

# COMPACT AND ECONOMIC

## BAG & CARTRIDGE FILTERS



TRIMLINE | COMMANDOMATIC | FULFLO



**WATERCO**  
water, the liquid of life

# TRIMLINE LEAF TRAPPER

## ONE OF THE LARGEST DEBRIS CAPACITIES ON THE MARKET!

The Waterco Leaf Trappers innovative design provides one of the largest debris capacities on the market! The leaf trapper captures debris and channels it to the bottom of the 800 micron filter bag minimizing flow loss for maximum efficiency. The innovative design keeps heavy debris from interfering with the operation of your pool equipment and filtration system while maintaining steady water flow.

- Designed for maximum flow while allowing for high volume debris
- Conveniently located by the pool equipment for easy access
- Can plumb 2 or more parallel for heavy debris environments
- High capacity bag design
- No unsightly deck lids
- Clear pressure safe lid
- Sized for 50mm PVC Class 12 pipe



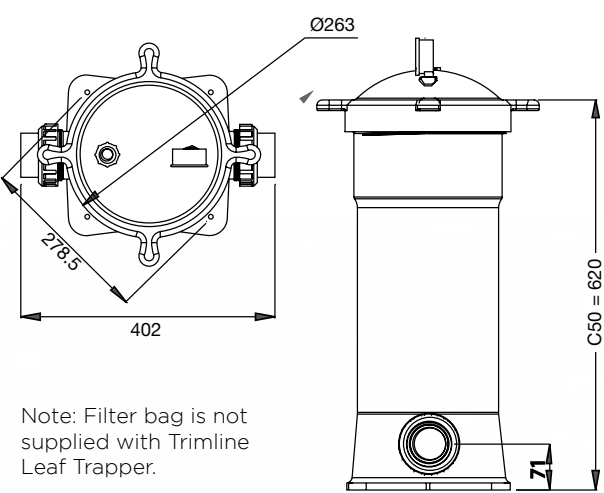
### Trimline Leaf Trapper Specification

LEAF TRAPPER SPECIFICATIONS	
Max Flow Rate	340lpm
Required clearance for servicing	530mm
Maximum pressure	350kPa
Maximum temperature	40°C

FILTER BAG SPECIFICATIONS	
Surface Area	0.17m <sup>2</sup>
Diameter	178mm
Length	419mm

FILTER BAG PRODUCT CODE		
36519265	Manufactured with Nylon	800 microns

### Dimensions (mm)



# TRIMLINE CARTRIDGE FILTERS



Trimline Cartridge Filters are compact and economical filters designed to effectively filter out suspended solids from your pool.

The Pleated Filter Cartridges are fabricated from pleated reusable polyester fabric. The media has been pleated in order to maximise the cartridge dirt holding capacity and extend the time between cleaning.



**Material:** Polyester Fabric material, Vinyl Plastisol end caps and a Polypropylene core

**Operating Temperature:** 4°C to 50°C

**Maximum Pressure Drop:** 20 kPa

**Simple Maintenance**

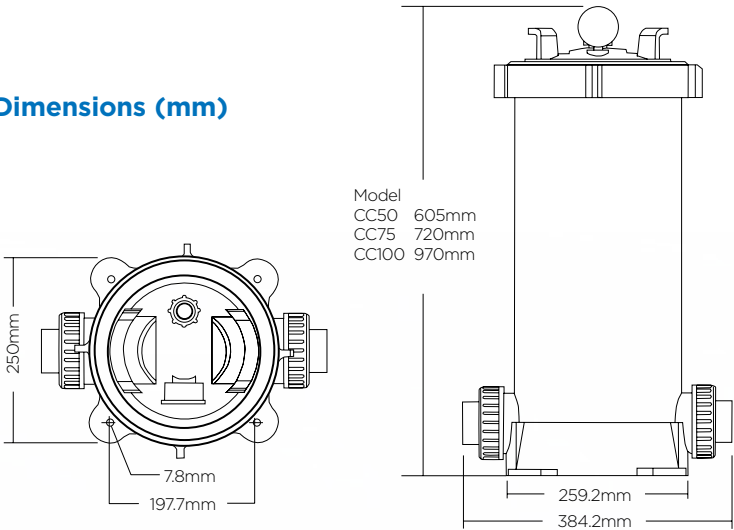
The filter cartridge is easily cleaned by hosing the pleats with a standard garden hose.

