

# Self-Priming Thermoplastic Pool Pump

This self-priming pool pump is designed for efficient water circulation in swimming pools and spas. Its robust construction features a durable thermoplastic housing that is resistant to corrosion and UV damage, ensuring long-lasting performance.



## Product Overview

### Professional Self-Priming Pool Pump

This self-priming thermoplastic pool pump is engineered for high-efficiency water circulation in residential and commercial swimming pools and spa environments. Its robust thermoplastic construction ensures resistance to UV damage and corrosion, promoting a long service life. The system features a clear strainer basket for debris management and a high-flow impeller for optimal water turnover. Equipped with a thermally protected, heavy-duty motor, it provides reliable, quiet, and safe operation for continuous water maintenance.

## Operating Conditions

Max Working Pressure	0.3 MPa
Max Ambient Temperature	40
Liquid Temperature Range	5-50

## Construction

### Pump Component Materials

Component	Material
Pump Body	Techno-polymer
Impeller	Techno-polymer
Mechanical Seal	Carbon / Ceramic / Stainless Steel

## Motor Specifications

Protection Rating IP44 • IP54	
Motor Housing Material	Aluminum / Cast Iron
Insulation Class	Class B, Class F

## Certifications

Standards & Certifications	CE, ISO 9001, UL, GS
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