

SIoux**SF-50D-TM****Steam-Flo**

Steam-Flo Features Include:

- Maximum steam pressure - 15 PSI
- Maximum steam temperature - 250°F
- Redundant safety controls: auto reset pressure switch, manual reset pressure switch, ASME pressure relief valve, pressure gauge, water feeder with level switch, manual reset level switch, check valve, and inlet water screens
- Full steam production within 5-10 minutes of start-up
- Continuous supply of steam
- NEMA 4 electrical enclosure
- Safety Standards: UL-508A/CSA C22.2#14; ASME Section IV, CRN* (CRN not currently available for all-electric models SF3.8-E & SF11-E)

* Inlet water pressure requirement - Minimum 40 PSI, Maximum 150 PSI

* Inlet water supply should be minimum 1.5X usage

* Maximum inlet water temperature 120°F (49°C)

**Electrical & Mechanical Information**

Voltage	Phase	Hertz	Operating Current Amps
115	1	60	10

Performance

Boiler HP	Heat Input BTU/Hr	Steam Output Lbs/Hr	Max Steam Pressure PSIG	Max Steam Temperature °F
50	2,000,000	1,725	15	250

Connections

Water Inlet	Steam Outlet	Fuel Inlet	Flue Size
3/4" Garden Hose	4" NPT	3/8" Hose Barb	12"

Vessel Details

Total Boiler Volume	Operating Boiler Volume	Heat Transfer Surface	Water Usage
519 Gallons	330 Gallons	278 sq ft	3.5 GPM

Fuel Supply

Fuel Type	Fuel Usage	Tank Size
Diesel	14 GPH	119 Gallons

Weight & Dimensions

Length		Width		Height	
in	mm	in	mm	in	mm
180	4576	83	2103	109	2760
Weight			6000 (lbs), 6000 (kgs)		

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