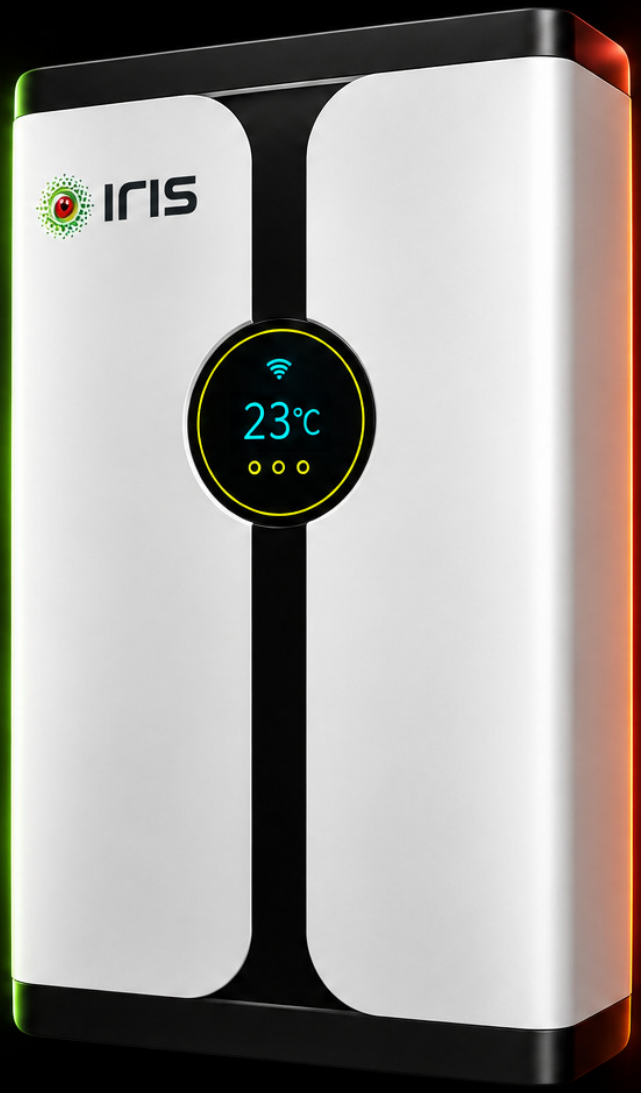
HEATING

WITH THE SPEED OF LIGHT

Infrared technology.
Electric heating.
One compact unit.



DESIGNED AROUND
WHAT IS INSIDE.

IRIS

Infra Red Invisible System

98%

KIWA TESTED EFFICIENCY

DISCOVER THE TECHNOLOGY →

100% ELECTRIC / INFRARED HEATING / COMPACT DESIGN

TAKE A CLOSER LOOK. →

ALL IN. ONE UNIT.



Eight features. One compact heating system.

	FEATURE	IRIS
01	**Efficiency**	**98%** - KIWA tested efficiency.*
02	**Noise level**	0 dB(A), stated for the heating unit.*
03	**Installation**	Compact wall-mounted unit. No outdoor unit.
04	**Maintenance**	Designed for low-maintenance operation.
05	**CO_2 emissions**	No direct CO_2 emissions from combustion.
06	**Hybrid integration**	Integration with existing heating systems, assessed per project.
07	**Response time**	Heat generation starts as the lamps switch on.
08	**Footprint**	Heating section, pump and controls in a single housing. Approx. 600 × 700 × 150 mm (H × W × D).