**Specifications**

	Filter Area		Max. Flow Rate		Max. Working Pressure		Domestic Pool Size		Overall Weight
	m <sup>2</sup>	ft <sup>2</sup>	lpm	gpm	kPa	psi	L	m <sup>3</sup>	kg
Trimline CC50	4.65	50	190	50	350	50	68,400	68.4	8.6
Trimline CC75	6.97	75	285	75	350	50	100,800	100.8	10.5
Trimline CC100	9.29	100	380	100	350	50	136,800	136.8	14.0

*\*Pool size is calculation based on 6-hour turnover rate.*

**Dimensions (mm)**



# COMMANDOMATIC TCF FILTER



The TCF series housings are designed for top loading with an easy locking ring system requiring no additional tools for simple cartridge removal and replacement.

The TCF series housings are fabricated from high impact polypropylene to be compatible with a wide range of fluids.

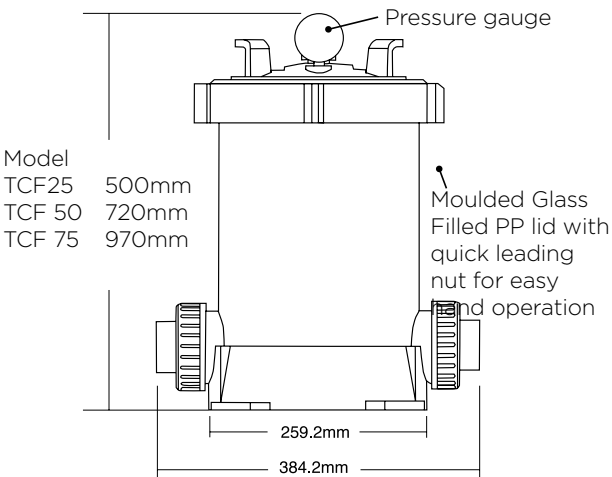
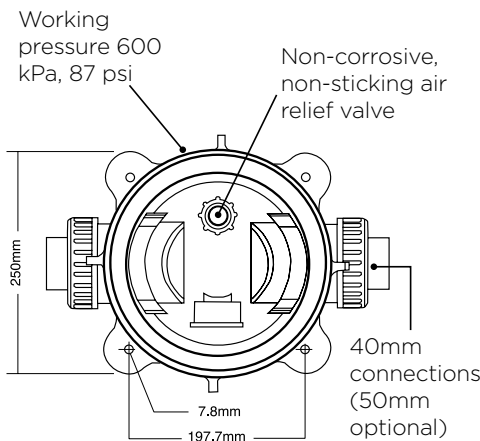
- One piece mould construction
- Easy locking ring system
- Maximum pressure rating of 600kPa (87psi)

Trimline cartridge filters are designed to house either a pleated filter cartridge or a granular media cartridge.

### Specifications

Model	Micron Ratings	Max. Flow Rate	Surface Area	Length	Diameter
C25	5, 10, 20, 30	95 L/min	2.3m <sup>2</sup>	240mm	185mm
C50	5, 10, 20, 30	190 L/min	4.6m <sup>2</sup>	490mm	185mm
C75	5, 10, 20, 30	285 L/min.	6.9m <sup>2</sup>	740mm	185mm

### Dimensions (mm)



### Pleated Filter Cartridges

The Pleated Filter Cartridges are fabricated from pleated reusable polyester fabric. The media has been pleated to provide 2.3 to 6.9 square metres of surface area in order to maximise the cartridge dirt holding capacity and extend the time between cleaning.



