

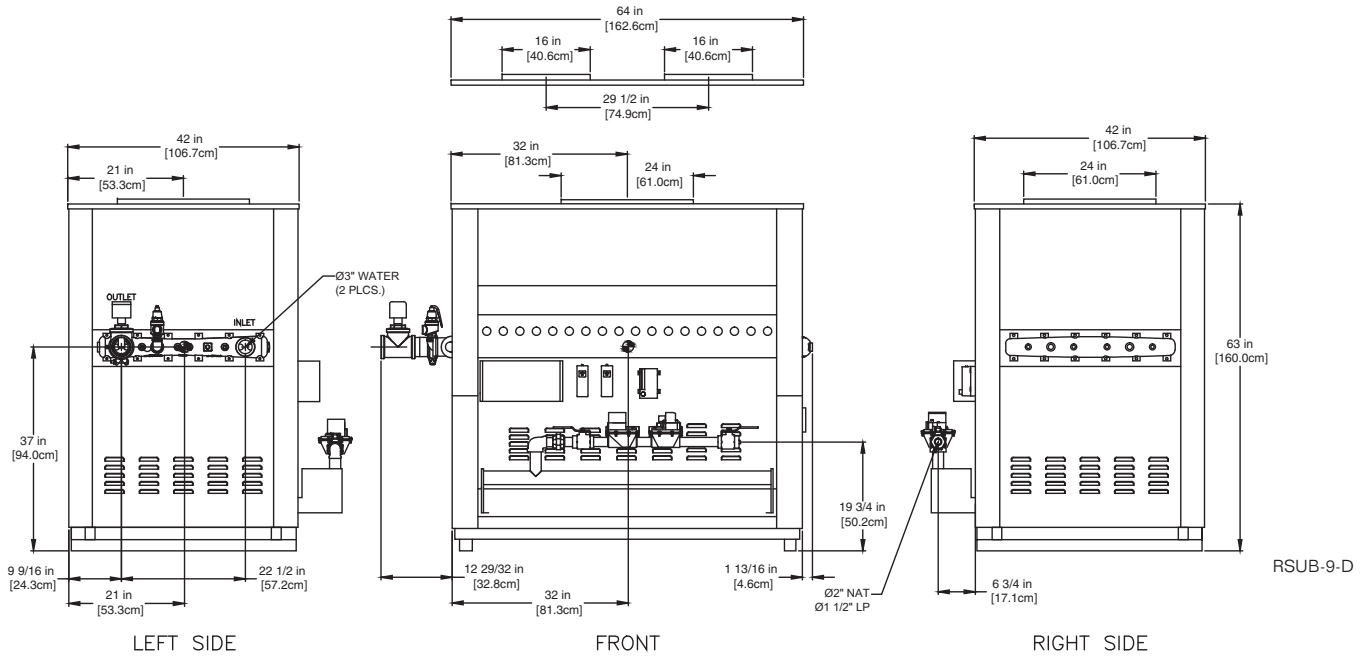
CODE OPTIONS

CSD-1	UTC 1003-616A Ignition Control UTC Lockout/Reset Control Manual Reset LWCO
IRI	IRI requirements as listed in IM.4.1.1 (two motorized safety valves with N.O.V.V. no longer applies to listed atmospheric gas boilers). The addition of CSD-1 option satisfies IRI requirements for the 8800 Series.
Kentucky	200°F Maximum Operating Control and High Limit

NOTE: Dimensions are approximate and should not be used to "rough-in" equipment.

* Add circulator amps.

**For incoming gas pressures lower than 6" WC natural or 11" WC propane, consult factory.



AGA CERTIFIED RATINGS & CAPACITIES

Fuel Type	Natural/Propane Gas	Boiler FLA	1*
Input BTU/hr.	2,400,000 / 703 kW	Min. Gas Pressure Required	6" WC**
Output BTU/hr.	1,968,000 / 577 kW	Max. Gas Pressure Allowed	14" WC
Electrical Requirements	120VAC / 1 ph / 60 hz	Operating Weight	1308 lbs. / 593 kg.

TEMPERATURE RISE / PRESSURE DROP

20°F / 11.1°C		25°F / 13.9°C		30°F / 16.7°C		35°F / 19.4°C									
Flow Rate	Pressure Drop	Flow Rate	Pressure Drop	Flow Rate	Pressure Drop	Flow Rate	Pressure Drop								
GPM	L/s	Ft	kPa	GPM	L/s	Ft	kPa	GPM	L/s	Ft	kPa	GPM	L/s	Ft	kPa
196.8*	12.4	6.8	20.0	157.4	9.9	4.5	13.2	131.2	8.3	3.2	9.4	112.5	7.1	2.4	7.1

*Flow exceeds recommended maximum use a greater temperature rise or consult manufacturer. Cupro-Nickel heat exchanger should be considered.

BOILER TRIM & CONTROLS

Main Gas Valve	Honeywell V8944B 2"	Operating Control (HB/HW)	Tekmar BTC- 4PA- 4 Stg.
Firing Valve	Honeywell B200T1066 2"	High Limit (HB/HW)	Honeywell L4008E
Safety Valve	Honeywell V88A 2"	Ignition Control	Honeywell S8610M
Operating Control (HB)	Honeywell L4008A - On/Off	Solenoid Valve w/Reg.	CV100
Operating Control (HW)	Honeywell L6008A - On/Off	Relief Valve - HW	3/4" x 3/4" set @125 psi
Operating Control (HB/HW)	Honeywell L6008G - 2 Stg.	Relief Valve - HB	1" x 1-1/4" set @ 50 psi
		Flow Switch	TACO IFS-1

ASME

ASME Sect IV Htg Surface	200.82 Sq. Ft. / 18.66 Sq. M.	Design Data	Max. 160 psig & 250°F
Water Volume	4.1 gal / 15.5 l (liters)		

RECOVERY CAPACITY

40°F	22°C	60°F	33°C	80°F	44°C	100°F	56°C	120°F	67°C	140°F	78°C
5906	22358	3938	14905	2953	11179	2363	8943	1969	7453	1688	6388

REP FIRM _____

SUBMITTED BY _____

JOB NAME _____

ARCHITECT _____

ENGINEER _____

CONTRACTOR _____

DATE _____

8800 2400

Category I Appliance

Must be vented into a negative pressure vent system



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