

HYDRO COOLING HS05 RACK

PRODUCT SPECIFICATION



Current Version V1.1	
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1. Introduction

HS05 Hydro Rack: The Perfect Solution for Home Heating and Self-Mining

HS05 Hydro rack integrates advanced water cooling technology. This solution not only delivers outstanding performance for efficient mining but also utilizes the heat generated during operation to provide home heating, maximizing resource utilization and value.

Key Features:

- **Efficient Mining with Low Noise**

The water cooling system significantly reduces operational noise while enhancing heat dissipation efficiency, ensuring stable performance even under heavy loads.

- **Heat Recovery for Home Heating**

The circulating liquid in the water cooling system absorbs the heat generated by the mining machine and transfers it to the home heating system via a heat exchange mechanism. Ideal for winter heating needs, saving on traditional energy consumption.

- **Energy Saving and Eco-Friendly**

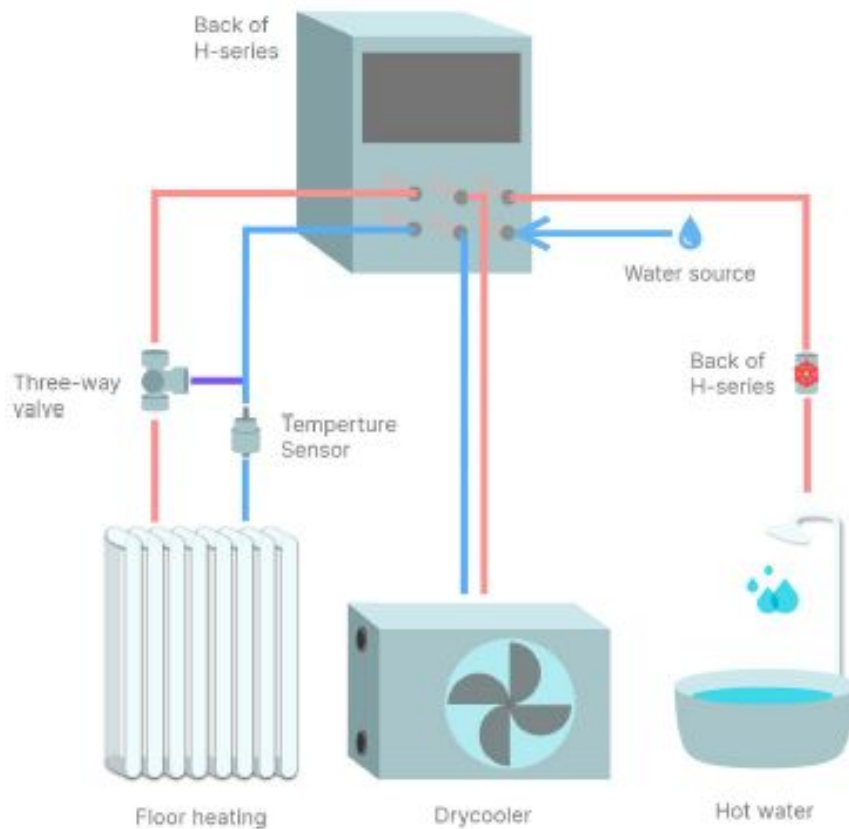
Converts waste heat from mining into usable energy, reducing energy waste and achieving a win-win in environmental and economic benefits.

- **Smart Control with Adjustable Output**

Equipped with an intelligent temperature control system that automatically adjusts heat output based on household heating needs while ensuring the mining machine operates at optimal temperatures.

Applications:

- **Home Mining:** Maximize every watt of electricity for both profit and comfort.
- **Small Office Spaces:** Heat your workspace while mining.
- **Households in Cold Regions:** Perfect for areas requiring long-term heating, making the mining machine a key part of the home energy system.

