

# UF Ultra Fine Filter

## EFFICIENT, ULTRA FINE FILTRATION AND ENVIRONMENTALLY FRIENDLY

The UF Filter removes the finest of particles from your pool water creating the clearest, safest water in which to swim. Using Perlite to coat the filter element, particles as small as 1 micron are filtered out of the pool. At this size, the UF filter is 20 to 30 times more effective than a glass or sand filter and 15 times more effective than a conventional Cartridge Filter.

Removing the ultra fine organic material from your pool helps prevent algae growth and other transmittable pathogens by removing the food that they need to multiply. The consequence is lower chlorine consumption, which in turn requires fewer balancing chemicals and a lower cost to operate.

## WHAT IS PERLITE?

Perlite is a naturally formed and mined volcanic glass media and is graded to ensure the correct size perlite particles are used for your pool filtration system. To use Perlite, mix 1.0 kg of perlite in a bucket of water and slowly pour into your pool skimmer while the pump is running after the filter has been cleaned.

The Perlite coats the large surface area of the open weave polyester filter element and traps the finest organic and inorganic particles suspended in your pool and spa water.

Cleaning the filter is easy, with open pleats the polyester element is easily hosed off while sitting in the filter body and a large port allows easy drainage of the built up debris.

The large surface area of the filter element limits cleaning to once every 3 to 6 months depending on the environment surrounding your pool.

## DURABLE ONE PIECE TANK

The high quality reinforced one piece tank coupled with a sleek one piece design produces a reliable filter that is designed to withstand the harshest conditions.

### CLEVER DESIGN

Easy installation and enhanced water flow results in better filtration and cleaner swimming water



## LOW MAINTENANCE

A unique inlet weir directs the water flow evenly across the whole surface area of the filter and the elevated location of the element allows debris to accumulate in the bottom of the filter tank without blocking water flow. This means regular cleaning and maintenance of your filter is significantly reduced, allowing you more time to enjoy your pool.



The circumferential (piston) lid O ring positively seals even after years of high pressure pump operation while the lock ring is gently wound on until the safety clicks 3 times - no need to overtighten.

The high quality stainless steel and bronze internal pressure gauge is glycerine filled to prevent corrosion from minerals or salt water.

## DIMENSIONS & SPECS

MODEL	UF Filter
Filtration Area (m <sup>2</sup> )	4.65
Filtration Area (ft <sup>2</sup> )	50
Max Flow Rate (lpm)	400
Max Flow Rate (gpm)	108
Turnover Capacity 8 Hours (Litres)	190,000
Turnover Capacity 8 Hours (Gallons)	50,000

A large drain valve at the base of the filter allows for easy removal of accumulated sludge and rinsing of filter body while cleaning the element.

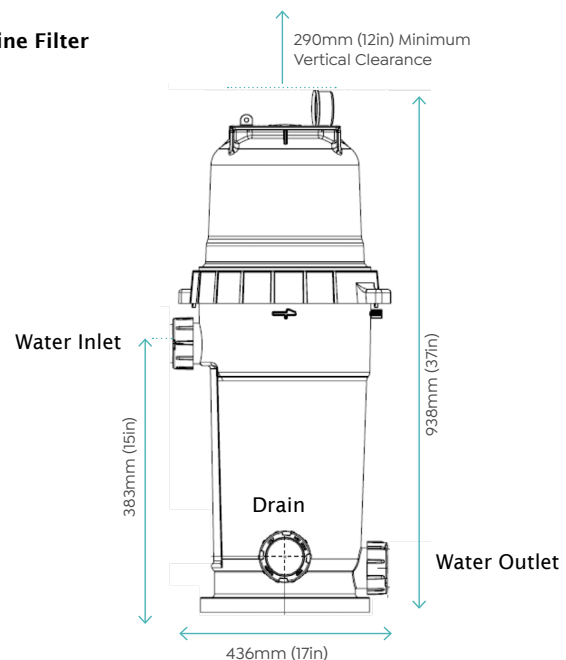
### RELAX, YOU'RE COVERED (WARRANTY SUPPORT)

Your UF Ultra Fine Filter comes complete with a limited **5 year warranty** on the external tank and **1 year warranty** on the element and pressure gauge. Refer to owners manual at [www.insnrg.com](http://www.insnrg.com) for full warranty details.

### AFTER SALES SUPPORT

Talk to a real person for real advice and be assured our in house in field Service Technicians are the best trained in the industry.

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**WANT MORE INFORMATION?  
CONTACT INSNRG ON 1800467674**