**Material:** Polyester Fabric material, Vinyl Plastisol end caps and a Polypropylene core

**Operating Temperature:** 4°C to 50°C

**Maximum Pressure Drop:** 20 kPa

### Simple Maintenance

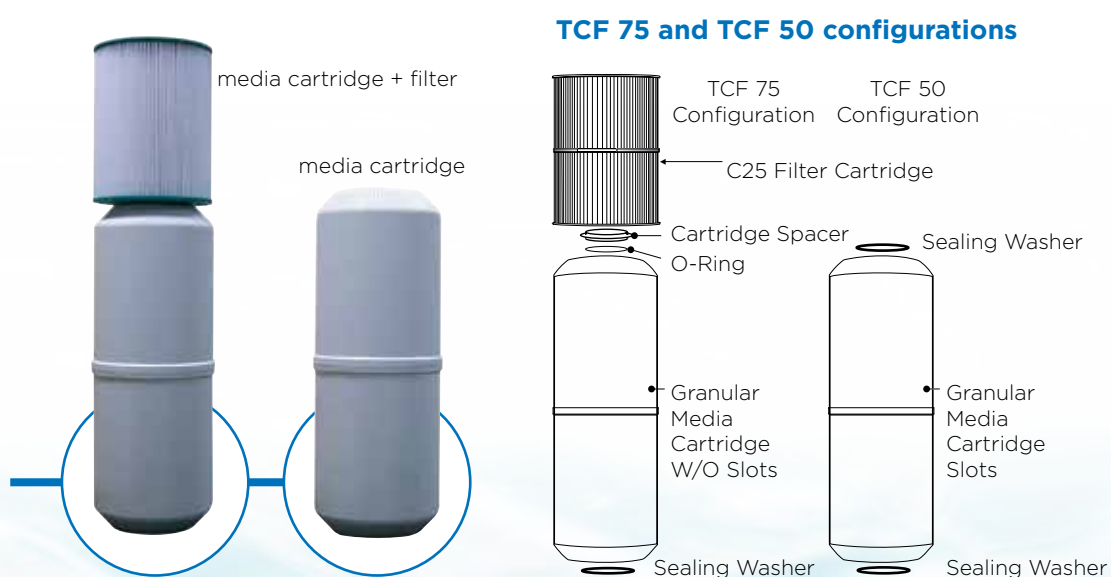
The filter cartridge is easily cleaned by hosing the pleats with a standard garden hose.





## Granular Media Cartridges

The granular media cartridges are able to house 12 litres of filter media and are designed to allow water to enter via the top of the cartridge and flow through the full height of the filter bed before exiting at the bottom of the cartridge.



*Caution: Do not use for drinking water applications where water is microbiologically unsafe or where the water is of unknown quality, without adequate disinfection before or after the unit.*

