

RoboHeat

The Next Generation of Water Heaters has arrived!



Hot off the world design stage comes the most excellent all-in-one heat pump water heater. Combine heat pump technology with electric element back-up, add a 190 litre storage tank, include state of the art digital control and join them together in the most dynamic form.

Light & Sensor is proud to present: RoboHeat!

Not only is it made by the world's best, designed by the world's best - it is the world's best!

The RoboHeat is a low energy water heater which can stand just about anywhere in your house or office, giving you hot water at up to 70% less energy. The system combines a 1500W heat pump as well as dual electric elements for high-demand usage. Smart technology & design!



Duo-Core Technology

Midea Heat Pump Technology combined with Electric Heating Element backup means rapid heating can take place as well as energy efficient heating.



State-Of-The-Art Design

Designed to be safe, elegant and highly efficient. The most advanced design, testing and production facilities in the world were used to make RoboHeat.



High Safety

High electrical insulation to prevent contact between water and electricity.



Intelligent Control

Built-in digital intelligent control with auto-restart, timer, diagnostics, auto-start-up and shut-down as well as defrosting. Hot water management!



Energy Saving Technology

The COP of Midea's Heat Pump technology is 3-4 times that of normal electric water heaters. Save money and save the planet!



Easy Installation

Ultra-small footprint, great design and simple connection. Installs in minutes just about anywhere - inside or outside



All Weather Operation

Operates in rain, shine, clouds and anything in-between. -20°C ~ 45°C



Superior Safety X 3

- Complete isolation between electricity and water
- No fuel tubes and storage (No explosion, leak, fire risk)
- No cross-contamination potential between water and refrigerant (Condenser Coil is wrapped around the porcelain enamel tank)



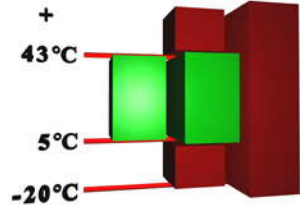
Install RoboHeat Anywhere

- Indoor and outdoor installation
- Installation and set-up in minutes
- Elegant appliance design means RoboHeat can even be visible.



3 Modes

- Economy Mode (Heat Pump only)
- Hybrid Mode (Heat Pump operation with backup electric elements for low ambient temperature or high water usage)
- E-Heater Mode (Only uses the electric elements)



RoboHeat Specifications:

Model		RoboHeat 190		
Power Supply	Ph-V-Hz	1, 220-240V~, 50Hz		
Running Modes		Economy	Hybrid	E-heater
Heating capacity	kW	1.5	1.9	2
Power Input	W	500	790	2000
Current	A	3.8	5.1	9.12
Hot Water Yield	L/h	32	32	32
Ambient Temperature	°C	5~43	5~43	-20~48
Power Input for Compressor	W	470		
Power Input for E-heater	W	-	2000/2000	
Power Input of Fan Motor	W	30		
Protection		Hi Pressure, Over-load, Electric Leakage		
Refrigerant		R134a		
Evaporator Material		Hydrophilic Aluminum Fin, Inner Groove Copper Tube		
Water Tank Volume	L	190L		
Water System	Setting Temp.	°C	38~70, 50 (default)	
	Heat Exchanger		Copper Tube Surrounding Tank	
	Water Inlet		DN20	
	Water Outlet		DN20	
	Drainage Pipe		DN20	
	PT Valve Joint		DN20	
	Max. Pressure	MPa	0.7	
Sound Level	dB(A)	48		
Dimensions	mm	ø560 X 1580		
Net Weight	Kg	86		
Weight with Water	Kg	257		
Application	Persons	≤ 4 (or office kitchenette)		
Testing conditions: Outdoor temp.:20/15°C(DB/WB), Inlet/Outlet water temp.:15/55 °C				
Specifications may change without notice				

