



DIALYSIS HEATSAN HEAT DISINFECTION SYSTEM

DIALYSIS
PROCESS
WATER



⊕ FEATURES

- Integrated heat disinfect system for the distribution loop
- Provides hot water to the dialysis machines, which are synced with the system
- PLC control with touch screen for adjustable cycles, times, intervals, days of the week, and more
- Provides up to 100 gallons of 185°F water
- Event log holds up to 12 months of data





INTEGRATED HEAT DISINFECTION SYSTEM FOR THE LOOP AND DIALYSIS MACHINES

The Heatsan is an integrated heat disinfection system for disinfecting the distribution loop and providing hot water to the dialysis machines with the ability to adjust for each day of the week, heating intervals, holding times and disinfection temperatures.

FEATURES

- Provides up to 100 gallons of 185°F hot water
- PLC controller, dual color touch screen displaying alarms, system status, tank level, disinfection temperatures and event log
- Easy step through programming (7 day program)
- Program syncs dialysis machines with the Heatsan
- Intelligent monitoring routines, leak detection, and over use
- Heat disinfect will abort if leak is detected
- Four levels of password protection
- Event log holds up to 12 months of data including AAMI standards required end of loop history
- USB download to Excel
- Stainless steel skid complete with insulated stainless steel storage tank with sloping base fitted with three heating elements to minimize electrical consumption, level transmitter and temperature monitor
- Stainless steel recirculation pump, stainless steel solenoid valves
- The isolation of the RO system is accomplished with three way motorized ball valves that are controlled by the HeatSan

STANDARDS

- Entire device conforms to IEC UL standard 61010-1
- FDA 510K / ISO 13485 Registered Medical Device
- Health Canada Medical Device License 90655



SPECIFICATIONS				
Models		HS208	HS460	HS575
Electrical		208V, 32 Amps, 3 Ph	460V, 16 Amps, 3 Ph	575V, 13 Amps, 3 Ph
Performance	Tank Volume	100 Gallons (380 Liters)		
	Pump Output Range	5.2 GPM @ 80 PSI 19.3 GPM @ 30 PSI		
	Designed Max. Water Temperature	203°F		
	Max. No. of Dialysis Machines	Depends on the volume of hot water required per machine and the rate at which they draw water. Total volume required not to exceed 95 gallons. Draw rate not to exceed pump performance.		
Connections In.	Drain	1½ Sanitary Tri-clamp Coupling		
	Overflow			
	Loop IN/OUT			
	Fill	½ Sanitary Tri-clamp Coupling		
	Hot Water Flow	1½ Sanitary Tri-clamp Coupling		
	Hot Water Return			
Dimensions In. (W x D x H)		28 x 35 x 70		
Weight Lbs. (Shipping / Operating)		700 / 1,580		

CONTACTS

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