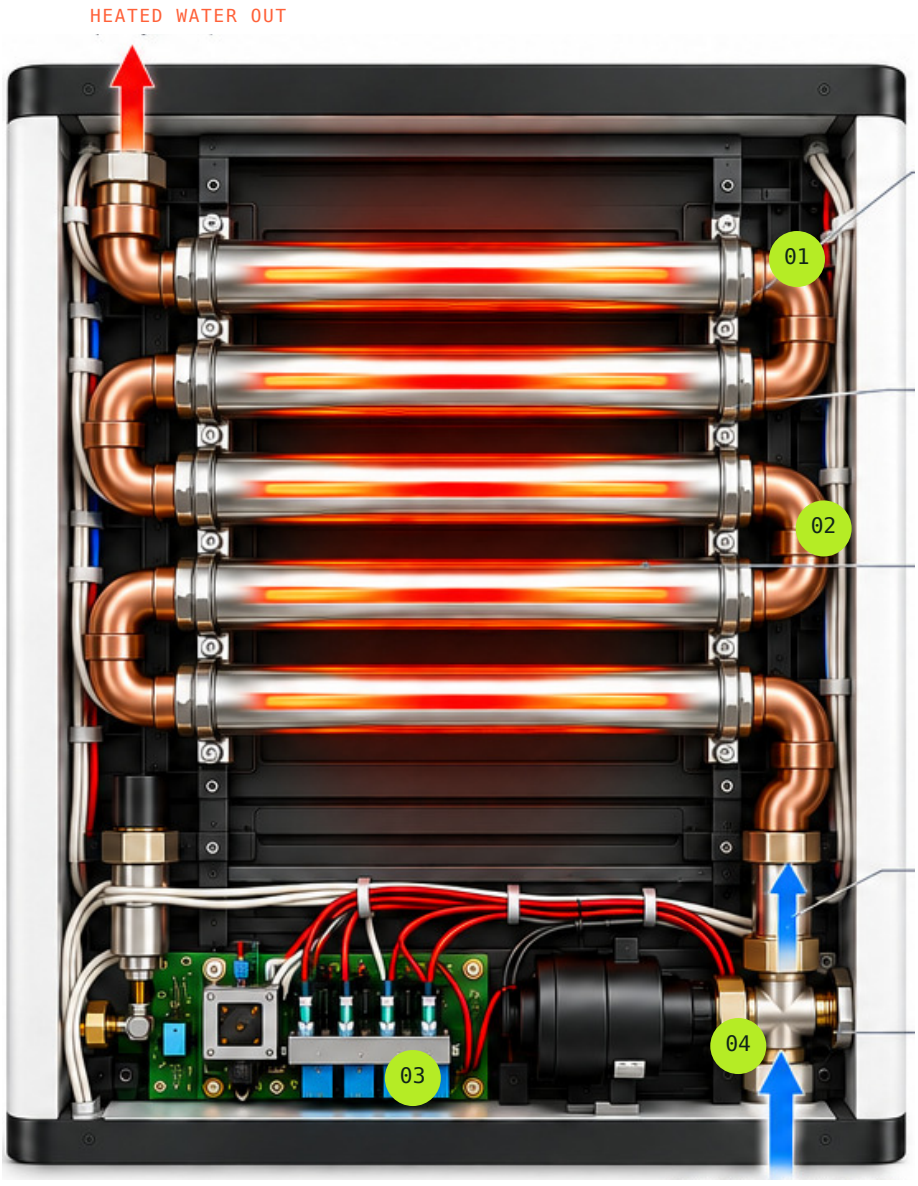
INFRARED HEAT. ALL UNDER ONE COVER.

* Efficiency and noise claims are based on IRIS product information. The noise figure refers to the heating unit; the pump and installation may produce sound. Maintenance and integration depend on configuration and use. Indirect CO_2 emissions depend on the electricity supply.

INSIDE IRIS.

FOLLOW THE HEAT.

Infrared lamps. A continuous water route.
Power and circulation, brought together.



01

INFRARED LAMPS

The lamps transfer heat to water in the heating section.

02

SERIES FLOW PATH

Stainless-steel tubes and U-bends guide the water through the unit.

03

CONTROL ELECTRONICS

Electronics regulate power and monitor system operation.

04

CIRCULATION PUMP

The integrated pump circulates water through the system.

DIMENSIONS / H x W x D

Approx. 600 × 700 × 150 mm

10 kW	0.45 m³/h	80 °C
NOMINAL OUTPUT	NOMINAL FLOW RATE	MAX. WATER TEMP.

Specifications are based on the supplied product information. Design and performance depend on configuration and operating conditions. The noise figure refers to the heating unit; the pump and installation may produce sound.

BUILD YOUR IRIS.

Start with IRIS. Choose the functions and energy options that fit your building and the way you use it.

THE CORE



IRIS / ELECTRIC HEATING

OPTIONAL ADDITIONS

HOT WATER

Add domestic hot water for taps and showers.

BATTERY STORAGE

Store electricity for use at a later time.

HYBRID INVERTER

Link compatible solar PV and battery equipment to the electrical system.

SMART CONTROL

Coordinate heating, storage and grid use with EMS and load balancing.

YOUR HEAT. YOUR ENERGY. YOUR CHOICE.

CHOOSE YOUR OPTIONS

- ☐ Hot water
- ☐ Battery
- ☐ Inverter
- ☐ Smart control

Configuration concept. Domestic hot water and energy-system integrations are in development. Final combinations depend on technical validation, component compatibility and availability. We help tailor the system to your project.

FROM LIVING ROOM TO PRODUCTION LINE.

Applications for today. Possibilities for tomorrow.



Residential

Space heating for houses, apartments and holiday homes.

HOME COMFORT



Commercial

Heat for offices, retail, hospitality, care and business premises.

BUILDING HEAT



Industrial

Process heating: preheating fluids and maintaining temperature.*

DEVELOPMENT



Equipment

Heating for fryers and other foodservice equipment in professional kitchens.

FOODSERVICE

FLUIDS / CONFIGURATIONS

Water

Closed heating circuits.

Water / glycol

Project-specific configurations.

Thermal oil

Process heat development.

Other fluids

Tailored heat-exchanger solutions.

* Industrial applications are a development pathway. Glycol, thermal oil and other fluids require project-specific validation of the fluid, temperature, output, pump and materials. Domestic hot water, EMS, solar PV and battery integration are in development. Application images are illustrative.

LET'S TALK HEAT.

MEET IRIS

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