

## ProJet® Inline Steam Injection Water Heater

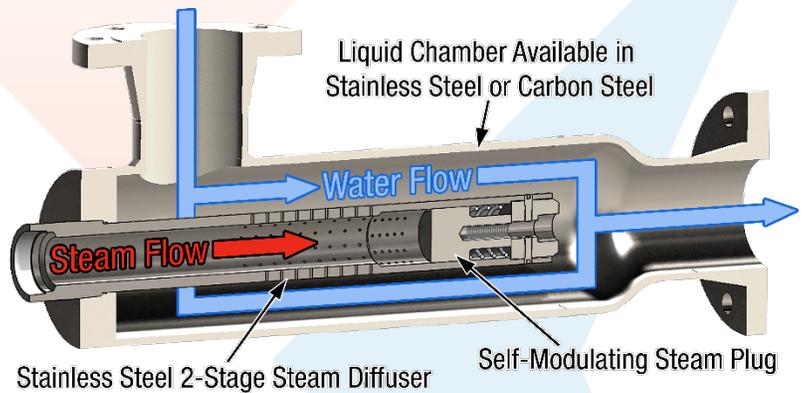
The ProJet® Inline Water Heater is engineered to deliver on-demand hot water for industrial and utility applications. Its unique 2-stage self-modulating steam flow control design maintains high steam velocity across a wide operating range, ensuring complete condensation of steam within the water.

Our patented design results in precise temperature control, stable vibration-free operation, and reliable heating performance. A radial multi-port steam jet diffuser provides uniform heating of the water flow, while the self-cleaning design minimizes scale and mineral buildup.

The ProJet® maximizes energy efficiency by utilizing both the latent and sensible heat of the steam for 100% energy transfer. It is designed for use with an external modulating steam control valve and features interchangeable steam injectors, allowing the heater to adapt easily if heating requirements change.



Protected under US patent #12,510,242



### Common Water Heating Applications...

- On-Demand Hot Water
- Clean-in-Place (CIP)
- Boiler Feedwater Heating
- Jacketed Vessel/Reactor Heating
- Plant Sanitation Hot Water
- Reverse Osmosis Water Systems
- Vegetable & Fruit Can Topping
- Hot Water Tank Supply
- Meat & Poultry Processing
- Hose Station Hot Water Tank Supply
- Centrifuge or Filter Washing
- Central Hot Water System OEM's

### ProJet Model Number Designations

Steam Injector Size
Spring Rate (High or Low)

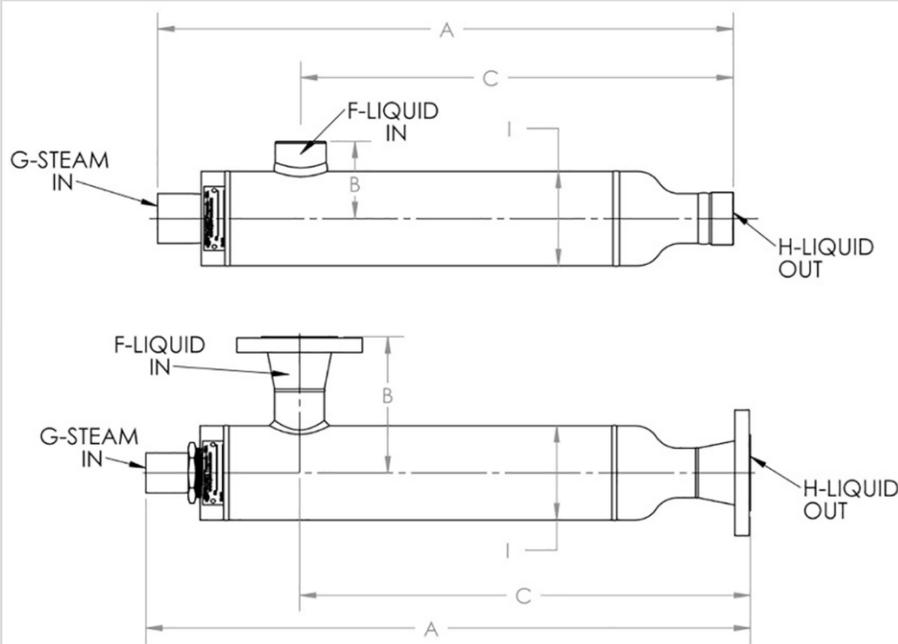
# G2030-H-S

Liquid Chamber Size
Liquid Chamber Material (Stainless or Carbon Steel)

