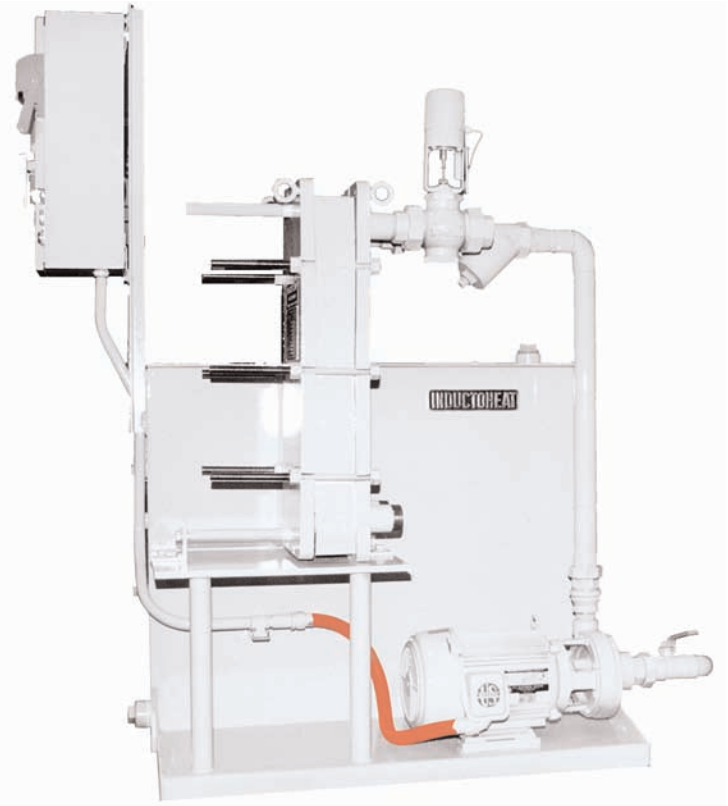


WATER RECIRCULATING SYSTEM

Plate Type Closed Loop, Atmospheric Pressure Heat Exchanger System

Features/Benefits:

- Stainless steel plate & frame heat exchanger operate on low plant water flow and allow for cleaning of all heat transfer surfaces for high efficiency and long life.
- Stainless steel tank with easy access for inspection. Tank is constructed of heavy gauge material to resist abuse and corrosion. Also has three 1.5 NPT return ports.
- Bronze pump with mechanical seals and a stainless steel shaft to insure long term reliability. Electric motor is totally enclosed, fan-cooled, NEMA design B ball-bearing type for safe and long lasting operation.
- Modulating temperature control valve utilizes plant water to cool system water only when system water exceeds a pre-set temperature 95° F (warmer than ambient temperature water eliminates the possibility of condensate forming inside electrical enclosures).
- Dial thermometer on tank shows water temperature for quick trouble shooting.
- Self-contained disconnect/motor starter/push button control allows the WRS to interconnect easily with the induction system without special controls being added.
- Screw-in filler cap keeps dirt and debris out of system water. Suction shut-off valve for easy pump replacement.
- Y-Strainer to assure water cleanliness.
- Liquid level sight glass on reservoir wall gives instant determination of safe water level.



400,000 btu/hr WRS

The Inductoheat Water Recirculating System (WRS) is a closed-loop, atmospheric pressure heat exchanger system designed and built to work with any make of induction heating equipment. It's furnished complete with heat exchanger, reservoir, pump, instruments and controls. All components are non-ferrous and pre-plumbed to allow the WRS to tie into any new or existing induction system with ease.

Our WRS will serve as the core of a cooling water supply system for one or more induction heaters removing the heat collected in low-conductivity cooling water quickly and efficiently. It's made with carefully selected, well-engineered components that resist corrosion and ion contribution, assuring long life and trouble-free operation.

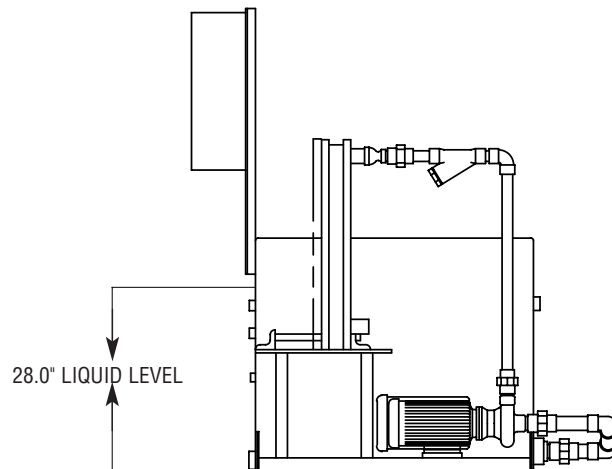
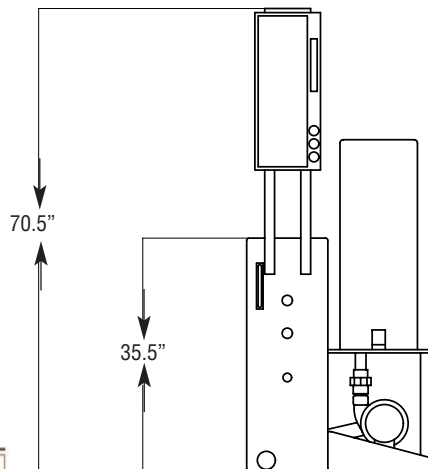
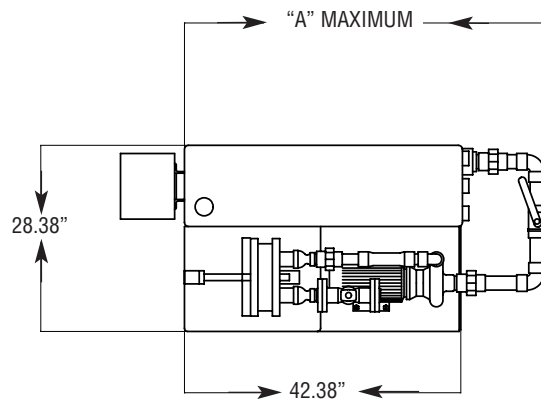
WATER RECIRCULATING SYSTEM

Plate Type Closed Loop, Atmospheric Pressure Heat Exchanger System

WATER SYSTEM SPECIFICATIONS:

MODEL NO.	LENGTH "A" INCHES	UTILITY REQUIREMENTS		OUTPUT OF WRS ³	
		ELECTRICAL ¹ (KVA)	PLANT WATER FLOW ² (GPM)	FLOW (GPM)	HEAT DISSIPATION (BTU/HR)
46P0210	52.38	7.7	37	100	200,000
46P0410	52.38	7.7	73	100	400,000
46P0815	52.38	9.8	146	150	800,000

1. Pump motor requires 3 phase, 460V, 60 Hz electrical power.
2. Plant water entering heat exchanger must be no warmer than 85° F and at a pressure sufficient to overcome a 30 psi pressure drop through the heat exchanger and modulating valve.
3. Output of WRS will be no warmer than 95° F and at a minimum of 40 psi pressure.



ISO 9001:2000 Certified

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