

HOW TO CHOOSE A MARINE WATER HEATER

Find the equipment that meets your boat's specific needs

BUYING
GUIDE



Marine water heaters are essential for life on board. Whether on a sailboat or a luxury yacht, they provide hot water for daily use, ensuring optimal comfort during your voyages. Among the many models available on the market, Gianneschi water heaters stand out for their build quality, reliability, and suitability for the marine environment.

This guide will walk you through the different ranges, their specific features, and how to choose the one that best suits your boat.

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Overview of water heaters



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GIANNESCHI BOILER OVERVIEW

Gianneschi, a renowned brand in the nautical field, offers several types of water heaters suited to different uses. Here is a detailed overview:



SLIM WATER HEATERS

Gianneschi's SLIM boilers are the most compact models, perfectly suited for confined spaces on board.

Main Use: Domestic hot water heating in marine environments, ideal for small vessels.

MAIN FEATURES :

- Capacity: From 22 liters to 80 liters
- Single-phase heating element: 1.2 kW.
- Integrated anode and safety valve.
- Fixed heat exchanger of 0.20 m² for efficient heating.
- Polished stainless steel casing EN 1.4016 (AISI 430BA) with a sheet thickness of 2 mm.
- Supplied with a bracket for simplified installation.

VPO WATER HEATERS

Gianneschi's VPO boilers are distinguished by their installation flexibility and their capacity, suitable for large vessels.

Main Use: Domestic hot water heating in marine environments, ideal for yachts and professional ships.

MAIN FEATURES :

- Capacity: From 60 liters to 120 liters.
- Electric heating element: From 1.5 kW to 5 kW.
- Magnesium anode for corrosion protection.
- Equipped with a valve group and an integrated thermometer.
- Polished stainless steel casing EN 1.4016 (AISI 430BA).
- Supplied without feet or brackets for maximum installation flexibility.





PVC VPO1 BOILER

An effective alternative with an external PVC coating, perfect for preventing external corrosion in wet holds.

FEATURES :

- Models: 80L and 100L PVC.
- Power: 1.5 kW at 230V.
- Key feature: RAL 9006 PVC coating, highly resistant to impacts and saline environments.

VPO2 & VE3 BOILER

For ships requiring high flow rates and ultra-fast heating.

FEATURES :

- VPO2 models: 150L, 200L, 250L, 300L (Stainless steel).
- VE3 model: 250L (Stainless steel).
- Power: Dual heating elements (2 x 3kW or 2 x 5kW) at 230/400V.
- Key feature: Double the heating capacity and volumes up to 300 liters for maximum autonomy.



FOCUS

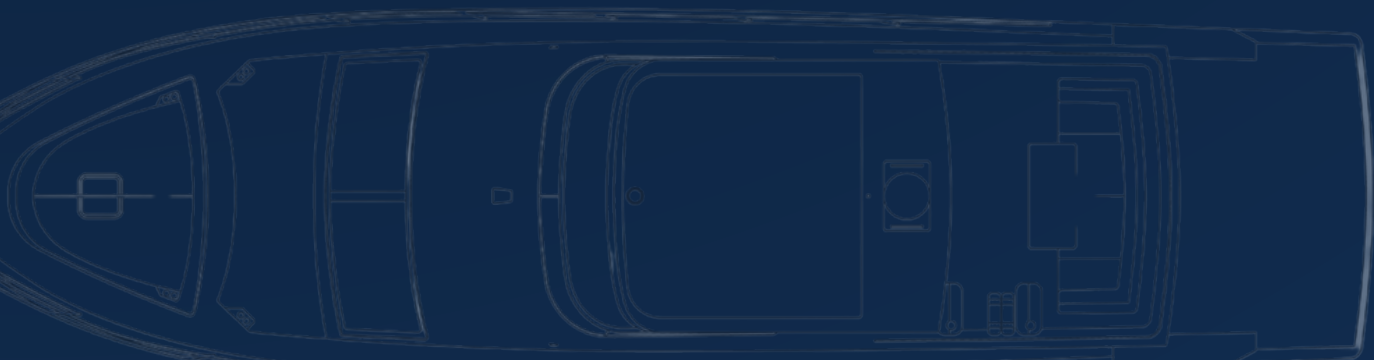
ON OUR PARTNER BRAND

GIANNESCHI
pumps and blowers 

Gianneschi is a renowned Italian brand, known for its expertise in high-end marine equipment. For decades, it has excelled in designing reliable and innovative products, built to meet the high demands of marine environments.

With a strong focus on quality, Gianneschi uses durable materials such as stainless steel and PVC, ensuring optimal resistance to corrosion. Its commitment to technological innovation guarantees long-lasting and efficient performance, suitable for both leisure boaters and marine professionals.

Choosing Gianneschi means opting for a combination of tradition, precision, and excellence in the nautical world.



EXPLANATORY DIAGRAMS

SERPENTIN INTÉRIEUR

Fait circuler de l'eau chaude ou un fluide caloporteur pour chauffer l'eau du réservoir sans contact direct.

