

# Pumps & Pressure System

## Centrifugal Pump – CP Series

**Orange**  
PUMPS



CP series is a full flow, rotodynamic pump design to deliver maximum water. An impeller and single vane volute direct the flow through open channels with minimal restrictions.

The thermoplastic pump internals are made from Nylon 66 so that hydraulic components can be precisely shaped to reduce water turbulence and increase pump efficiency. The ductile characteristics of Nylon 66 make it abrasive resistant, temperature tolerant and impervious to hard water, increasing the pump's longevity.

CP series is designed to deliver a high volume of water in a short period of time for tank filling, wash down or low-pressure irrigation.

### Heavy-Duty Motor

Designed to operate at full load, in high ambient temperature, through a wide voltage range with a low motor temperature for longevity.

### Hydraulically Tuned Pump

Precisely calibrated flow efficiency to deliver maximum volume and pressure with a low motor load.

### Integrated Pump Design

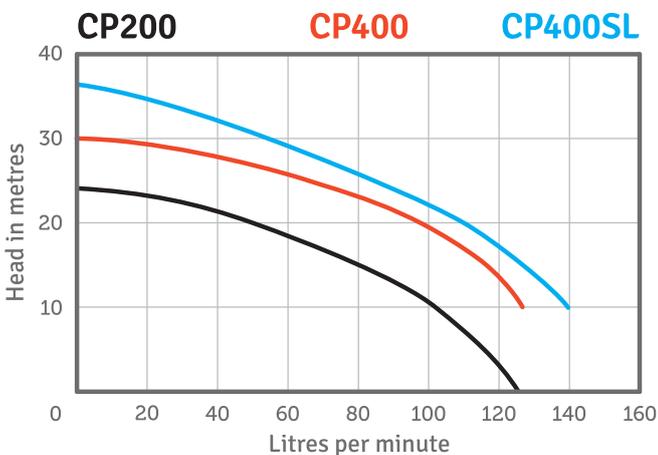
Uniquely shaped hydraulic parts to generate maximum water flow and pressure while being energy efficient.

### Dependable Design

- > TEFC motor protection against water, dust and vermin
- > Inbuilt thermal motor protection
- > Stainless steel motor shaft
- > Cast iron bearing end shield for minimal bearing stress.

### Quality Construction

Components are sourced from high-grade, hard-wearing materials built to last. Proven performance.



MODEL	WATTS	AMPS	INLET / OUTLET	SEAL	TEMP FLUID
CP200	550 Watts	3.5A	1 / 1 inch	Carbon Ceramic	65°C
CP400	1000 Watts	6.5A	1 / 1 inch	Carbon Ceramic	65°C
CP400SL	1000 Watts	6.5A	1 / 1 inch	Carbon Ceramic	65°C

# Pumps & Pressure System

## CP400SL Cast Stainless Steel



**CP400SL-PM**  
OUTLETS:



**CP400SL-ECL22**  
OUTLETS:



The CP400SL incorporates the full flow rotodynamic design with a thick 5mm cast stainless steel casing. The high flow is produced with very little pressure drop, making it a natural constant pressure system. This reduces those annoying hot and cold fluctuations in the shower.

The solid cast casing absorbs noise from the pump and is durable, hard-wearing against the adverse effects of hot, cold and wet weather.

The thermoplastic impeller is abrasive resistant, temperature tolerant and impervious to hard water, increasing the pump's longevity.

### Automatic Switches

- > Loss of prime, run-dry protection
- > Easy to install plug and socket electrical leads with swivel connector
- > Flow stop function reduces pressure fluctuation
- > Built-in check valve
- > Maintenance-free
- > AS safety compliant SGS-140647-E.

### Electric Controllers

- > Dual voltage circuit board tolerant to power fluctuations
- > 24-hour restart function to reprime or reset
- > Adjustable cut-in pressure setting
- > TUV safety compliant.

### Automatic Settings

Convenient, preprogrammed functional settings.

### Pressure Tank Option

- > Increase water draw off to reduce pump cycling
- > Saves energy and reduces wear and tear on the motor.



MODEL	PRESSMATIC	TYPE	SWITCH SIZE	CUT-IN
CP400SL	PM15	PressMatic	1 inch	15 metres
CP400SL	EC22	Electric Controller	1 inch	22 metres
CP400SL	ECL22	Electric Controller	1¼ inch	22 metres