



Custom Acrylic Infinity Pool Solution For High End Landmark Outdoor Floating Water Features

Our Product Introduction

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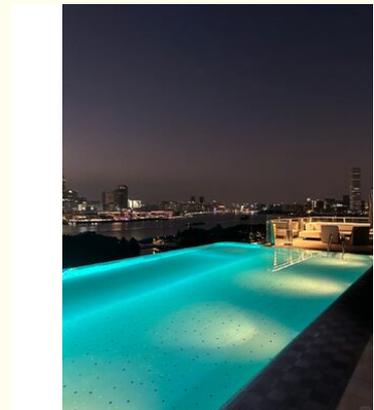
Basic Information

- Minimum Order Quantity: 5set
- Price: Negotiable
- Packaging Details: Wooden box packaging, cardboard box packaging
- Delivery Time: 7-10 work days
- Payment Terms: T/T,L/C,D/P
- Supply Ability: 500sets/Year



Product Specification

- Features: Explosion-proof
- Advantage: Insulation
- Weather Resistance: Yes
- Customization: Available
- Color: Customization
- Size: Customization
- Main Material: Transparent Acrylic
- Occasion: Acrylic Endless Pools Acrylic Infinity Pool
- Highlight: **Custom Acrylic Infinity Pool, Insulation Acrylic Infinity Pool**



Product Description

JAFFA Acrylic Infinity Pools are high-end core supporting products tailored for luxury hotels, river-view mansions, top-tier homestays, and commercial landmarks, integrating architectural aesthetics with water experience. Crafted from military-grade high-weatherability acrylic panels, combined with infinity overflow design and intelligent lighting systems, we create a visual wonder of "water blending with the sky" — the pool surface seamlessly connects with the urban skyline by day, and transforms into a brilliant water feature under underwater lighting at night. Perfectly adapted to core landscape locations such as high-altitude terraces and river-view courtyards, it endows the space with an ultimate luxury water experience.

Core Advantages Meet Demands and Highlight High-End Quality:

- 1. Ultimate Transparent Vision:** Ultra-thick high-transparent acrylic side panels achieve 360° unobstructed viewing under water, breaking the visual boundary of traditional pools and making the pool itself an artistic facade of the building;
- 2. Landmark-Level Aesthetic Design:** Customized infinity overflow structure precisely controls water level balance, realizing the visual effect of "water surface floating above the city", suitable for core landscapes such as river views, sea views, and urban skylines;
- 3. All-Scenario Weather Resistance:** Imported UV-resistant acrylic raw materials, treated with special anti-aging technology, do not yellow or crack after long-term outdoor use, and can resist extreme outdoor environments such as wind, rain, temperature difference and ultraviolet rays, adapting to complex installation scenarios such as high altitudes and terraces;
- 4. One-Stop Custom Service:** Provide full-process solutions from structural design, water system supporting (circulation/filtration/constant temperature), lighting customization to professional construction, balancing beauty and practicality, and creating a realizable top-tier water feature.

Product Attributes

- Core Material:** Military-grade high-weatherability acrylic (PMMA), side panel thickness options: 50mm–200mm (customized according to pool height)
- Auxiliary Materials:** 304/316 stainless steel structural keel, tempered glass overflow weir, waterproof and anti-corrosion pool liner
- Process System:** CNC precision carving, high-pressure seamless splicing, deep water pressure test, mirror polishing, UV-resistant coating
- Functional Configuration:** Infinity overflow system, constant temperature heating system, water circulation filtration system, underwater LED intelligent lighting (single color/RGB)
- Application Scenarios:** High-altitude pools in luxury hotels, terrace pools in river-view mansions, landscape pools in top-tier homestays, display pools in commercial landmarks
- Installation Scenarios:** High-altitude terraces, roof platforms, core courtyard areas, sea-view/river-view viewing positions

Customization Parameters Table

Parameter	Options/Specifications
Acrylic Side Panel Thickness	50mm / 80mm / 100mm / 120mm / 150mm / 200mm (calculated according to pool water depth/height)
Pool Dimensions	Length: 5m–50m; Width: 3m–15m; Water Depth: 1.2m–1.8m (non-standard special-shaped customization supported)
Infinity Design	Single-side overflow, double-side overflow, three-side overflow, circular overflow (customized according to landscape perspective)
Water System Configuration	Standard circulation filtration, constant temperature heating (air source/ gas/ electric heating), automatic water supply, water quality monitoring
Lighting System	Underwater LED dot matrix lights, LED light strips, supporting single-color constant light, RGB gradient, dynamic scene modes
Wind Pressure/Load Capacity	Customized structural design, adapted to high-altitude terraces (resistant to Category 12 typhoons) and roof platforms (meeting building load standards)
Surface Treatment	High-transparent mirror, ultra-white anti-glare, custom color acrylic (lake blue/tea crystal)
Construction Period	Standard pool (≤20): 30–45 days; Large pool (20): 60–90 days

Frequently Asked Questions (FAQ)

1. Is there any safety guarantee for acrylic infinity pools installed at high altitudes?

Absolutely safe. We first conduct a special calculation of building load, match with 316 stainless steel heavy-duty keels and embedded parts for fixation. The acrylic side panels are made of deep-water pressure-resistant plates, and pass 72-hour high-pressure waterproof and impact resistance tests before leaving the factory, which fully meet the safety standards of high-altitude buildings. Dozens of river-view high-altitude pool projects have been completed.

2. How to maintain the water quality and cleanliness of acrylic pools?

We provide customized water circulation filtration systems, combined with automatic dosing and automatic water supply functions to realize intelligent water quality control; the smooth inner wall of acrylic is not easy to hang dirt, and only simple wiping is needed for daily maintenance. Compared with traditional tile pools, the maintenance cost is reduced by 60%.

3. Will the pool crack due to freezing when used in winter or low-temperature areas?

No. We provide a full set of constant temperature heating systems (supporting use in low-temperature environments of -20). At the same time, acrylic panels have excellent temperature difference resistance (stable use from -40 to 80), combined with anti-freezing and thermal insulation layer design, ensuring normal use in low-temperature areas all year round.

4. What is the design cycle and construction process of customized pools?

Process: On-site survey (1-3 days) → Structural/water feature scheme design (7-15 days) → Material production (20-30 days) → On-site construction and installation (15-30 days) → Water test and commissioning (3-7 days) → Delivery and use. The whole process is followed by a professional team without affecting the original structure of the building.

5. How long is the service life of acrylic pools?

Using imported UV-resistant acrylic raw materials, the normal outdoor service life can reach 15-20 years without yellowing or cracking. The water system and lighting system are modular designed, which can be replaced separately in the later stage to extend the overall service life.



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