

# In Floor Pool Cleaning System



*unique distributor valve*

*swivel bodied nozzles*

*x-port main drain system*

**AQUA**  **QUIP** 

## a clean pool automatically

The AstralPool In-Floor Pool Cleaning and Circulation System consists of a series of pop-up nozzles installed in the floor of the pool combined with one or more Distributor Valves that carry pressurised water toward each nozzle branch in a sequential manner.

When water starts to flow toward the nozzle from the distributor valve, the nozzle is raised and a pressurised water jet exits the nozzle parallel to the pool floor, moving dirt & debris.

When the distributor valve progresses and starts sending water to another nozzle branch, the raised nozzle drops back into its original position. Several tracks inside the nozzle ensure that it rotates slightly every time the nozzle is raised or lowered, so that the jet of water continually moves and cleans another area of the pool floor.

Once the distributor valve has performed a full cycle of six changes, it returns to the original nozzle branch, lifting the nozzles and restarting the cleaning cycle.

Debris that is continually agitated by the action of the nozzles is moved toward the deep end of the pool for removal by the innovative X-Port Main Drain System. Debris is also kept in suspension for removal by the skimmer box.

Debris removed via the main drain is captured by the Astral Leaf Canister.

### Unique Distributor Valve

- Internal metal components made of titanium.
- External adjusting knob allows distributor valve to Run / Pause or select running time of outlets between 15-75 seconds.

### Nozzles

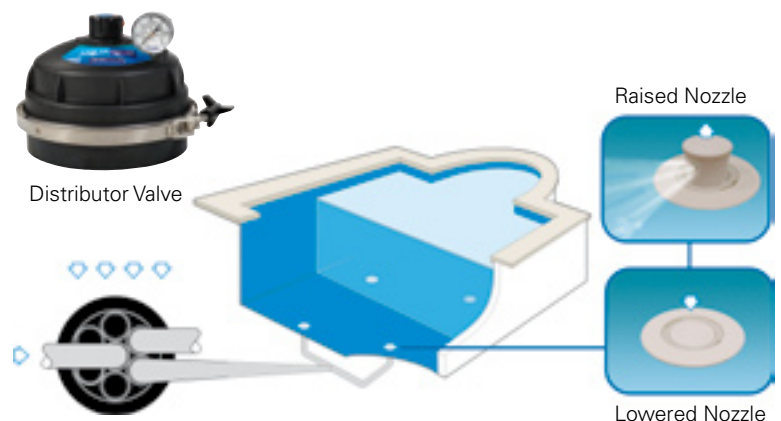
- Swivel body simply glues inside moulded riser tube, swivels to allow for mis-alignment.
- Trim finished nozzle flange covers the top of riser, hides any imperfections with internal pool surface.
- Quick change outlet diameters.

### Astral Leaf Canister

- Free standing commercial strainer designed to capture the debris removed via the main drain.
- Massive 8 litre capacity, 80mm inlet and 100mm outlet ports are reducable to 50mm.
- Can be located in plant room.

### X-Port Main Drain System

- Efficiently whisks away debris from the bottom of pool floor.
- Simple to install, supplied with a secondary suction point.
- Safety is ensured with multiple layers of anti-entrapment protection.



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