

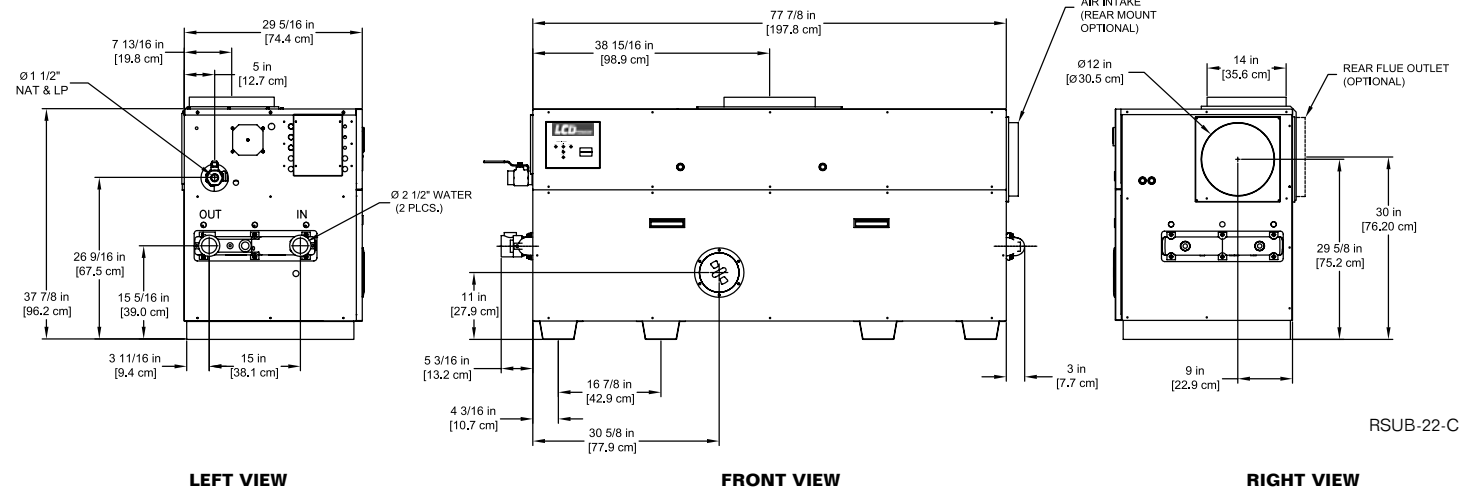
CODE OPTIONS

CSD-1	UTC Lockout/Reset Control Manual Reset LWCO
Kentucky (Water Htr Only)	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" W.C. natural or 11" W.C. propane, consult factory.



RSUB-22-C

A.G.A. CERTIFIED RATINGS & CAPACITIES

Fuel Type	Natural/Propane Gas	Boiler FLA	13.33*
Input BTU/hr.	1,642,800 / 481 kW	Min. Gas Pressure Required	6" W.C.**
Output BTU/hr.	1,347,096 / 395 kW	Max. Gas Pressure Allowed	14" W.C.
Electrical Requirements	120VAC/ 1 ph/ 60 Hz/ 14 amp	Operating Weight	895 lbs. / 406 kg.

TEMPERATURE RISE / PRESSURE DROP

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	
GPM	L/s	Ft	kPa	GPM	L/s	Ft	kPa	GPM	L/s	Ft	kPa
108.2	6.8	7.02	20.7	90.2	5.7	5.01	14.8	77.3	4.9	3.77	11.1

BOILER TRIM & CONTROLS

Main Gas Valve	Honeywell V8944B 1 1/2"	Pilot Valve	Honeywell VR8205Q
Firing Valve	Honeywell B200T1058 1 1/2"	Air Switch	Cleveland RSS-495
Safety Valve	Honeywell V48A 1 1/2"	Blower Motor	(2) 1/4 hp · FLA 10.2
Ignition Control	UTC 1003-61A	Relief Valve - LW	3/4" x 3/4" set @ 125 psi
Operating Control (LB/LW)	Jumo	Relief Valve - LB	1" x 1 1/4" set @ 50 psi
High Limit (LB/LW)	Jumo	Flow Switch	ITT FS4-3

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
4043	15304	2695	10203	2021	7652	1617	6122	1348	5101	1155	4373

A.S.M.E.

ASME Sect IV Htg Surface	149 Sq. Ft. / 13.84 Sq. M.	Design Data	Max. 160 psig & 250° F
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REP FIRM _____
 SUBMITTED BY _____
 JOB NAME _____
 ARCHITECT _____
 ENGINEER _____
 CONTRACTOR _____
 DATE _____

LCD 1650

Category I or Category III Appliance
 (See Installation and Operation Manual for venting information)

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