# TBF BAG FILTER

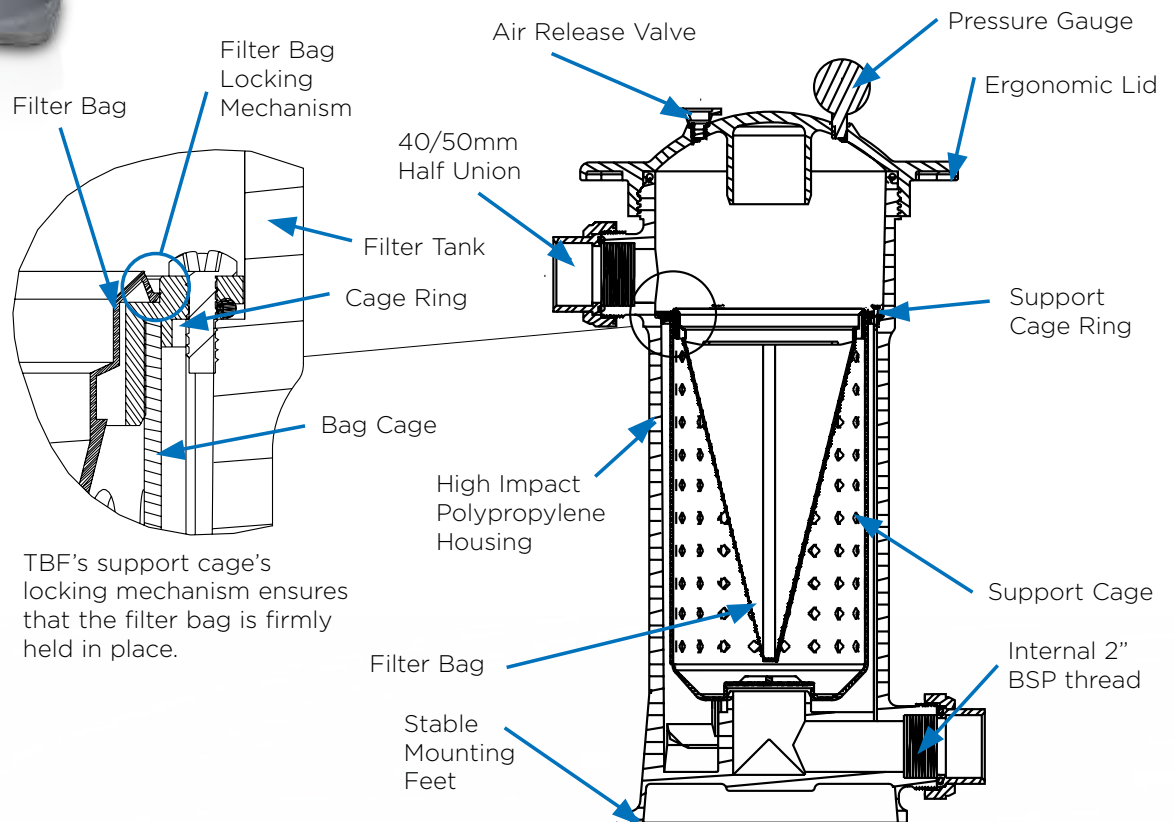


The Trimline Bag Filter (TBF) offers an economical and user friendly alternative to many liquid filtration applications with favourable operating cost benefits.

TBF filter bags are particularly useful for the filtration of highly viscous liquids and liquids with a high level of particulate concentration.

TBF housings are constructed from high impact polypropylene to be compatible with a wide range of fluids and its ergonomic screw down lid is designed for simple hand operation allowing for a quick filter changeover.

- Ideal as a coarse pre-filter / leaf trapper
- Disposable filter bags
- One piece mould construction
- Able to withstand up to 600kPa (87psi)



TBF's support cage's locking mechanism ensures that the filter bag is firmly held in place.



### Available Filter Bag Sizes

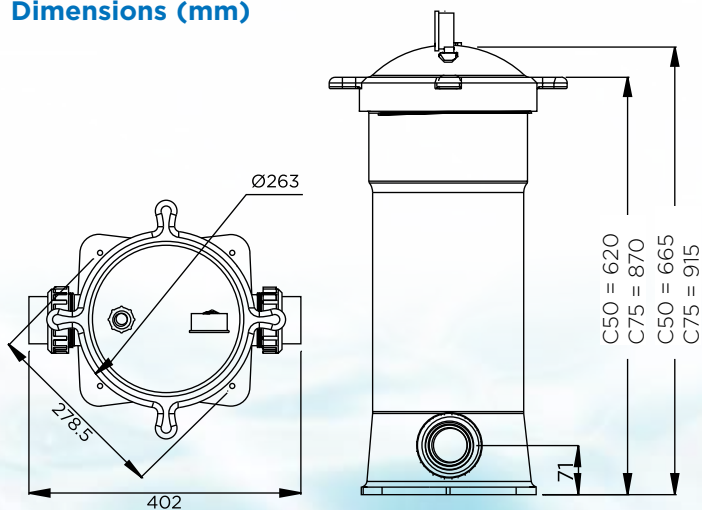
Bag Size (microns)	Bag Product Code	
	C50	C75
1	3651931	36519310
5	3651924	36519240
25	3651925	36519250
50	3651926	36519260
800	36519265	36519266



### Specifications

TBF SPECIFICATIONS	C50		C75	
Max Flow Rate (Residential)	55 lpm	15 gpm	88 lpm	23 gpm
Max Flow Rate (Commercial)	21 lpm	6 gpm	33 lpm	9 gpm
Required clearance for servicing	530mm	20.9"	770mm	30.3"
Maximum pressure	600kPa	87psi	600kPa	87psi
Maximum temperature	40°C	100°F	40°C	100°F
<b>FILTER BAG SPECIFICATIONS</b>				
Surface Area	0.17m <sup>2</sup>	1.85ft <sup>2</sup>	0.27m <sup>2</sup>	2.9ft <sup>2</sup>
Diameter	178mm	7"	178mm	7"
Length	419mm	16.5"	660mm	26"

### Dimensions (mm)





# OPAL CARTRIDGE FILTER

Opal cartridge filters are designed to house an extra large filter cartridge, maximising its dirt holding capacity and minimising filter maintenance. The filter's ergonomic lid allows easy access to the filter cartridge for removal, cleaning and installation in a matter of minutes.





