COMET
SPA INTERIOR

PROFESSIONAL WATER HEATING

ELECTRIC POOL HEATER

12 - 48 kW | 380 V | 3 PHASE

European components. Assembled by Comet Spa Interior.



HOTELS | VILLAS | HEALTH CLUBS | SPA POOLS

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COMET
SPA INTERIOR

ENGINEERED FOR DEPENDABLE PERFORMANCE

Precision heating. Built to last.

Inline electric heating for pools, spas and hydrotherapy installations.

The COMET Electric Pool Heater is a compact, stainless-steel inline solution designed for controlled water heating in professional aquatic environments.

- **European selected components**
- **Assembly by Comet Spa Interior**
- **Stainless-steel anti-corrosion enclosure**
- **Digital temperature controller**
- **Overheat and dry-run protection**
- **Compatible with PVC / UPVC circuits**



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PRODUCT RANGE

One platform. Seven capacities.

Select final capacity after a project heat-loss calculation.

MODEL	OUTPUT	SUPPLY	NOMINAL CURRENT*
CPH-12	**12 kW**	380 V / 3 Ph / 50 Hz	18.2 A
CPH-18	**18 kW**	380 V / 3 Ph / 50 Hz	27.3 A
CPH-24	**24 kW**	380 V / 3 Ph / 50 Hz	36.5 A
CPH-30	**30 kW**	380 V / 3 Ph / 50 Hz	45.6 A
CPH-36	**36 kW**	380 V / 3 Ph / 50 Hz	54.7 A
CPH-42	**42 kW**	380 V / 3 Ph / 50 Hz	63.8 A
CPH-48	**48 kW**	380 V / 3 Ph / 50 Hz	72.9 A

*Calculated at 380 V, 3-phase, resistive load (PF≈1). Confirm site voltage and final protection with the electrical engineer.

Sizing note

Required heater output depends on pool volume, desired temperature rise, ambient conditions, indoor/outdoor use, insulation, cover, evaporation, circulation rate and required heat-up time. COMET can support project-specific selection.

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TECHNICAL DATA

General data sheet

Specifications apply across the series unless noted otherwise.

HEATING CAPACITY	12 / 18 / 24 / 30 / 36 / 42 / 48 kW
ELECTRICAL SUPPLY	380 V, 3-phase, 50 Hz
HEATING PRINCIPLE	Electric resistance heating tube
CONTROL	Digital temperature controller
TEMPERATURE RANGE	37-45 °C controller range*
ENCLOSURE	Stainless steel, anti-corrosion construction
INSTALLATION	Inline, downstream of filtration
CONNECTIONS	PVC / UPVC compatible unions
SAFETY	Overheat and dry-run protection
APPLICATIONS	Pools, spa pools, hydrotherapy, hotels, villas, health clubs
COMPONENT ORIGIN	European selected components
ASSEMBLY	Comet Spa Interior - Egypt

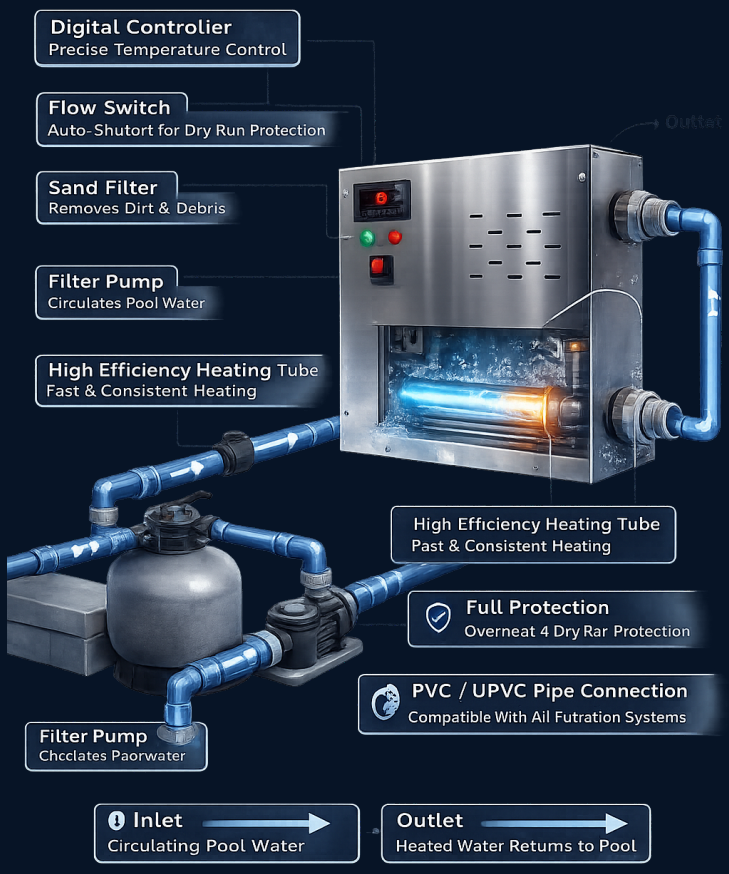
*Operating setpoint must comply with the pool design, applicable health requirements and user comfort limits.

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SYSTEM INTEGRATION

Clean inline installation

Install after filtration and before the heated-water return to the pool.



01
FILTER
Water is cleaned before heating.

02
PUMP
Stable circulation passes through heater.

03
HEATER
Controller regulates the set temperature.

04
RETURN
Heated water returns to the pool.

INSTALLATION REQUIREMENT

Provide correct water flow, isolation valves, earthing, suitable RCD/MCB protection and professional electrical/hydraulic installation. Never energize without confirmed water flow.

COMET
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HEAT YOUR WATER WITH CONFIDENCE

Designed for your project.

From product selection to installation and commissioning, Comet Spa Interior delivers practical heating solutions for professional pool and spa environments.



SALES & TECHNICAL ENQUIRIES

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Specifications may be updated as part of continuous product development.