



SteamAqua®

Steam-fired instantaneous water heater capable of rapidly generating a stable supply of hot water

- > high-precision temperature control
- > efficient heat transfer
- > touch panel allows simple operation and adjustment



SteamAqua. THE ULTIMATE SOLUTION FOR HOT WATER SUPPLY APPLICATIONS

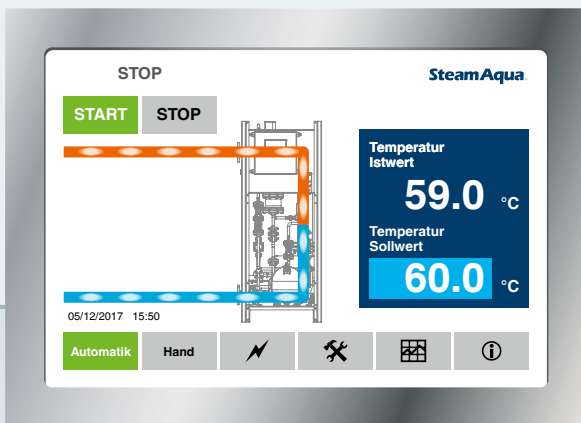
Compact design, packed with innovative technology

SteamAqua is a compact, all-in-one design heat exchanger station that arrives ready for connection. The **SteamAqua** combines TLV's best practices in steam and condensate handling, enabling precise temperature control with high-quality steam, ensuring that all condensate formed is promptly discharged under all load conditions.

Conditioned dry steam supply by CV-COS and condensate discharge by TLV PowerTrap guarantees stable operation. By choosing **SteamAqua**'s unique pre-heater option, hot condensate can be used to pre-heat cold water prior to entering the heat exchanger.

APPLICATION AREAS

Heating
 Washing processes
 Cleaning in place
 Sterilisation in place
 Hot and warm water supply
 Food products
 Sanitary applications



EASE OF OPERATION BY TOUCH PANEL DISPLAY

- > simple operation
- > showing current process details
- > visualizing operational status
- > select set temperature
- > alarm history review



Brewery



Chemical



Beverage



Cosmetics



Food



Pharmaceuticals



Pools



Sanitary



Water

PED 2014/68/EU
DIN EN 12828
AGFW FW 519



simple operation and adjustment

Compact design
W x L x H:
76 x 96 x 190 cm

Integrated cooling system

Safe and efficient condensate discharge by **PowerTrap**

Safety equipment
DIN EN 14597

Conditioned dry steam supply by **CV-COS**

304/316 stainless steel heat exchanger and enclosure

Saving energy through an integrated pre-heater

Space saving footprint 0.8 m²

simple transportation and secure anchoring

TLV SteamAqua

SteamAqua supplies hot water only when needed and in the quantity that you specify. It offers the option to eliminate storage tanks reducing any Legionella risks and preventing wasteful water disposal by supplying hot water only when needed and in the quantity that you specify. It can also be used in combination with storage tanks if necessary. Safety features include an integrated cooling system that prevents any risk of overheating.

By **SteamAqua**'s unique pre-heater, hot condensate can be used to pre-heat cold water prior to entering the heat exchanger, saving energy by reducing steam consumption.

> energy efficient functionality

> on-demand hot water production

> mobile deployment

Insulation of the inner parts is available and diminishes heat radiation loss. For optimum plant flexibility the **SteamAqua** skid can be transported to different locations using a fork lift truck, or via castors mounted on the base, this makes it possible to use the same unit in different locations.



Learn more about how you can optimise your processes with TLV system solutions.

We consult. Personally, with knowledge.

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