

# New special pumps for counter-current swimming

Counter-current swimming is a sporting and recreational practice that is gaining new enthusiasts every day and encompasses numerous user-groups: sportspeople who train regularly and don't have access to a large pool; people with sedentary jobs who need to keep fit and release stress; families looking to put a unique recreational feature in their swimming pool; sybarites who dream of lolling by the pool on a sun lounger listening to the gentle bubbling of the water... ESPA, the leading Spanish pumping and water systems manufacturer, has developed a new generation of specific pumps for counter-current swimming, offering some interesting advantages for both installers and users.

The new pumps are based on the *efficient engineering* concept characteristic of ESPA technology: innovative, simple, compact, robust and energy-efficient products. These pumps offer a carefully-designed balance between performance, usefulness, ease of installation and reliability.

They come in two versions: The **Nadorself**, an extremely high-tech pump for purpose-built signature pools, offering very high performance specifications (up to 80 m<sup>3</sup>/hour), power (up to 3 kW), flexibility of installation (directional impulsion), and self-priming up to 4 metres (with built-in check valve). And the **Wiper 3**, a more versatile and affordable alternative which is ideal for above ground swimming pools and for users seeking a counter-current swimming experience that is more recreational than sporting. The Wiper 3 pump can be assembled in a "back pack" which is fitted to the swimming pool. Straightforward, practical and easy.

With these latest-generation pumps, ESPA is continuing its expansion in the swimming pool sector, offering solutions that cover every possible demand from the market: pumps, compact filtering-pumping equipment, filters, technical premises, pool bottom cleaners, treatment and dosing systems, heating, security systems, control and lighting equipment, etc.

## Technical characteristics of the Nadorself pump:

**Materials:** Body, seal support, impeller, diffuser and pump foot in thermoplastic polymers reinforced with fibreglass;

mechanical seal in graphite and ceramic; suction valve in reinforced rubber; shaft in stainless steel.

**Motor:** Completely closed; IP55 protection, with external ventilation; Class F insulation; continuous operation; single-phase version with thermal protection with manual reset and permanent capacitor; three-phase version 3 x 230/400 V at 2,900 rpm.



Available from 1.5 up to 3 Kw.

**Front panel:** Round or square plate. Directional nozzle with flow regulator. Pneumatic switch to activate the pump and air intake regulator built into the plate. Capillary tube. Counter flanges and O-rings for the liner of polyester version. The main components are made from thermoplastic materials.

## Optional extras:

- Single-phase and three-phase control panels.
- 1.5 metre hydromassage hose for attaching to the counter-current nozzle.
- Optional panel feed-through for the concrete version.

## Technical characteristics of the Wiper3 pump:

**Materials:** Body, seal support, impeller and pump foot in thermoplastic polymers

reinforced with fibreglass; mechanical seal in graphite and ceramic; shaft in stainless steel.

**Motor:** Completely closed; IP55 protection, with external ventilation; single-phase 1 x 230 V with thermal protection and permanent capacitor; anti-corrosive paint applied by electrophoresis; fully insulated, over 3750 V, in accordance with the current legislation; available in 1.5 and 2.2 kW for counter-current swimming.

**Front panel:** Octagonal plate. Directional nozzle with flow regulator. Pneumatic switch to activate the pump and regulate the air intake. Capillary tube. Counter flanges and O-rings for the liner, polyester or concrete versions. The main components are made from thermoplastic materials.

## Accessories and optional extras:

- Adjustable impeller nozzle



- Front panel cover (depending on version)
- Control panel
- 1.5 m hydromassage hose kit for attaching to the counter-current nozzle
- Single-phase and three-phase control panels
- Suction for liner, polyester and concrete versions