

SX Heater

SX High-Flow Water Heating System

Versatile Stainless Steel Heater for High Flow Demands

The Heateflex SX heating system is designed for heating high-purity water for applications where electric heating is preferred and high flow and a small footprint are essential. The SX provides a “plug and play” system, complete with all controls and safeties required to operate the system. A flexible design for mounting the heater and controls provides versatility to system integrators who are designing Clean-In-Place or other system skids. With the capability of operating at flows up to 100 GPM, the SX is a perfect solution for heating applications in the food & beverage, industrial, and life science industries.

HIGH-PURITY DESIGN

- 100% 316L Stainless Steel Wetted Surfaces

PLUG AND PLAY

- **PID Temperature Control** complete with controls and safety package for system requirements
- **Customizable Heater** to fit application requirements

SMALL FOOTPRINT

- **Compact Design** allows heater to take up small amount of floor space
- **Directly Mounts** on a skid, compatible for CIP systems

HIGH FLOW DESIGN

- **Single Module and Flange Design** allows for higher flows
- **CIP Compatible** and suitable for other cleaning applications

FACILITY DATA

POWER	12 - 200kW
VOLTAGE	200 - 480 VAC 3-phase (dependent on power)
WETTED SURFACE	316L SS, Electropolished
INPUT/OUTPUT	1" FNPT (options available)
MAX TEMPERATURE	95°C
PRESSURE RATING	60 PSI at 95°C
STANDARD FLOW	100 GPM

SAFETY FEATURES

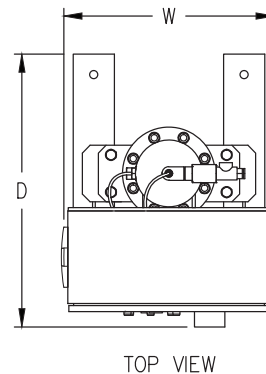
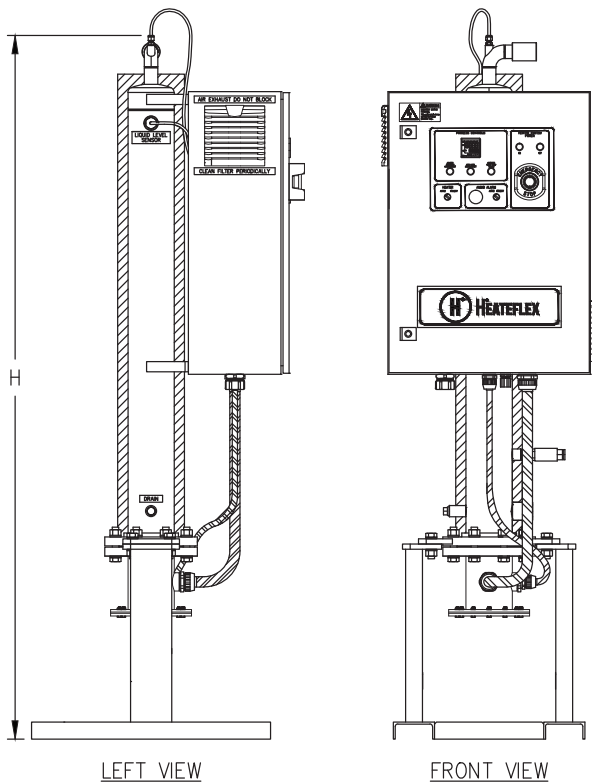
- **Over-Temperature Thermocouple** regulates heater temperature by limiting amount of heat produced
- **Process Thermocouple** ensures fluid temperature is accurately maintained
- **Float Interlock** ensures heater will not activate without meeting fluid volume requirements
- **Ground Wire Protection** for both user and heater

OPTIONAL FEATURES

- **NEMA 4X Design** to allow the heater to be in a wash-down area
- **Horizontal Design** can be built based on process requirements
- **Communications** between SX controller and external user interface

MODEL	KW	STANDARD MODEL (H x W x D)	
		LOW VAC*	HIGH VAC**
SX-12	12	70" x 24" x 24"	70" x 24" x 25"
SX-18	18	70" x 24" x 24"	78" x 24" x 24"
SX-24	24	70" x 24" x 24"	70" x 24" x 24"
SX-36	36	70" x 24" x 25"	70" x 24" x 24"
SX-48	48	70" x 24" x 25"	70" x 24" x 25"
SX-60	60	70" x 24" x 25"	70" x 24" x 25"
SX-72	72	70" x 24" x 25"	70" x 24" x 25"
SX-100	100	N/A	82½" x 24" x 25"
SX-120	120	N/A	82½" x 24" x 25"
SX-150	150	N/A	82½" x 27" x 27"
SX-200	200	N/A	30" x 82½" x 11"

*Low VAC: 208-240 VAC, 3-phase **High VAC: 380-480 VAC, 3-Phase



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