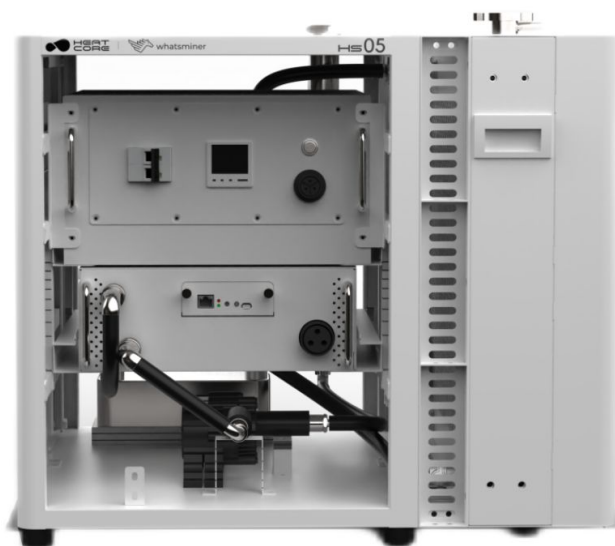
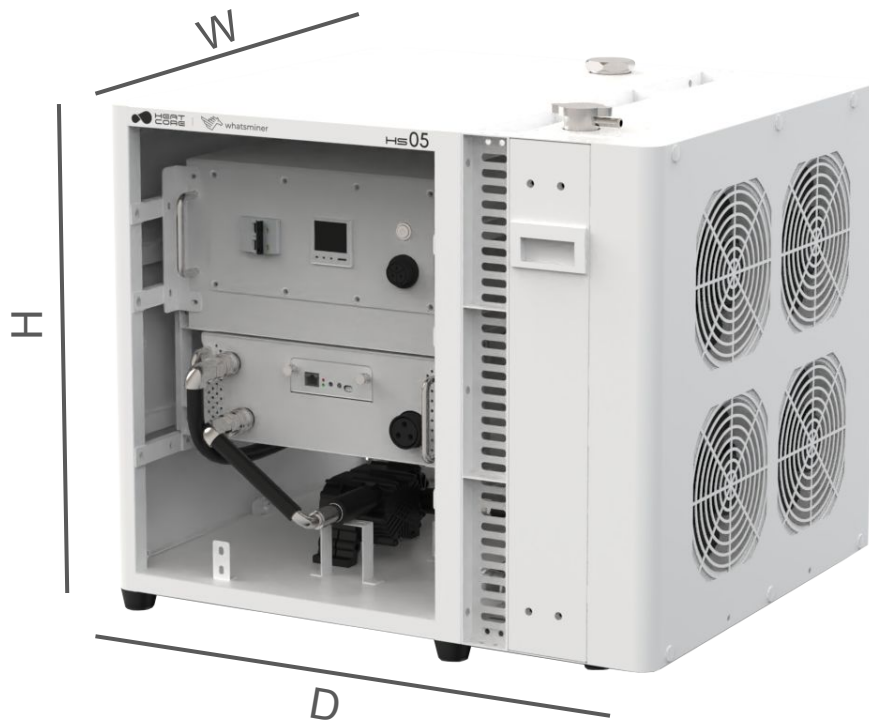


A New Model for Future Living

Our product seamlessly combines mining and home heating, offering users an efficient, eco-friendly, and intelligent lifestyle. With this innovative technology, you can enjoy mining profits while keeping your home warm and comfortable.

2. PRODUCT SPECIFICATION

2.1 HS05 Hydro Rack Overview



Front view



Site view

2.2 Detail Specification

Physical	
Model	HS05
Server Capacity	1 Units M64 series
Dimensions (W x D x H)	480mm*600mm*545mm (1.57'*1.97'*1.79')
Weight Net/Operation	35 kg/50 kg
Electrical	
Max. Operation Power	6 kW
Max. IT Power	5 kW
Rated Voltage	Single Ph/N/PE 200-240V 50/60Hz
Max. Operating Amp.	Max. 30 A
Power distribution	1 x 32 A Main breaker
Cable Specification	L/N/PE: 3 x 6mm ² Copper
Dry Cooler	
Number of Fans	4 x EC Fans
Cooling Capacity	5 kW
Design Ambient Temperature	35 C
Fluid In/Out Temperature	70C/55C

Fluid - Plate Heat Exchanger	
Heat Exchanged	5 kW
LMTD	10 C
Coolant	Water
Max. Operating Pressure	10 bar
Supply and return liquid temperature	45/60 C @ Water
Rated flow	5 L/min @ water
Connection interface	2 x Barbed fitting: $\phi 12$
Fluid - Internal loop	
Coolant	Distilled water + antifreeze + corrosion inhibitor
Max. Operating Pressure	4 bar
Supply and return liquid temperature	55/70 C @ Water
Rated flow	5 L/min @ water



Enter a New Era of Zero Carbon Emission Mining

CONTACT

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