COMET SPA INTERIOR

STEAM GENERATOR

ENGINEERED FOR PURE RELAXATION



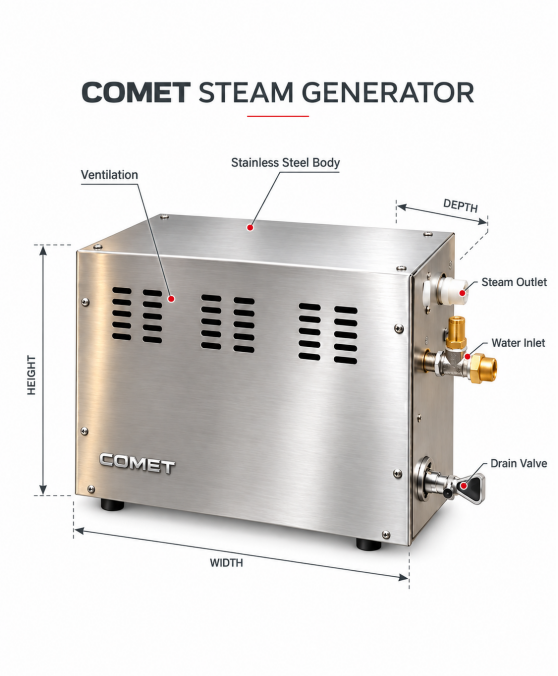
STAINLESS STEEL BODY | GERMAN COMPONENTS | MADE IN EGYPT

6 • 9 • 12 • 15 • 18 • 24 kW

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Professional steam, engineered with purpose

The COMET commercial steam generator combines a durable stainless-steel enclosure, corrosion-resistant SS316 water tank and modular 3 kW heating elements. Automatic water filling, controlled heating and automatic drainage support consistent operation and simplified routine care.



- **SS304 BODY**
  Robust brushed stainless-steel external cabinet.
- **SS316 TANK**
  High corrosion resistance at the water and steam zone.
- **DIXELL CONTROL**
  Digital temperature control supplied with wired probe.
- **AUTO MANAGEMENT**
  Automatic fill, dry-run protection and automatic drain.
- **MODULAR POWER**
  6, 9, 12, 15 and 18 kW configurations.
- **SERVICE ACCESS**
  Removable enclosure and separated electrical section.

Applications

Hotels & resorts | Private villas | Health clubs | Day spas | Wellness centers

Choose the correct output.

Final sizing must consider finished room volume, wall and door materials, insulation, ceiling height, ambient conditions, ventilation and operating profile. The ranges below are preliminary selection guidance.

Model	Rated output	Heating elements	Indicative room volume	Supply	Nominal current*
CSG-06	6 kW	2 x 3 kW	6 - 8 m3	380 V / 3 Ph / 50 Hz	9.1 A
CSG-09	9 kW	3 x 3 kW	9 - 12 m3	380 V / 3 Ph / 50 Hz	13.7 A
CSG-12	12 kW	4 x 3 kW	12 - 15 m3	380 V / 3 Ph / 50 Hz	18.2 A
CSG-15	15 kW	5 x 3 kW	15 - 19 m3	380 V / 3 Ph / 50 Hz	22.8 A
CSG-18	18 kW	6 x 3 kW	18 - 23 m3	380 V / 3 Ph / 50 Hz	27.3 A