INTERNAL COIL

Circulates hot water or a heat transfer fluid to heat the tank water without direct contact.

CUVE INTÉRIEURE

Contient l'eau à chauffer ; fabriquée en acier inoxydable pour résister à la corrosion marine.

INNER TANK

Contains the water to be heated: made of stainless steel to resist marine corrosion.

ISOLATION EN POLYÉTHYLÈNE

Permet de conserver la chaleur plus longtemps et réduit les pertes d'énergie.

POLYETHYLENE INSULATION

Allows heat to be retained longer and reduces energy loss. marine corrosion.

ENTRÉE D'EAU AVEC SOUPAPE DE SÉCURITÉ

L'eau froide entre ici ; la soupape évacue la pression excessive pour garantir la sécurité du système.

WATER INLET WITH SAFETY VALVE

Cold water enters here: the valve releases excessive pressure to ensure system safety.

ANODE EN MAGNÉSIUM

Protège la cuve contre la corrosion électrochimique (présente uniquement dans certains modèles).

MAGNESIUM ANODE

Protects the tank against electrochemical corrosion (present only in some models).

DOUBLE THERMOSTAT

Permet de régler et contrôler la température de l'eau. Double sécurité contre la surchauffe.

DOUBLE THERMOSTAT

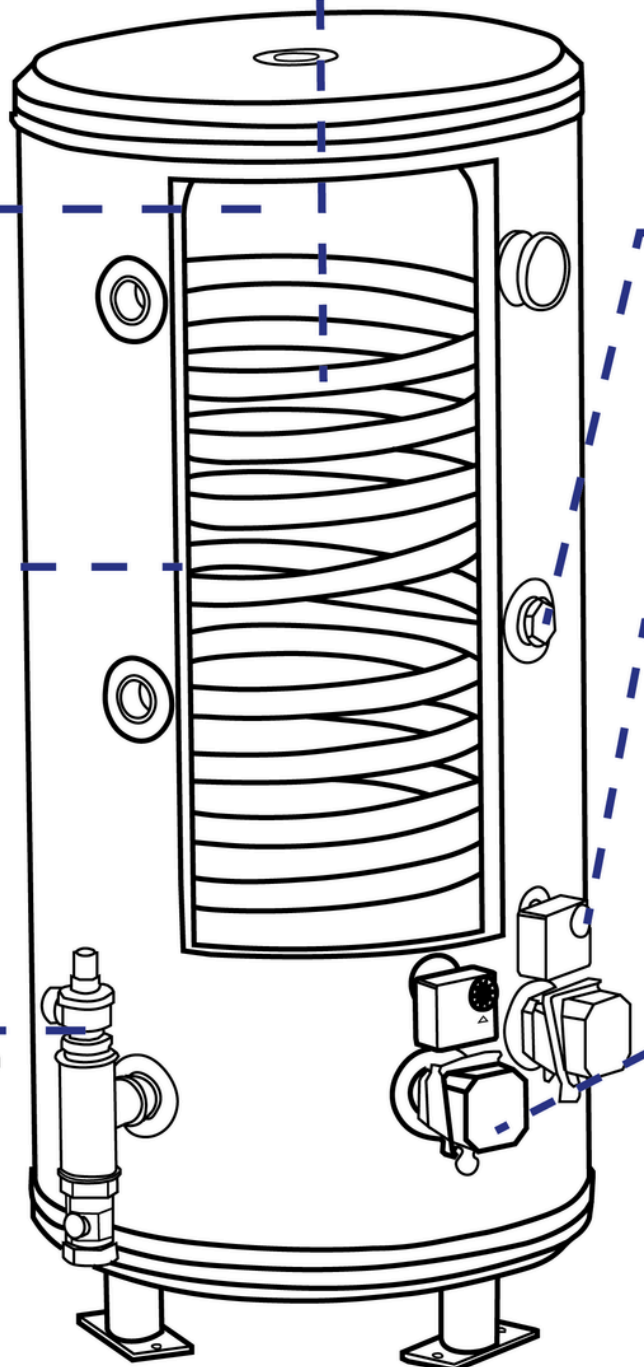
Allows precise setting and control of water temperature. Double safety against overheating.

RÉSISTANCE ÉLECTRIQUE

Élément principal de chauffe : convertit l'énergie électrique en chaleur.

ELECTRIC HEATING ELEMENT

Main heating element: converts electrical energy into heat.



