

ProJet Sanitary Inline Steam Injection Water Heater

ProJet™ Inline Sanitary Water Heater is designed to supply on demand hot water.

The unique 2-stage self-modulating steam flow control design, maintains high steam flow velocity through a wider range of operation. This assures complete condensation of steam in the water, for precise temperature control, stable vibration free operation, and reliable heating performance.

The radial multi-port steam jet diffuser provides uniform heating of the water flow.

Self-cleaning design reduce chance for scale & mineral build-up.

Surface finishes 32 ra or better with no threaded connections.

Designed for complete fluid draining.

Interchangeable steam injectors if your heating requirements should change.

Simple, reliable, economical design.



Patent Pending

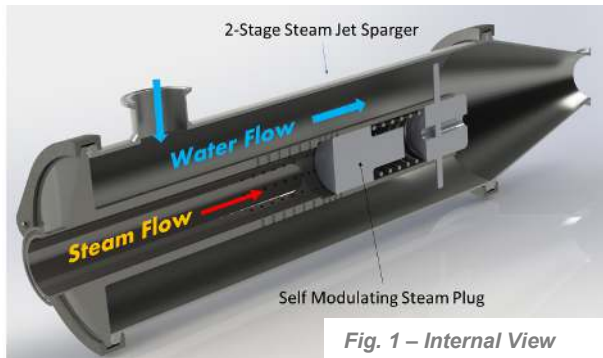


Fig. 1 – Internal View

Common Water Heating Applications ...

- On demand hot water
- CIP Cleaning
- Plant Sanitation Hot Water
- Vegetable blanching & Can Topping
- Hose Station Hot Water Tank Supply
- Hot Water Tank Supply
- Meat & Poultry processing

Liquid Body		Available Steam Injectors			
Water Connection Size	Max Flow (gpm)	G750	G1000	G1500	G2000
1.0"	33	Yes	Yes	---	---
1.5"	68	Yes	Yes	Yes	---
2.0"	120	Yes	Yes	Yes	Yes
3.0"	270	Yes	Yes	Yes	Yes
4.0"	485	Yes	Yes	Yes	Yes

Flowrates shown above based on water flow at 15 fps

ProJet™ Steam Injector Steam Flow & Heating Capacities							
Injector Size	Steam connection	Steam Flow Max (pph)	BTU/hr	Steam Flow Max (pph)	BTU/hr	Steam Flow Max (pph)	BTU/r
Model		150 psig		100 psig		60 psig	
G750	0.75"	2,120	2,100,000	1,550	1,570,000	1,020	1,080,000
G1000	1.0"	3,450	3,500,000	2350	2,400,000	1480	1,500,000
G1500	1.5"	5,380	5,450,000	3,900	3,370,000	2570	2,600,000
G2000	2.0"	8,900	8,900,000	6030	6,150,000	3900	3,900,000

Heating capacity of btu/hr shown is based on max steam flow shown at identified steam pressure.

Specifications – ProJet™ Industrial Inline Heater		
Liquid Body Rating:	Psig/°F (Barg/°C)	150/400 (10.3/204)
Materials of Construction:	Liquid Body – Stainless	ASTM A312, A240, A182
Materials of Construction:	Steam Injector Internals	316 SS
Design Standard:		ASME B31.1

For more information, please contact ProSonix at 800-849-1130 or info@psxllc.com