## Pleated Filter Cartridge

The Opal's Filter Cartridges are fabricated from pleated reusable polyester fabric. The media has been pleated to provide 12.5 to 16.7 square metres of surface area in order to maximise the cartridge dirt holding capacity and extend the time between cleaning.



**Material:** Polyester Fabric material, Vinyl Plastisol end caps and a Polypropylene core

**Operating Temperature:** 4°C to 50°C

**Maximum Pressure Drop:** 20 kPa

### Simple Maintenance

The filter cartridge is easily cleaned by hosing the pleats with a standard garden hose.

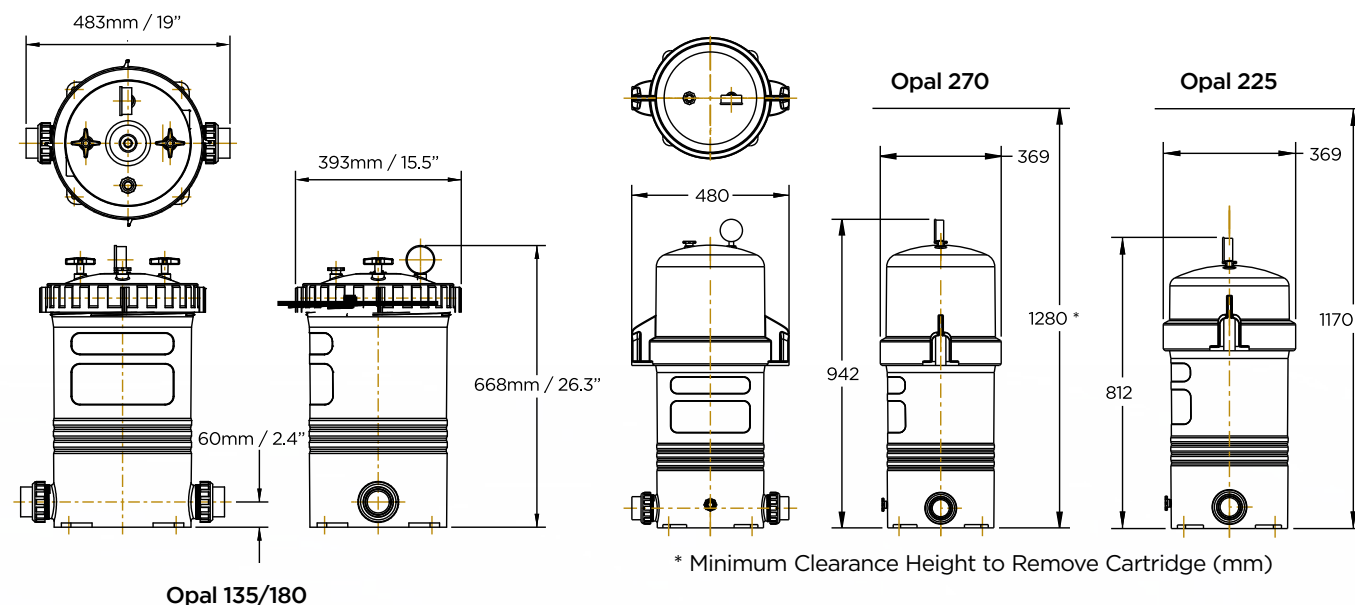
## Extra Large Filter Cartridge

Opal XL filter cartridges are fabricated from pleated reusable polyester fabric. The extra larger size cartridge has been pleated to provide 225ft<sup>2</sup> (20.9m<sup>2</sup>) to 270ft<sup>2</sup> (25.1m<sup>2</sup>) of surface area maximising its dirt holding capacity and minimising filter maintenance.

