

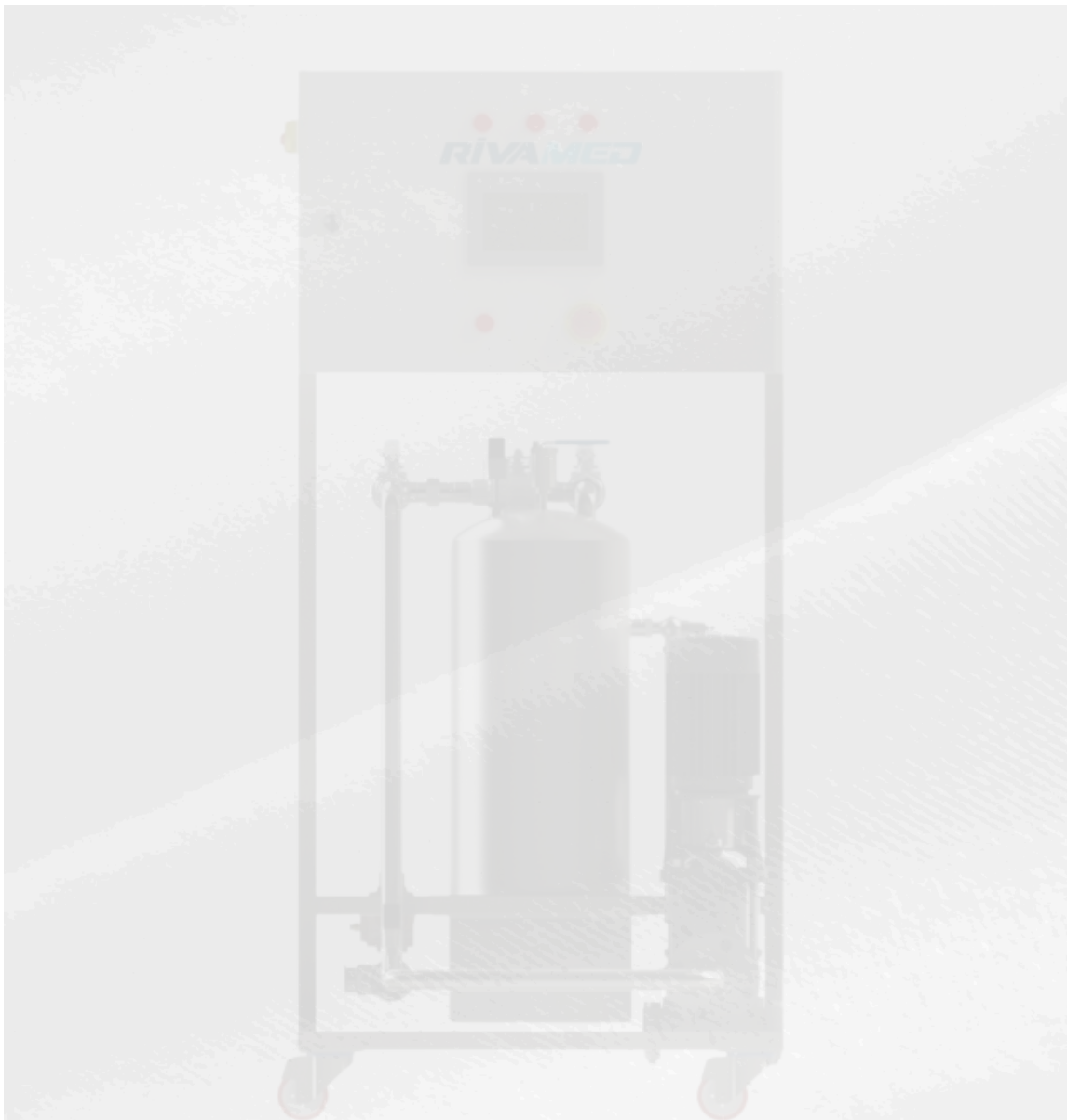
# **RIVAMED**

*Save Water, Save Life*

## **HSS**

---

## **HSS-XL**



RIVAMED HSS Series is an online thermal disinfection system designed for effective disinfection of hemodialysis water distribution loops, hemodialysis machines, connection hoses and reverse osmosis ensuring high microbiological safety and hygienic operation. The series is optionally available with an integrated 500 liter storage tank, enabling simultaneous thermal disinfection of multiple hemodialysis machines at the same time.

Equipped with an in-line heating system, the HSS Series provides fast and energy efficient thermal disinfection. Fully compatible with RIVAMED reverse osmosis systems, the series allows simultaneous disinfection of hemodialysis machines and distribution loops, supporting continuous operation and maximizing operational safety.

Manufactured from AISI 316 stainless steel and equipped with a PLC/Microprocessor controlled touchscreen interface, along with comprehensive safety and monitoring functions, the RIVAMED HSS Series offers a reliable, hygienic, and flexible thermal disinfection solution for modern hemodialysis centers.

### Compliance with ISO Standards

- ISO 23500-1:** Addresses guidance for the preparation and quality management of fluids for hemodialysis and related therapies
- ISO 23500-2:** Covers water treatment equipment for hemodialysis applications and related therapies
- ISO 23500-3:** Specifies minimum requirements for water for hemodialysis and related therapies



- Fast and energy efficient operation
- Simultaneous thermal disinfection of the distribution loop and hemodialysis machines
- PLC/Microprocessor control with touchscreen interface and safety-test
- Can be integrated into all Rivamed central water treatment systems

# TECHNICAL DATA

PARAMETER	HSS
<b>1. PERFORMANCE DATA</b>	
Dimensions (W × D × H)	73 x 73 x 155 cm
Weight	120-150 kg
Heat Disinfection Extraction Rate	150 lt/h
Integrated Hemodialysis Machine Disinfection	3 pcs at the same time
Maximum Pressure	6 bar
Hot Disinfection Temperature	60 – 87 °C
Noise Level	< 70 dB (A)
<b>2. WATER CONNECTIONS</b>	
Water Supply	25 mm PEX-A connection
Product Water	25 mm PEX-A connection*
Drain Water	Hose nozzle DN 25
<b>3. ELECTRICAL SAFETY</b>	
Mains Plug	CEE socket
Supply Voltage	380-400 V AC 50/60 Hz
Power Consumption	Max 19 kW
Water Protection Rating	IP44
Applied Parts Classification	Type B
Protection Against Electric Shock	I
Leakage Currents	Comply with ANSI/AAMI IEC 60601-1
Operating Mode	Continuous operation
<b>4. AMBIENT CONDITIONS</b>	
Shipping / Storage / Operating	+1 to +45 °C
Conditions	+1 to +35 °C
Humidity	Max. 90% relative humidity, non-condensing
Installation Altitude	< 2000 m above sea level

*\*Three different loops can be supplied.*

**RIVAMED**

*Save Water, Save Life*

[www.rivamed.com.tr](http://www.rivamed.com.tr)