

UltraSwim

Plunge Pool

5 X 2 X 1.2M

Suitable for above or below ground installation



PARAMOUNT
POOL PRODUCTS

**WHY NOT
UPGRADE?**



Incorporate Ultraflow technology and upgrade to a resistance pool.

SEE PAGE 4

OUR STANDARD PLUNGE POOL:

The ultimate plunge pool kit for DIY or Professional installation

The UltraSwim Plunge Pool is an ideal solution for installing a pool into smaller environments above or below ground at an affordable price!

Comprising of galvanised steel modular panel sections which are simply bolted together to form the walls that are secured to a prepared 150mm depth reinforced concrete base. All panels are pre-cut to receive all the required pool shell fittings that connect to the filtration system. A pattern PVC liner membrane is applied to form a watertight sealed structure.



Prices start from as little as £13,995

Create your basic quote

Use our pool builder tool and create your own spec to get an instant quote:



Suitable for above...



Affordable and easy to install



...or below ground installation



POOL EQUIPMENT

Steel Panels and beams	All Pattern 30g Liner
Sand Filter (Waterco)	ABS Pool Fittings - White
Filter Pump (Waterco)	Hardware

WARRANTY

10 Years Pool Panels (Prorated)
7 Years Liner (Proated)
2 Years Electric

Features



LINERS

Plain Colours Included. Slate & Mosaic additional charge
 Liner colour may vary from publication
 Max Operating Temperature 32°C

CONVERT YOUR PLUNGE POOL TO:

A resistance pool incorporating Ultraflow technology



Comprising of a galvanised steel modular insulated panel system, featuring the Ultraflow propulsion counter current

unit or can be adapted to accommodate any other type of swimjet!

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POOL EQUIPMENT

Steel Panels and beams

Sand Filter (Waterco)

Filter Pump (Waterco)

All Pattern 30g Liner

ABS Pool Fittings - White

Hardware



Build your own custom resistance pool:

For an instant quote, use our pool builder tool and create your own specification:



EXTRAS AVAILABLE ON OUR POOL BUILDER

 Ultraflow

 Heating

 Super Jet

 Seat Step

 Covers

 Coping

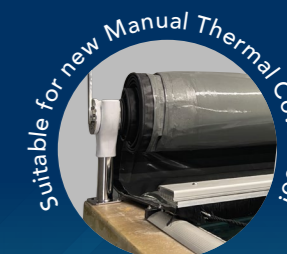
 Wall Insulation

 Pattern Liner

 Lighting

 Floor Kit

 Fitting Colours



Find out more about Ultraflow technology
SEE PAGE 6



A self-contained propulsion swim unit that can be installed in Concrete or Liner pool construction.

Incorporating 'Ultraflow' technology to produce a 24V controlled, realistic river smooth like current, with variable speed delivering up to 400 cubic metres of water per hour (normal 3hp swim jets produce 45cbm/phr). A robust GRP housing is supplied with universal fittings and an attractive stainless steel grille enabling a flush fitting installation within the pool wall.

Remote Control Operation



Stand alone unit



Control panel

Sleek, flush design



LINER POOLS

Specification:

- 160nM 24V Motor
- 1.5kW Motor
- 2.85 HP
- 16 AMP (Type B) breaker
- Gross weight inc. pallet 150kg
- GRP Housing weight 125kg
- Fixing – within pool shell

- ✓ 316L grade stainless front grille
- ✓ GRP housing
- ✓ Universal fixing for liner or concrete structure
- ✓ 160nM 24V motor propulsion system
- ✓ 24V Control unit with LED display
- ✓ Remote control
- ✓ Up to 1.7m per second swim speed
- ✓ 400 cubic metres per hour (standard 3hp swim jet = 45 cbm)



Ultraflow® generates smooth river like currents with variable speed. Using laminar Propulsion technology, it delivers swim speeds of up to 1.70m per second, generating a unique flow substantially different from conventional 3-6Hp swim jets.

