

ASTRALPOOL 

 FLUIDRA GROUP

HydroSpin

- ✓ **Pre filtration system**
- ✓ **Separates solids down to 40 micron**
- ✓ **Reduces maintenance of a filtration system**
- ✓ **Save up to 6,000 litres of water every year**





HydroSpin

The HydroSpin is a hydrocyclonic pre-filter device which can be installed in filtration systems in both new and existing swimming pools. Its function is to separate dirt and other particles suspended in the water. This makes it ideal as a step before the filtration system in swimming pool installations, and dramatically reduces maintenance and cleaning of your pool filtration system.

The HydroSpin can treat flow rates up to 500 litres per minute at a maximum working pressure of 250 kPa. It is installed between the pump and the filter, separating solids down to 40 micron thanks to its 24 hydrocyclones. The result is a reduction in the frequency of washing of the filtration system and a 50% reduction in water consumption during the cleaning process. It therefore enables the user to protect the pump and filtration equipment against wear and tear caused by solid particles and dirt in the water.

HydroSpin is installed between the outlet of the pump and inlet of the filter. The water enters the body tangentially and travels through the hydrocyclones, which generate a strong centrifugal effect. The centrifugal force moves the dirt towards the system pre-filter's conical wall, where it takes a downward spiral trajectory. The solid particles are dragged to the lower part of the device, where they are collected in a solid collection tank divided into three areas: decantation, clarification and thickening. Sediments and particles of up to 0.04 mm are retained in the collection tank, from where they are easily removed by opening the draining valve.

Thanks to its special design, it has virtually no impact on the pumps flow rate. The HydroSpin can be installed without changing the existing pump. It uses standard 50mm diameter connections for the water inlet and outlet.

HydroSpin requires almost no maintenance. Thanks to its transparent collection tank, sediments can be monitored visually and it can be easily cleaned by simply opening the purge valve using only 5 litres of water. You don't even have to stop the pump. Maintenance is simple as it has no moving parts or components requiring regular replacement.

- Improve the clarity of your pool water
- Save up to 6,000 of water every year

To find out more about the HydroSpin visit astralpool.com.au

