

# OPAL

## Cartridge Filter

For crystal clear, sparkling water

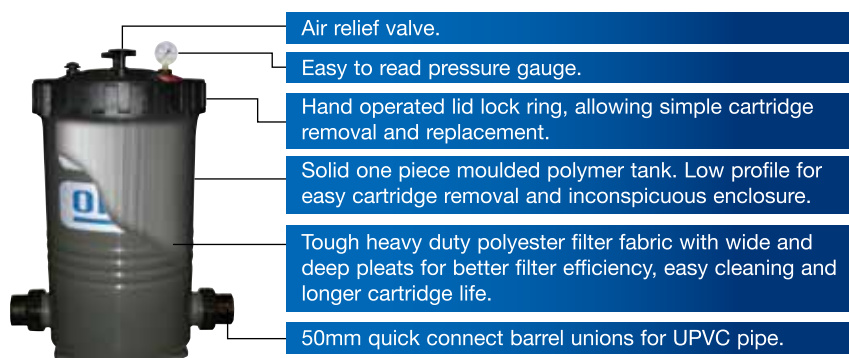


## Rainbow Pool Products

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### OPAL CARTRIDGE FILTERS

Part Number	Product Description	Nominal Size
2171350	Opal Cartridge Filter	135 sq.ft
2171800	Opal Cartridge Filter	180 sq.ft
701039	Opal Filter Cartridge Element	135 sq.ft
701038	Opal Filter Cartridge Element	180 sq.ft



### Specifications

Model	Filter Area		Max Flow Rate	Working Pressure		Max Pool Size
	(m <sup>2</sup> )	(ft <sup>2</sup> )	lpm	kPa	psi	litres
Opal 135	12.5	135	510	350	50	183,600
Opal 180	16.7	180	510	350	50	183,600

### 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

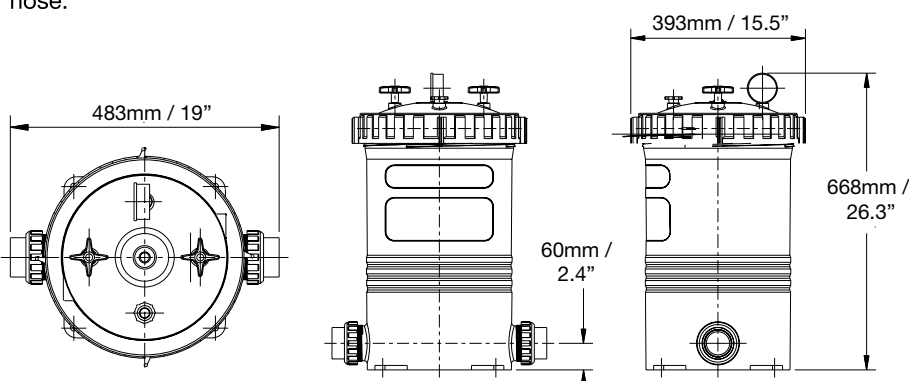
### Simple Maintenance

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



Constructed from high impact polypropylene and designed for easy maintenance, Opal cartridge filters house a large filter cartridge to maximise its dirt holding capacity and minimise filter maintenance, leading to significant water savings.

- Screw down lid, requires no clamps or tools for simple cartridge removal and replacement
- 50mm inlet and outlet ports for maximum flow and minimum back pressure
- Heavy duty extra large pleated filter cartridge



### Warranty

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

# Opal – Hydrotuf Skid Pack

The complete pool filtration solution



Phase	Volts	Cycle	RPM
1	220 - 240	50	2860

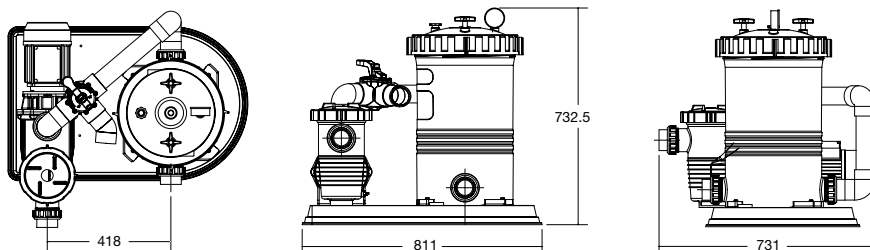
## Specifications

MODEL	Flow rate (lpm)		Motor (hp)	Motor Input (kW)	Filter Surface Area ft²	Filter Surface Area m²	Weight (kg)
	8m	10m					
Opal 135 + Hydrotuf 100	300	265	1.00	0.86	135	12.50	30.00
Opal 135 + Hydrotuf 125	328	275	1.25	0.95	135	12.50	30.00
Opal 135 + Hydrotuf 150	375	275	1.50	1.10	135	12.50	30.00
Opal 180 + Hydrotuf 150	375	325	2.00	1.10	180	16.70	30.00

## OPAL + HYDROTUF PUMP SKID PACK

Part Number	Product Description	Filter area (ft²)	Filter area (m²)	Flow rate @ 10m lpm
3781351000	Opal 135 + Hydrotuf 100	135	12.5	190
3781351250	Opal 135 + Hydrotuf 125	135	12.5	240
3781351500	Opal 135 + Hydrotuf 150	135	12.5	280
3781801500	Opal 180 + Hydrotuf 150	180	16.7	280

The Opal Skid is a low maintenance pool filtration system that enables a quick and easy installation. The filtration skid is pre plumbed with Waterco's new Hydrotuf pump that is equipped with a large 2.25lt strainer basket, plus a high capacity Opal cartridge filter mounted on a compact and sturdy skid base.



Phase	Volts	Cycle	RPM
1	220 - 240	50	2860

## Specifications

MODEL	Flow rate (lpm)		Motor (hp)	Motor Input (kW)	Filter Surface Area ft²	Filter Surface Area m²	Weight (kg)
	10m	12m					
Opal 135 + Hydrotuf 100 + MultiCyclone	265	215	1.00	0.86	135	12.50	40.00
Opal 135 + Hydrotuf 125 + MultiCyclone	275	225	1.25	0.95	135	12.50	40.00
Opal 135 + Hydrotuf 150 + MultiCyclone	325	275	1.50	1.10	135	12.50	40.00
Opal 180 + Hydrotuf 150 + MultiCyclone	325	275	2.00	1.10	180	16.70	40.00

## OPAL + MULTICYCLONE SKID PACK

Part Number	Product Description	Filter area (ft²)	Filter area (m²)	Flow rate @ 10m lpm
3791351000	Opal 135 + Hydrotuf 100 + MultiCyclone	135	12.5	190
3791351250	Opal 135 + Hydrotuf 125 + MultiCyclone	135	12.5	240
3791351500	Opal 135 + Hydrotuf 150 + MultiCyclone	135	12.5	280
3791801500	Opal 180 + Hydrotuf 150 + MultiCyclone	180	16.7	280

The Opal MultiCyclone Skid includes Waterco's award winning MultiCyclone, which pre-filters incoming sediment via centrifugal filtration, extending the filter's service life and minimises maintenance. Combined with a MultiCyclone, the Opal's filter cartridge may only require a seasonal clean\*.