WHAT IS LAMINAR FLOW?

Laminar flow, sometimes known as streamline flow, occurs when a liquid flows in parallel layers, with no disruption between the layers. At low velocities the fluid tends to flow without lateral mixing and adjacent layers slide past one another like playing cards. In non-scientific terms laminar flow is 'smooth' while turbulent flow is 'rough'.

CONVENTIONAL SWIM JET SYSTEMS CAN BE UNSTABLE AND INCUR TOO MUCH TURBULENCE AND EDDYING.

SILENT AND RELIABLE!

Using a 160nM 24V motor enables the Ultraflow® system to operate quietly and efficiently. The motor supplied requires a single phase 240V electrical supply hard-wired to a 24V transformer control panel located up to a maximum distance of 15m away for safe and reliable service and enjoyment.

THE ADVANTAGE OF LAMINAR FLOW



Typical Swim Jet or Swim Spa

Ultraflow® Type Current

The high-volume non-turbulent water flow is what distinguishes our pools from other swim spas and provides the best swim available anywhere. Utilising a custom-designed propeller, our swim current is wider than your body, deeper than your stroke, free of turbulence and bubbles and completely variable in speed.

WHAT IS MEANT BY LAMINAR FLOW AND TURBULENT FLOW?

Laminar flow or streamline flow occurs when a fluid flows in parallel layers, with no disruption between the layers producing smooth constant flow. A turbulent flow incurs a mixture of whirlpools, eddies and wakes resulting in an unpredictable flow output.

LAMINAR FLOW

In fluid dynamics, laminar flow is characterised by fluid particles following smooth paths in layers, with each layer moving smoothly past the adjacent layers with little or no mixing. At low velocities, the fluid tends to flow without lateral mixing, and adjacent layers slide past one another like playing cards.

SWIM SPEEDS PUT INTO PERSPECTIVE!

The average swimmer can move at a speed of about 2 miles per hour, which is about the same as taking 56 seconds to swim a 50 metre length of a pool. For comparison, Michael Phelps, the aquatic champ, swims at a 6 miles per hour!

Average Swimmer:

1.12 mps (metres per second) based on 50m length pool

Michael Phelps:

2.68 mps based on 50m length pool

Competitive Swimmer:

1.49 mps based on 800m length pool

Training Speeds:

To achieve 1.50 mps swim speed the recommended training speed is 0.96 and 1.3 mps

To achieve 1.60 mps swim speed the recommended training speed is 1 and 1.1 mps



2 YEAR WARRANTY

FAQS

What maintenance is required?

Answer: As the motor is fully submersed in pool water we recommend replacing the low cost sacrificial anode on an annual basis to protect the motor housing.

How much does it cost to run?

Answer: Only 1500 Watts of power is required to run the Ultraflow.

How does it compare to other propulsion systems?

Answer: We advocate booking a trial swim to enable you to make your own comparisons. Your purchase should be based on an individual swimming experience for the whole family. It is important that the correct type of flow and speed meet your requirements.

How do I access or change the motor in the future?

Answer: Once the water level has been reduced, the complete motor system can be removed from the GRP housing.

How is the Ultraflow controlled?

Answer: The Ultraflow is supplied with a remote control unit with a 50m range (dependant on site conditions), utilising a hand held key fob.

Can the Ultraflow be used with a salt chlorinator?

Answer: Unfortunately, the Ultraflow is not suitable for salt water environments.

How do you book a trial swim?

Answer: Contact your dealer to book a date with your desired swimming temperature.

Important Note: Due the motor requiring a 24V electrical supply, the control unit must be installed within 15m of Ultraflow housing

TO FIND YOUR NEAREST DEALER PLEASE VISIT OUR WEBSITE

t: 01256 748 380 | **e:** sales@paramountpools.co.uk | **w:** paramountpools.co.uk