## Specifications

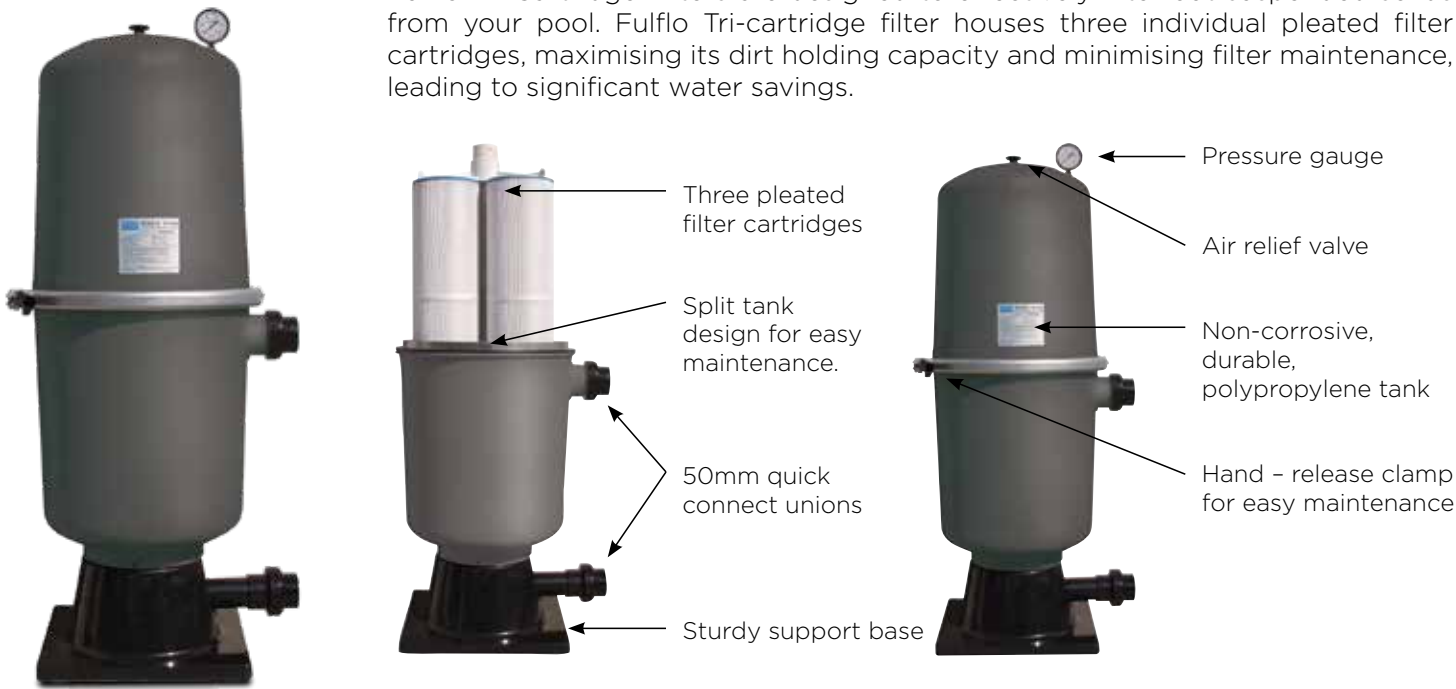
Model	Filter Area		Max Flow Rate	Working Pressure		Max Pool Size
	m <sup>2</sup>	ft <sup>2</sup>		kPa	psi	
Opal 135	12.5	135	510	250	50	183,600
Opal 180	16.7	180	510	250	50	183,600
Opal 225	20.9	225	510	250	50	183,600
Opal 270	25.1	270	510	250	50	183,600

## Dimensions (mm)



# FULFLO TRI CARTRIDGE FILTER

Fulflo Tri Cartridge Filters are designed to effectively filter out suspended solids from your pool. Fulflo Tri-cartridge filter houses three individual pleated filter cartridges, maximising its dirt holding capacity and minimising filter maintenance, leading to significant water savings.



## Filter Cartridge

At the heart of the Fulflo Tri Cartridge Filters are three individual filter cartridges, constructed from heavy duty, easy-to-clean polyester fabric. The cartridge's pleats create a large surface area providing a high dirt holding capacity, thus decreasing its cleaning frequency.



