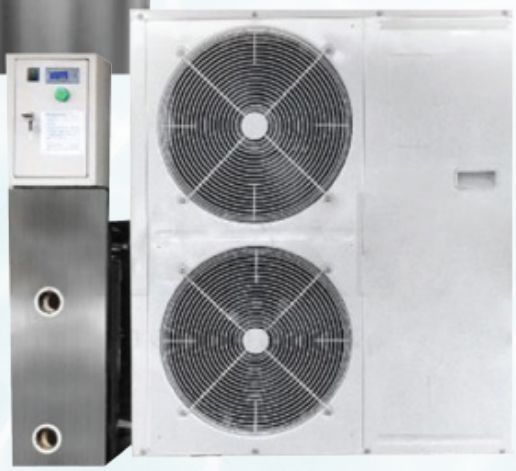
10 POOL CHILLER



CHILLER

This professional-grade water chiller is specifically engineered for Cold Plunge Therapy and advanced athletic recovery. Combining high-efficiency refrigeration technology with an intelligent control system, it accurately maintains temperatures ranging from a bone-chilling to a soothing

Working Condition

- **Operating Temperature:** Capable of cooling and heating water within a range of 3°C – 42°C (dual cooling & heating function).
- **Installation:** Easy setup with a plug-and-play system using quick-connect hose fittings.
- **Filtration System:** Equipped with an external filter and an efficient automatic water circulation system.
- **Safety:** Features built-in electrical leakage protection (Integrated RCD/GFCI).

Motor & System

- **Type:** High-efficiency refrigeration compressor using eco-friendly refrigerant gas.
- **Power Consumption:** Optimized energy usage suitable for both residential and commercial applications.
- **Pump:** Integrated circulation pump ensuring even cold water distribution throughout the tub.
- **Control System:** Smart LCD panel with precision digital temperature settings.

Features

High Performance Cooling

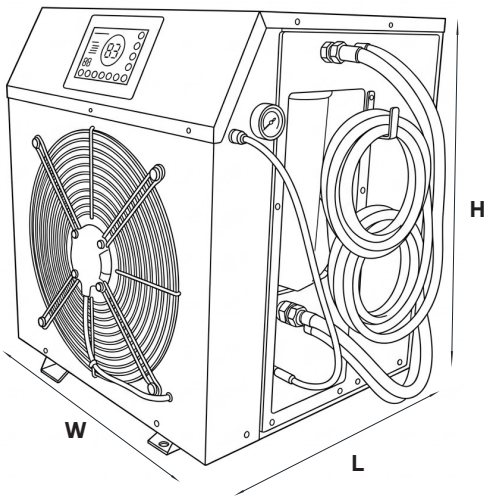
Compact Design

Versatile for Physical Therapy

Durable Materials

Materials

- **Housing:** Heavy-duty, weather-resistant material designed for outdoor durability.
- **Heat Exchanger:** Built with high-grade titanium for maximum resistance against water corrosion.
- **Internal Components:** Robust component design to ensure quiet operation (low noise levels).



Model	Power Output (HP)	Voltage	Net Weight	Water Flow Rate	Cooling capacity (W)	Sanitizing system	Color & shape	Dimensions (LxWxH)	Cooling type
MC-1	1	100V / 220V	~ 50kg	Self Priming (Include) 12-20L/ min	±2600	Built-in UV & Ozone	Black, square design	50x55x65	Water-Cooled Condenser

PORTABLE CHILLER

Specifically designed for use in cold plunge pools. It features a titanium cooling coil, making it extremely safe and suitable for use in various conditions, such as saltwater and chemical environments.

Pool condition

1. The maximum standard distance from the chiller to the swimming pool is 10 meters.
2. Pipes exposed to sunlight or a room that is not properly insulated.
3. Direct sunlight or a swimming pool in an open area.
4. Maximum usage (e.g., public spas, therapy centers, etc.).
5. Pipes running through concrete floors that are too warm or hot.
6. Pipe runs that are too long (which can absorb heat).
7. Filtration systems that can increase heat

Features

Fast Cooling
Superior rapid cooling element technology

Easy Maintenance
Easy maintenance and replacement when needed

Easy to Use
Easy to use and operate with the control panel

Energy Efficient
More efficient electricity usage compared to other cooling methods

A compact portable system is available, designed with the compressor and cooling unit integrated into a single unit.

CHILLER CAPACITY FOR COLD PLUNGE

This table is a guide only, there is no guarantee that conditions will match the results below:

Model (HP)	Time required to cool 1000 liters by 1°C per minute	Voltage
1.5	18	3 Phase 3.80 Volts 50Hz
2.0	14	
2.5	17	
3.0	9	
4.0	7	
5.0	6	
6.0	5	
7.5	4	

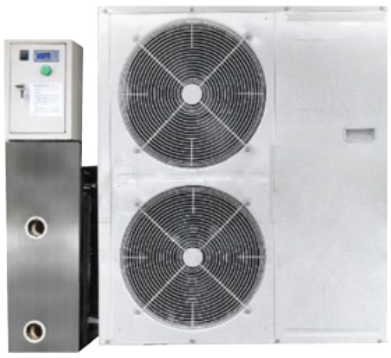
SPLIT CHILLER

The Split Chiller System is a professional cooling solution designed for high-performance temperature management in swimming pools and cold plunge facilities. By separating the compressor from the cooling unit, this system provides a superior, whisper-quiet experience while preventing heat buildup in the installation area.

The compressor and the cooling unit are separate. The advantage is that they are quiet and do not generate heat.

Pool condition

1. The maximum standard distance from the chiller to the swimming pool is 10 meters.
2. Pipes exposed to sunlight or a room that is not properly insulated.
3. Direct sunlight or a swimming pool in an open area.
4. Maximum usage (e.g., public spas, therapy centers, etc.).
5. Pipes running through concrete floors that are too warm or hot.
6. Pipe runs that are too long (which can absorb heat).
7. Filtration systems that can increase heat



A compact split system is available, in which the compressor and cooling unit are integrated into a single unit.

Features

Fast Cooling
Superior rapid cooling element technology

Easy Maintenance
Easy maintenance and replacement when needed

Easy to Use
Easy to use and operate with the control panel

Energy Efficient
More efficient electricity usage compared to other cooling methods

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*Minimum flow rate: 170 liters per minute