D3 SELECTION CRITERIA

Determine your hot water needs

For small boats: SLIM models (22–80 L) are often sufficient

For yachts or professional boats: choose VPO models (60–300 L)

Consider available space

SLIM is perfect for tight spaces

VPO models offer vertical or horizontal installation options

Check compatibility with your electrical system

Ensure voltage and setup fit your onboard system

Check the required power

Choose a heating element that matches your energy needs (1.2 kW for SLIM, up to 5 kW for VPO2)

Choose durable materials

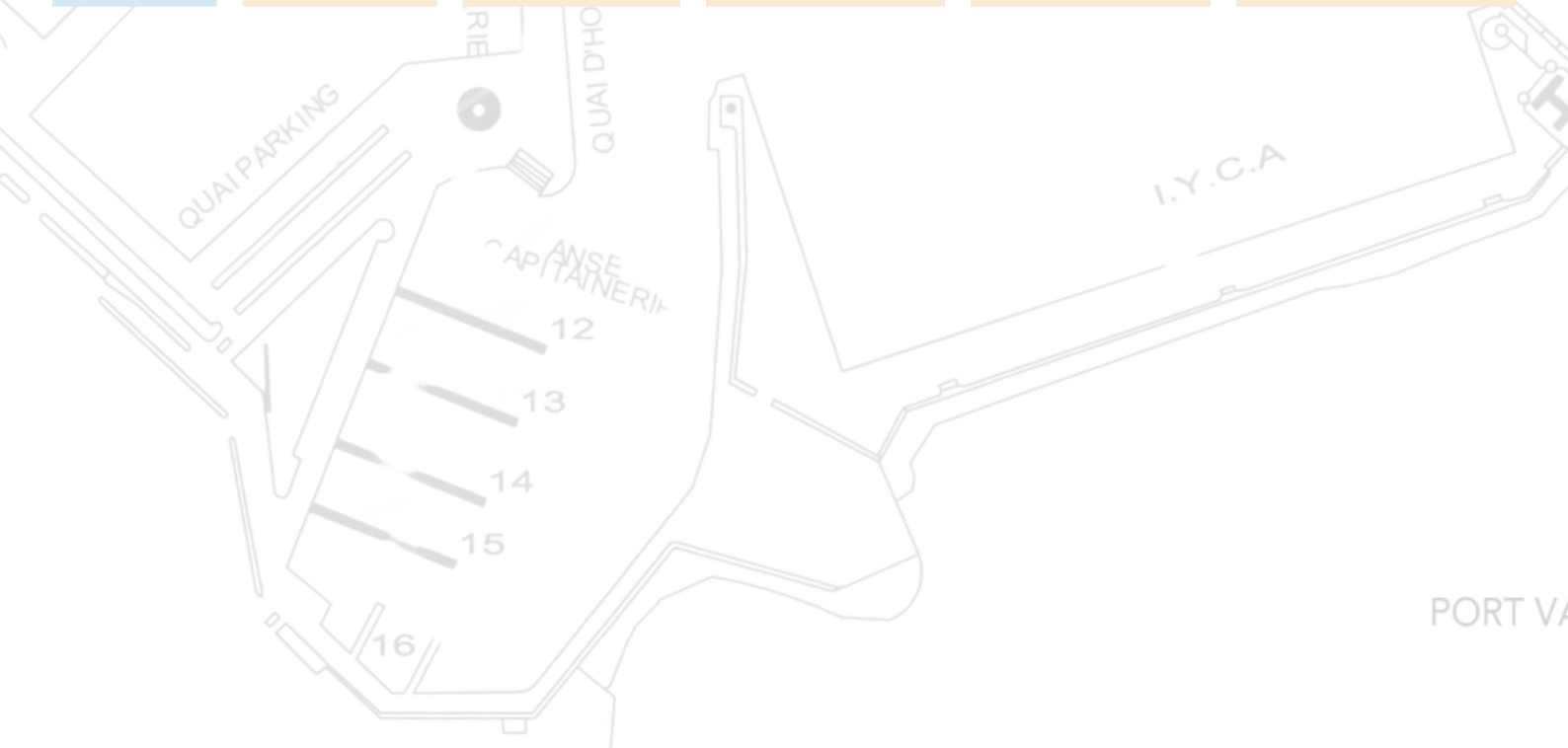
Stainless steel ensures long life and corrosion resistance



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COMPARISON TABLE

Model	Capacity	Power (Kw)	Material	Installation	Recommended Use
SLIM	22-80 L	1,2 Kw	Stainless steel (AISI 430BA)	Vertical only	Small boats
VPO	60-120 L	1,5-5 Kw	Stainless steel (AISI 430BA)	Vertical/Horizontal	Yachts, pro vessels
VPO1	60-200 L	1,5-5 Kw	PVC (RAL 9006)	Vertical/Horizontal	Harsh marine settings
VPO2	150-300 L	Up to 2x5 Kw	Stainless steel (AISI 430BA)	Vertical/Horizontal	Large vessels



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INSTALLATION & MAINTENANCE TIPS

Professional installation :
Hire a qualified installer to ensure safe and efficient setup

Regular maintenance :

- Clean components to prevent salt/lime deposits
- Check anodes regularly to prevent corrosion

Winter storage :
Drain the water heater before storing off-season to avoid freeze damage

Gianneschi boilers offer reliable and efficient solutions for domestic hot water heating in marine environments. Whether you need a compact model for a sailboat or a high-end solution for a professional yacht, Lyvio Marine is here to assist you.

WHY CHOOSE LYVIO MARINE FOR YOUR WATER HEATERS



A wide range of products from top brands.



Personalized advice thanks to our technical expertise.



Fast and reliable delivery in France and internationally.



Dedicated after-sales service to ensure your satisfaction.