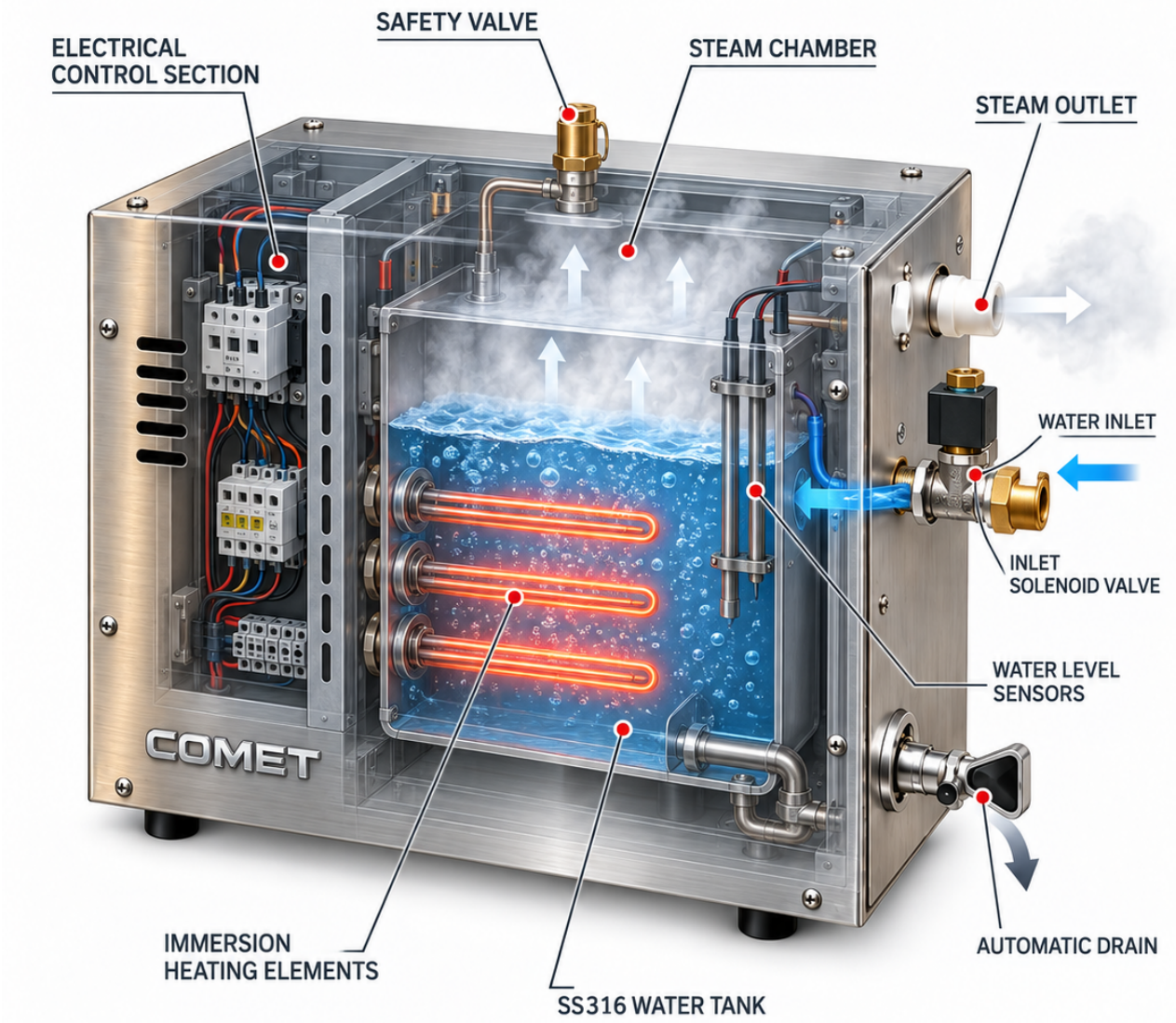
ROOM-SIZING NOTE

Increase capacity allowance for glass, natural stone, external walls, poor insulation, frequent door opening or rapid heat-up requirements. A project-specific heat-loss calculation is recommended before order confirmation.

** Calculated reference current at 380 V three-phase, unity power factor; protective-device selection is by qualified electrical designer.*

