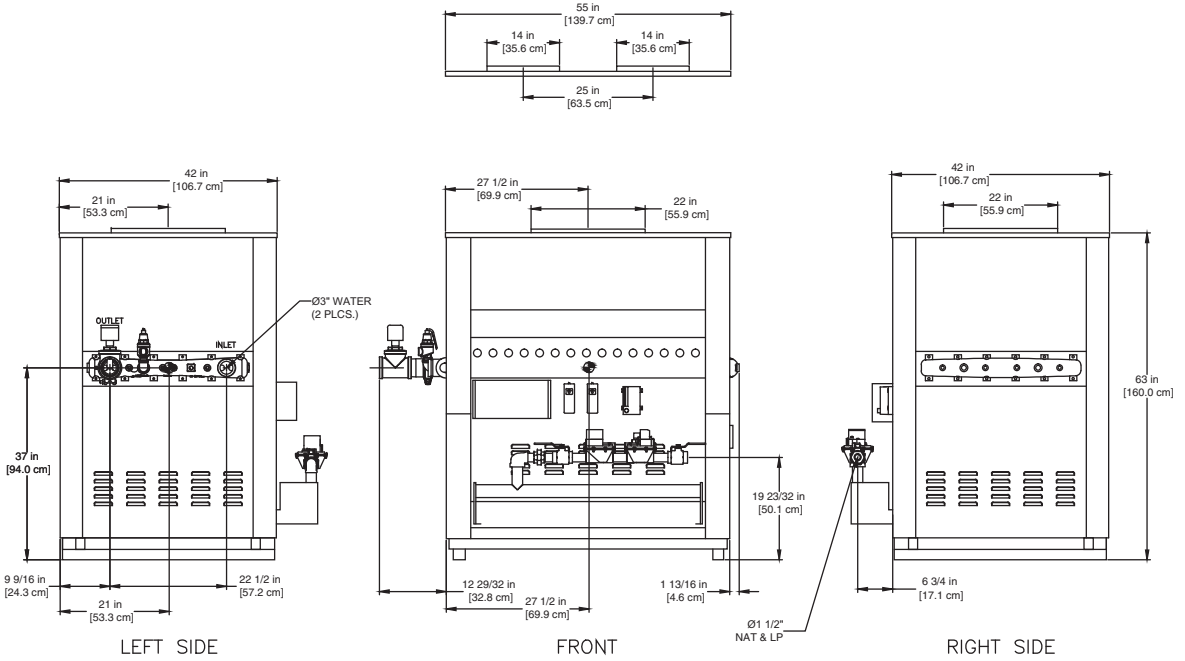
CODE OPTIONS

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.



RSUB-8-D

AGA CERTIFIED RATINGS & CAPACITIES

Fuel Type	Natural/Propane Gas	**Boiler FLA**	1*
Input BTU/hr.	2,000,000 / 586 kW	**Min. Gas Pressure Required**	6" WC**
Output BTU/hr.	1,640,000 / 480 kW	**Max. Gas Pressure Allowed**	14" WC
Electrical Requirements	120VAC / 1 ph / 60 hz	**Operating Weight**	1194 lbs. / 542 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
164.0	10.3	4.1	12.0	131.2	8.3	2.7	8.0	109.3	6.9	1.9	5.7	93.7	5.9	1.4	4.3

BOILER TRIM & CONTROLS

Main Gas Valve	Honeywell V8944B 1-1/2"	**High Limit (HB/HW)**	Honeywell L4008E
Firing Valve	Honeywell B200T1058 1-1/2"	**Ignition Control**	Honeywell S8610M
Safety Valve	Honeywell V88A 1-1/2"	**Solenoid Valve w/Reg.**	CV100
Operating Control (HB)	Honeywell L4008A - On/Off	**Relief Valve - HW**	3/4" x 3/4" set @125 psi
Operating Control (HW)	Honeywell L6008A - On/Off	**Relief Valve - HB**	1" x 1-1/4" set @ 50 psi
Operating Control (HB/HW)	Honeywell L6008G - 2 Stg.	**Flow Switch**	TACO IFS-1
Operating Control (HB/HW)	Tekmar BTC- 4PA- 4 Stg.		

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
4922	18632	3281	12421	2461	9316	1969	7453	1641	6211	1406	5323

ASME

ASME Sect IV Htg Surface	169.52 Sq. Ft. / 15.75 Sq. M.	**Design Data**	Max. 160 psig & 250˚F
Water Volume	3.6 gal / 13.6 l (liters)		

REP FIRM _____

SUBMITTED BY _____

JOB NAME _____

ARCHITECT _____

ENGINEER _____

CONTRACTOR _____

DATE _____

8800 2000

Category I Appliance

Must be vented into a negetive pressure vent system

RBI® A Division of Mestek, Inc.
Westfield, MA 01085
(413) 568-9571