SINGLE TANK CLEANING-IN-PLACE SYSTEM

The HRS Single Tank (ST) CIP System is designed for simple cleaning applications, where recovery of the cleaning fluid is not required.

Applications for the HRS ST CIP:

- For use in process systems where the HRS ST can be integrated into the main plants control system, this system is equipped with a PLC & HMI for automated control, and the tank is heated with steam using the HRS K Series multitube heat exchanger.
- For use in heat exchanger cleaning applications, the HRS ST is a mobile unit with basic control, and the tank is heated using electrical heating elements.

The HRS ST is available in sizes ranging from 500 to 2,500 litres capacity, all ancillary equipment can be client specified.

TECHNICAL DATA

Recirculation Pump	Centrifugal Sanitary
Pump Capacity Max. at 30 m Head	40 m^3/h
Voltage	380-420 V/3-phase/50 Hz 440-480 V/3-phase/60 Hz
Pump Motor Size (50/60 Hz)	5.5 kW - 7.5 kW
Total Heating Power	12 kW alt. 24 kW
Heating Time	12 kW/4 h alt 24 kW/2 h
Max. Operating Temperature	85°C (185°F)
Volume	500 - 2,500 litres (132 - 660 US gallons)
Number of Hoses	2
Hose Length	4 m
Hose Material Inside/Outside	UPE/EPDM
Connection Size	DN65
Wetted Parts Material	Stainless Steel AISI 316
Pump Gaskets	EPDM
Pump Seal	C/SiC
Hose Connection Gaskets	EPDM
ATEX Version	On Request

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