

heatsan hot water disinfection systems

for distribution loops and integration
with dialysis machines



- Two models available: HeatSan 40 for disinfection of the distribution loop and HeatSan 400, which can provide up to 380 litres of 85°C water for integrated disinfection of distribution loops and dialysis machines
- User friendly LCD touch screen with multi level password protection for added security
- Can be configured to only heat volume of water required, saving on energy and cycle times (HeatSan 400)
- Event log holds up to 12 months of data
- Skid mounted unit designed to fit through standard single door width

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heat disinfection system for distribution loops and integration with dialysis machines

description

The HeatSan 40 has been designed for efficient disinfection of distribution loops typically located in satellite dialysis centers. The HeatSan 400 system, with its 380 litre hot water storage capacity, is ideal for disinfection of hospital renal dialysis wards with multiple loops and can provide disinfection of dialysis machines and interconnecting pipework.

- PLC controller, dual colour touch screen HMI displaying alarms, system status, tank level, disinfection temperatures and event log
- Easy step-through 7 day programmer
- Intelligent monitoring routines, leak detection and over-use
- Password protection
- Event log holds up to 12 months of data
- Stainless steel skid complete with insulated fully drainable stainless steel storage tank, fitted with three phase heating elements, level transmitter and temperature monitor
- Stainless steel recirculation pump, stainless steel solenoid valves and sanitary type connections to distribution system
- BMS alarm output



technical specification

Models	HeatSan 40/12	HeatSan 40/24	HeatSan 400/12	HeatSan 400/36
Part No.	G991102	G991101	G991109	G991106
Mains supply	400V ±10%+N+E, 50Hz,3ph			
Power consumption (Max)	14kW	26kW	13kW	37kW
Current draw per phase (Max) *	21 Amps	38 Amps	19 Amps	54 Amps
Working tank volume	40 litres	40 litres	380 litres	
Pump output range	1.8m ³ /hr (30-80psi)		1.2m ³ /hr - 4.4m ³ /hr (30-80psi)	
Water temperature (Max) **	95°C			
Drain Connection	1" BSP Male		3/4" Tri-clamp Sanitary (SS)	
Overflow Connection	1" BSP Male		1" Tri-clamp Sanitary (SS)	
Loop flow / return	1" Tri-clamp		1" Tri-clamp Sanitary (SS)	
Fill ***	3/4" BSP		1" Tri-clamp Sanitary (SS)	
Dimensions mm. (W x D x H)	600 x 800 x 1800		700 x 870 x 1732	
Shipping Weight	87 kg		316 kg	
Operating Weight (Max)	127 kg		696 kg	

contact

Water Purification Systems

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Notes: * During heat disinfection
 ** Heat disinfection default temperature 85°C
 *** Reverse osmosis permeate

