

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. Tri-clamp connections.

Designed for complete fluid draining.

Interchangeable steam injectors if your heating requirements should change.

Simple, reliable, economical design.



Patent Pending

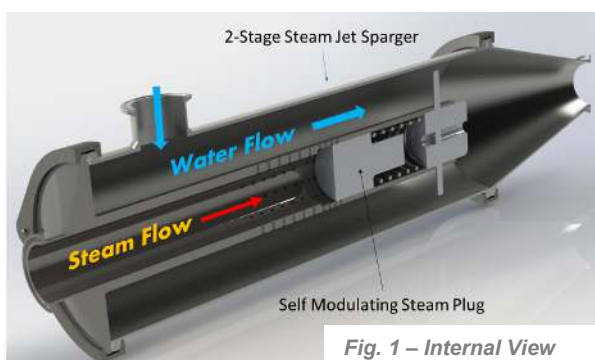


Fig. 1 – Internal View

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

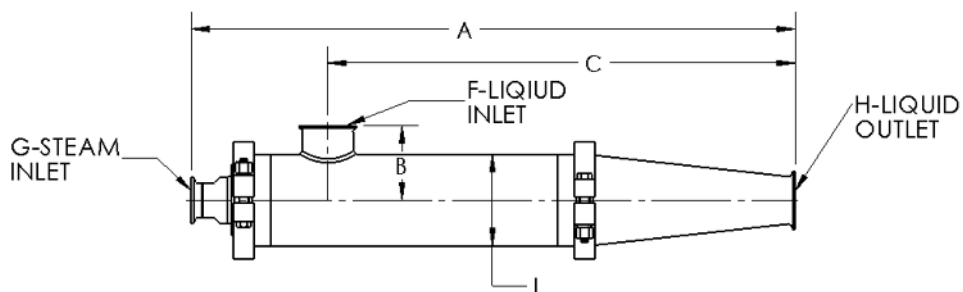
Liquid Body		Available Steam Injectors			
Water Connection Size	Max Flow (gpm)	G750	G1000	G1500	G2000
1.0"	33	Yes	Yes	---	---
1.5"	68	Yes	Yes	Yes	---
2.0"	120	Yes	Yes	Yes	Yes
3.0"	270	Yes	Yes	Yes	Yes
4.0"	485	Yes	Yes	Yes	Yes

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™ Sanitary Heater		
Pressure/Temperature:	Psig/°F (Barg/°C)	150/400 (10.3/204)
Materials of Construction	Liquid body - Stainless	ASTM A312, A240, A182
Material of Construction	Steam Injector Internals	316SS
Design standard		3A 61-02
Connections		Tri-Clamp Quick Disconnect



Model	Dimensions in [mm]			Connections Tri-Clamp			O.D. in [mm]	Weight LB (kg)
	A	B	C	F	G	H		
GS7510/GS1010	22.3[566]	2.75[70]	16.6[422]	1.0"	1.0"	1.0"	3.0[76]	14 (6.4)
GS7515/GS1015	23.5[570]	2.75[70]	17.8[452]	1.5"	1.0"	1.5"	3.0[76]	15 (6.8)
GS7520/GS1020	21.5[546]	2.75[70]	15.8[401]	2.0"	1.0"	2.0"	3.0[76]	15 (6.8)
GS7525/GS1025	24.0[610]	3.0[76]	18.3[465]	2.5"	1.0"	2.5"	4.0[102]	18 (8.2)
GS7530/GS1030	22.0[559]	2.9[74]	16.3[414]	3.0"	1.0"	3.0"	4.0[102]	18 (8.2)
GS1520	26.3[668]	3.25[83]	20.3[516]	2.0"	1.5"	2.0"	4.0[102]	22 (10)
GS1525	24.3[617]	3.0[76]	18.3[465]	2.5"	1.5"	2.5"	4.0[102]	22 (10)
GS1530	22.3[566]	2.9[74]	16.3[414]	3.0"	1.5"	3.0"	4.0[102]	22 (10)
GS2025	24.3[617]	5.0[127]	16.5[419]	3.0"	2.0"	2.0"	6.0[152]	38 (17.2)
GS2030	24.3[617]	5.75[146]	17.7[450]	3.0"	2.0"	3.0"	6.0[152]	39 (17.7)
GS2040	24.4[620]	5.75[146]	18.1[460]	4.0"	2.0"	4.0"	6.0[152]	40 (18.1)

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

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