COMET STEAM GENERATOR – X-RAY VIEW

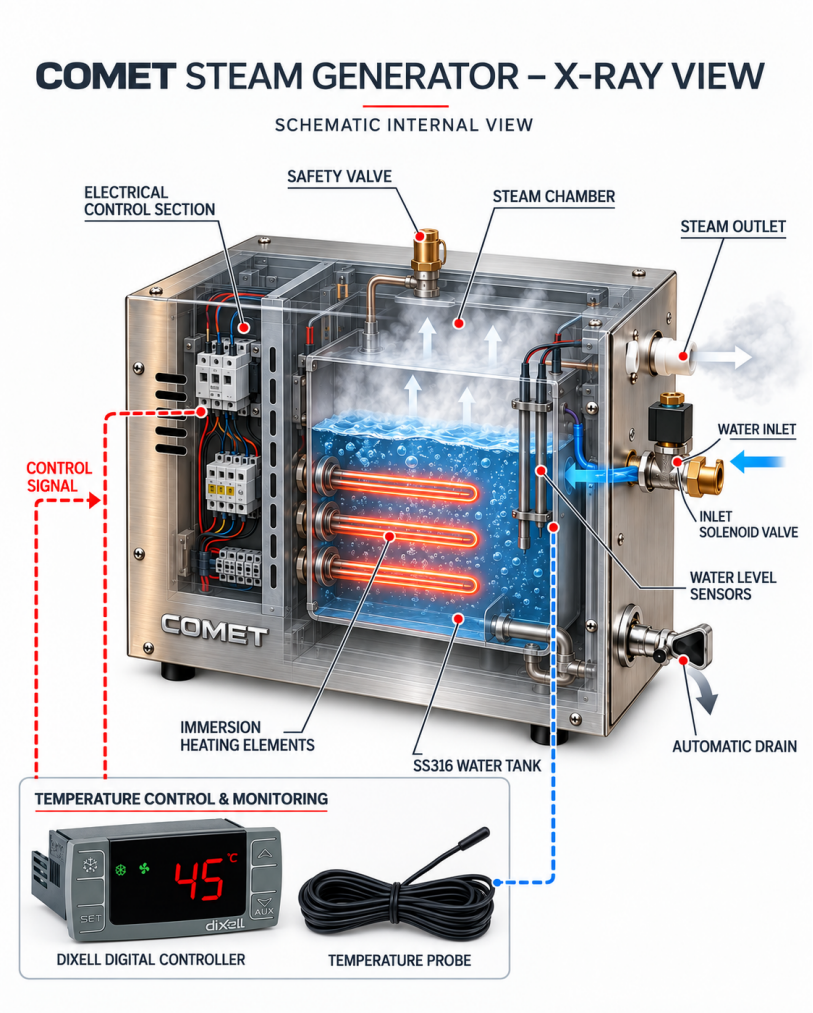
SCHEMATIC INTERNAL VIEW



Schematic view. Internal layout illustrates the operating concept and major components. Component positions and arrangement may vary by model and production revision.

Simple, precise operation.

The supplied digital temperature controller provides set-point adjustment and temperature monitoring through a wired probe. It interfaces with the generator control circuit; final mounting is selected to suit the project and applicable electrical requirements.



Control function	Description
Temperature display	Digital room-temperature indication
Set-point control	Adjustable operating temperature
Sensor	Wired temperature probe / thermostat sensor
Control interface	Low-current signal to electrical control section
Installation	Dry, accessible location outside the steam room unless enclosure rating permits
Important	Controller shown is representative; supplied model may vary by project.

Technical specification

Parameter	Standard specification
Available capacities	6 / 9 / 12 / 15 / 18 kW
Electrical supply	380 V, 3 phase, 50 Hz
Heating architecture	Modular stainless-steel immersion elements, 3 kW each
External body	SS304 brushed stainless steel
Water tank	SS316 stainless steel
Temperature control	Digital Dixell controller with wired temperature probe
Water management	Automatic water inlet via solenoid valve
Drainage	Automatic drain system; manual/service isolation arrangement as applicable
Safety functions	Safety valve, dry-run protection, level monitoring and control interlocks
Steam connection	Project/model-specific threaded outlet connection
Installation environment	Indoor technical area; dry, ventilated and service-accessible
Duty	Commercial and residential steam-room applications
Warranty	12 months against manufacturing defects, subject to installation and maintenance terms
Origin	COMET engineering and assembly

Specifications, connection sizes, enclosure dimensions and internal arrangement are subject to model confirmation and continuous product development. Request the approved project submittal and general-arrangement drawing before installation.

Designed for serviceability.

INSTALLATION ESSENTIALS

- Install in a dry, ventilated technical area.
- Provide clear service access around removable panels.
- Use a dedicated isolator and correctly rated protection.
- Earth the generator in accordance with local regulations.
- Fit approved water, steam and drain pipework.
- Insulate the steam line and maintain correct fall.

COMMISSIONING

- Flush the water supply before connection.
- Verify supply voltage, phase sequence and earthing.
- Confirm fill, level control, heating and drain functions.
- Check all joints for leakage.
- Program the operating set point.
- Record commissioning results and handover instructions.

ROUTINE CARE

- Inspect water quality and scale condition.
- Check terminals, contactors, valves and safety devices.
- Clean the tank at intervals suited to water hardness.
- Keep ventilation openings unobstructed.
- Replace worn seals and components with approved parts.
- Disconnect and isolate all supplies before service.

SAFETY NOTICE

Installation, commissioning and servicing must be carried out by qualified professionals in accordance with local electrical, plumbing, pressure-system and building regulations. Never operate without water, bypass safety controls or open the enclosure while energized. Water treatment may be required in hard-water areas.

Prepared for safe transport.

Each generator is protected for handling and delivery with a reinforced corrugated carton, moisture barrier, formed corner protection



Standard packing content	Generator unit; digital controller; wired temperature probe; supplied valves/fittings as ordered; documentation pack.
Handling	Keep dry. Transport upright. Do not stack beyond the approved transport plan.
Receipt inspection	Inspect carton and unit immediately; record visible transit damage before acceptance.

STEAM TECHNOLOGY.
SPA EXPERTISE.

Design | Supply | Installation | Commissioning | Service

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Product images are illustrative. Technical data is subject to final model and project confirmation.