**Material:** Polyester Fabric material, Vinyl Plastisol end caps and a Polypropylene core

**Operating Temperature:** 4°C to 50°C

**Maximum Pressure Drop:** 20 kPa

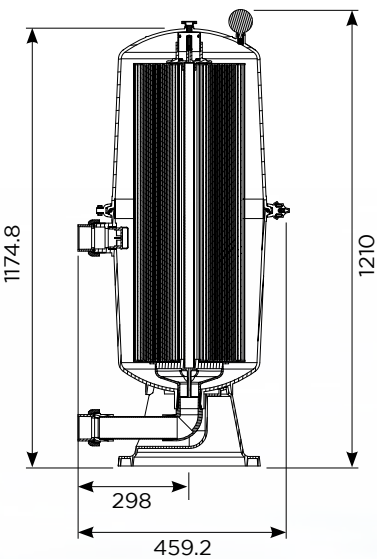
## Simple Maintenance

The filter cartridge is easily cleaned by hosing the pleats with a standard garden hose.

## Specifications

Model No.	Filter Area		Design Flow Rate	Max. Pool Size	Max. Working
	sq.ft.	m <sup>2</sup>	lpm	L	
2165300	300	28	426	152,640	350kPa
2165400	400	37	510	183,600	350kPa
2165500	500	46	510	183,600	350kPa

## Dimensions



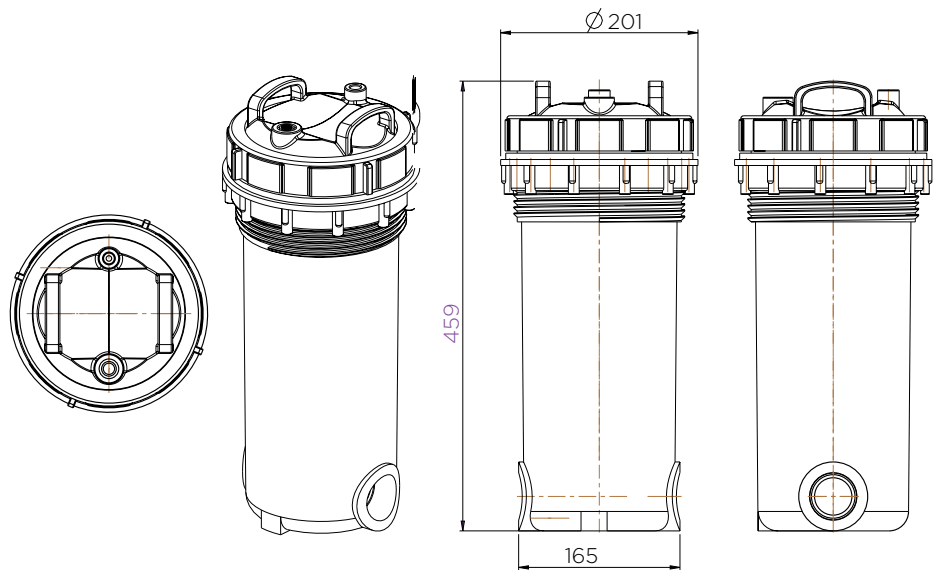
# TOP LOAD FILTER



Backyard spas are becoming increasingly popular for the lifestyle, fitness and relaxation benefits they offer. From a portable spa to be enjoyed with friends and family, to working out in the latest dual zone swim spa, spas have evolved to become a great alternative or addition to the traditional family pool.

Waterco offers a range of high quality spa equipment and accessories, from pumps and heaters to blowers and lights.

## Dimensions



## Warranty for All Bag & Cartridge Filter

Waterco is proud to show its absolute confidence in its range of Bag & Cartridge Filters by offering a 10 year (5+5 pro-rata) tank warranty and 1 year warranty on all other components. Commercial applications attract a 1 year tank warranty.

Items	Domestic	Commercial
Tank Body	5+5 years pro-rata	1 year
All Other Components	1 year	1 year

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



# CASE STUDY



Waterco installed Trimline Leaf Trapper, Multicyclone and Trimline Cartridge Filter for Cockburn Ice Arena, Perth since 2016. Since then, Waterco's filtration solutions have dramatically reduced maintenance time and water usage. Clients commented that Trimline Leaf Trapper saves their trouble from the need to jump in the icy cold snow dump and clean out the old pre-filter, and also the fuss of needing to clean pump basket almost daily.

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