ProJet® Steam Injector Steam Flow & Heating Capacities							
Injector Size	Steam Connection (NPT)	Steam Flow Max (pph)	BTU/hr	Steam Flow Max (pph) (at 100 PSIG)	BTU/hr	Steam Flow Max (pph) (at 60 PSIG)	BTU/hr
<b>Model</b>							
G7500	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	2,350	2,400,000	1,480	1,500,000
G1500	1.5"	5,380	5,450,000	3,900	3,370,000	2,570	2,600,000
G2000	2.0"	8,900	8,900,000	6,030	6,150,000	3,900	3,900,000

**Specifications and Options - ProJet® Industrial Inline Heater**

<b>Liquid Body Rating:</b>	PSIG/°F (Barg/°C)	150/450 (10.3/232)
<b>Materials of Construction:</b>	Liquid Body – Carbon Steel	ASTM A105, A106, A516
	Liquid Body – Stainless Steel	ASTM A312, A240, A182
	Steam Injector Internals	316 SS
<b>Design Standard:</b>		ASME B31.1
<b>Connection Rating:</b>	NPT Threaded	ANSI B1.20.1
<b>Connections Rating:</b>	Flanged	ANSI B16.5


**ProJet® Heater Dimensions & Weight**

Model	Dimensions				Connections			Weight	
	A	B	C	I	F	G	H	Lbs	Kg
G7510	26"	2.8"	19"	3.5"	1.0" NPT	¾" NPT	1.0" NPT	21	9.5
G7515	26"	2.8"	18"	3.5"	1.5" NPT	¾" NPT	1.5" NPT	22	9.9
G7520	28.9"	6.5"	21.6"	4.5"	2.0" RFF	¾" NPT	2.0" RFF	42	19
G7525	28.9"	6.8"	21.6"	4.5"	2.5" RFF	¾" NPT	2.5" RFF	49	22
G7530	31"	7.8"	24"	6.6"	3.0" RFF	¾" NPT	3.0" RFF	79	36
G7540	31.3"	8.0"	24.3"	6.6"	4.0" RFF	¾" NPT	4.0" RFF	89	41
G1010	25.6"	2.9"	18.9"	3.5"	1.0" NPT	1.0" NPT	1.0" NPT	22	9.9
G1015	26"	2.8"	18"	3.5"	1.5" NPT	1.0" NPT	1.5" NPT	24	11
G1020	28.7"	6.5"	21.6"	4.5"	2.0" RFF	1.0" NPT	2.0" RFF	43	20
G1025	28.7"	6.8"	21.6"	4.5"	2.5" RFF	1.0" NPT	2.5" RFF	49	22
G1030	31"	7.8"	24"	6.6"	3.0" RFF	1.0" NPT	3.0" RFF	80	36
G1040	31.3"	8.0"	24.3"	6.6"	4.0" RFF	1.0" NPT	4.0" RFF	90	41
G1515	28"	3.3"	21.6"	4.5"	1.5" NPT	1.5" NPT	1.5" NPT	36	16
G1520	28"	6.5"	21.6"	4.5"	2.0" RFF	1.5" NPT	2.0" RFF	46	21
G1525	28"	6.8"	21.6"	4.5"	2.5" RFF	1.5" NPT	2.5" RFF	54	24
G1530	31"	7.8"	24"	6.6"	3.0" RFF	1.5" NPT	3.0" RFF	87	39
G1540	32"	8"	24"	6.6"	4.0" RFF	1.5" NPT	4.0" RFF	97	44
G2020	31"	7.5"	24"	6.6"	2.0" RFF	2.0" NPT	2.0" RFF	80	36
G2025	31"	7.8"	24"	6.6"	2.5" RFF	2.0" NPT	2.5" RFF	89	40
G2030	31"	7.8"	24"	6.6"	3.0" RFF	2.0" NPT	3.0" RFF	92	42
G2040	32"	8"	24"	6.6"	4.0" RFF	2.0" NPT	4.0" RFF	102	46