0	2.20	4.1	380-415	25	730	90	65mm ports x 65/50mm unions

\*Seawater application mechanical seal for salinity up to 50000ppm or 5% salinity

### Hydrostorm Plus Hi-Temp Flow Curves



### Hydrostorm Plus Hi-Temp Sound Levels



# Hi-Temp Series Pre-filter



MC HI-TEMP

## MULTI CYCLONE HI-TEMP

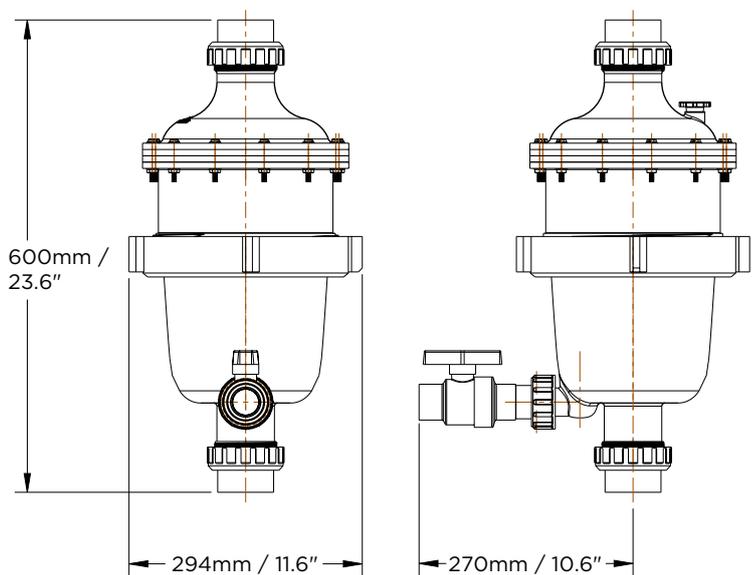
Waterco's award winning MultiCyclone is a brilliant pre-filtration device that works on the basis of centrifugal water filtration and is designed with no moving parts and no filter media to clean or replace.

- Minimises filter maintenance and saves water
- No filter media to clean or replace
- Suitable for new and existing installations



MultiCyclone Hi-Temp is fitted with CPVC unions to withstand maximum temperature up to 70 °C.

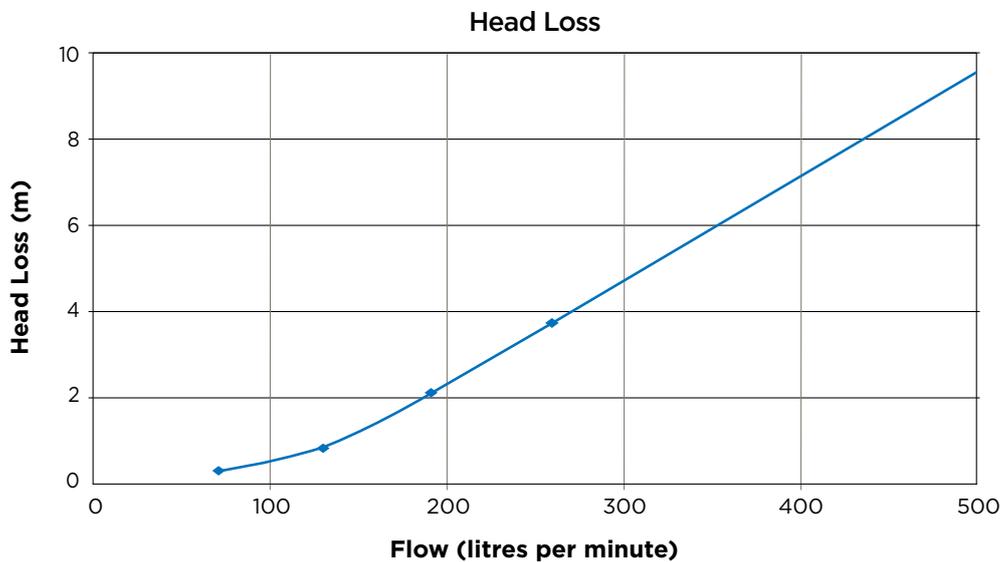
### Dimensions (mm/in)



## Specifications

Model	Hydrocyclones	Connection Ports	Minimum Flow	Maximum Flow	Maximum Pressure
MultiCyclone Hi-Temp	16	50mm / 2"	50lpm / 3m <sup>3</sup> /hr	500lpm / 30m <sup>3</sup> /hr	350kPa (50psi)

All figure tolerance 1; Subject to modification



## Warranty for All MultiCyclone

Waterco is proud to show its absolute confidence in its range of MultiCyclone by offering a 3 years domestic application warranty and 1 year warranty on all other components. Commercial applications attract a 1 year warranty.

Items	Domestic	Commercial
Tank Body	3 years	1 year
All Other Components	1 year	1 year

\*Please refer to Waterco's warranty terms and conditions.

# **WATERCO**

**water, the liquid of life**

Waterco pioneers reliable solutions for healthy, safe water environments, which are used in residential, commercial and industrial applications in over 40 countries.

Established in 1981, it has since become a global brand recognised for designing and manufacturing filtration and sanitisation innovations for the swimming pool, spa, aquaculture, and water purification sectors.



## CONTACT WATERCO

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ZZB2059 02/23