

# Specification

## Monobloc (4~8kW)

Model		Power Supply		Capacitance
Heating Operation*1	OAT (DB/WB) 7/6 °C	IWT/OWT 30 / 35°C	IWT/OWT 30 / 35°C	Capacitance
		IWT/OWT 47 / 55°C	IWT/OWT 47 / 55°C	Capacitance
		IWT/OWT 30 / 35°C	IWT/OWT 30 / 35°C	Capacitance
Cooling Operation*1	OAT (DB/WB) 35/- °C	IWT/OWT 12 / 7°C	IWT/OWT 12 / 7°C	Capacitance
		IWT/OWT 23 / 18°C	IWT/OWT 23 / 18°C	Capacitance
Seasonal Performance*2	Water Outlet 35°C	SCOP Heating		SCOP Heating
		Water Outlet 55°C		SCOP Cooling
Sound Pressure*3	Normal Mode (Heating/Cooling)	Normal Mode (Heating/Cooling)		Normal Mode (Heating/Cooling)
		Low Noise Mode (Heating/Cooling)		Low Noise Mode (Heating/Cooling)
		Night Shift Mode (Heating/Cooling)		Night Shift Mode (Heating/Cooling)
Sound Power	Normal Mode (Heating/Cooling)	Normal Mode (Heating/Cooling)		Normal Mode (Heating/Cooling)
		Condenser Fan Quantity		Condenser Fan Quantity
Fan	Max. Running Current	Air Flow Rate		Air Flow Rate
		Recommended Fuse		Recommended Fuse
Outer Dimensions	Height x Width x Depth	Height x Width x Depth		Height x Width x Depth
		Packing Dimensions		Height x Width x Depth
Net Weight	Gross Weight	Net Weight		Net Weight
		Compressor		Compressor
Refrigerant System	Refrigerant Charge	Refrigerant Charge		Refrigerant Charge
		Heating		Heating
Operation Range	DHW	DHW		DHW
		Cooling		Cooling
Nominal Water Flow	IWT: 30°C / OWT: 35°C Δ T: 5°C	IWT: 30°C / OWT: 35°C Δ T: 5°C		IWT: 30°C / OWT: 35°C Δ T: 5°C
		Min. Water Flow Rate		Min. Water Flow Rate
		Max. Lift Pressure		Max. Lift Pressure

# Accessories

Accessories	Model	Function	Compatibility
Water temperature sensor	HTS-E1000A1	Water temperature sensor for pipeline, tank and hydraulic components.	Hi-Therma Series
3-way valve	HESE-3W25A	Valve to divert different water flow for different operation	Hi-Therma Series
Hi-Mit II adapter	HCCS-H64H2C1M#01	Hi-Mit II smart APP solution.	Hi-Therma Series
Indoor ambient temperature sensor	HCT-S01E	Wall mounted room temperature sensor, with communication to heat pump system.	Hi-Therma Series
Wired remote controller	HSXE-VC04	Room thermostat for room temperature control, with communication to heat pump system.	Hi-Therma Series
Second outdoor ambient temperature sensor	HC-T-01M	Detect outdoor ambient temperature with the second sensor	Hi-Therma Series



reddot winner 2022

## Red Dot Award Casing Design

The 2022 Red Dot award-winning outdoor unit is recognised for its exceptional design, featuring a classic grey color and a screwless front panel that maintains its appearance over time, while also preventing unsightly rust stains caused by long-term exposure to various weather conditions. The compact machine size also adapts to a wide variety of space layouts.



Unit: mm

## Two Separate Temperature Cycles

Two temperature zones through the separate heating cycles are possible with the mixing valve kit, enabling different water temperatures for underfloor heating and the radiators.

## Up to 7 Rooms with Independent

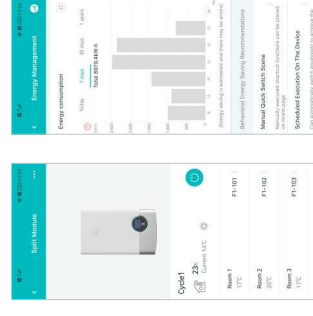
In one Hi-Therma system, the temperature of up to 7 room thermostats in the rooms, satisfying the diverse



\*Note: In one Hi-Therma system, up to 2 room thermostats and max. 6 wall-mounted

## Smart App Control

Through the smart app, users can access the Hi-Therma system to easily to control the room temperature at anytime and



HI-MI

## Simplified Installation

Hi-Therma Monobloc unit featuring all-in-one design for installation without additional refrigerant piping work or electrical charge. Only the connection of water pipes is required, which greatly simplifies the on-site installation work.