

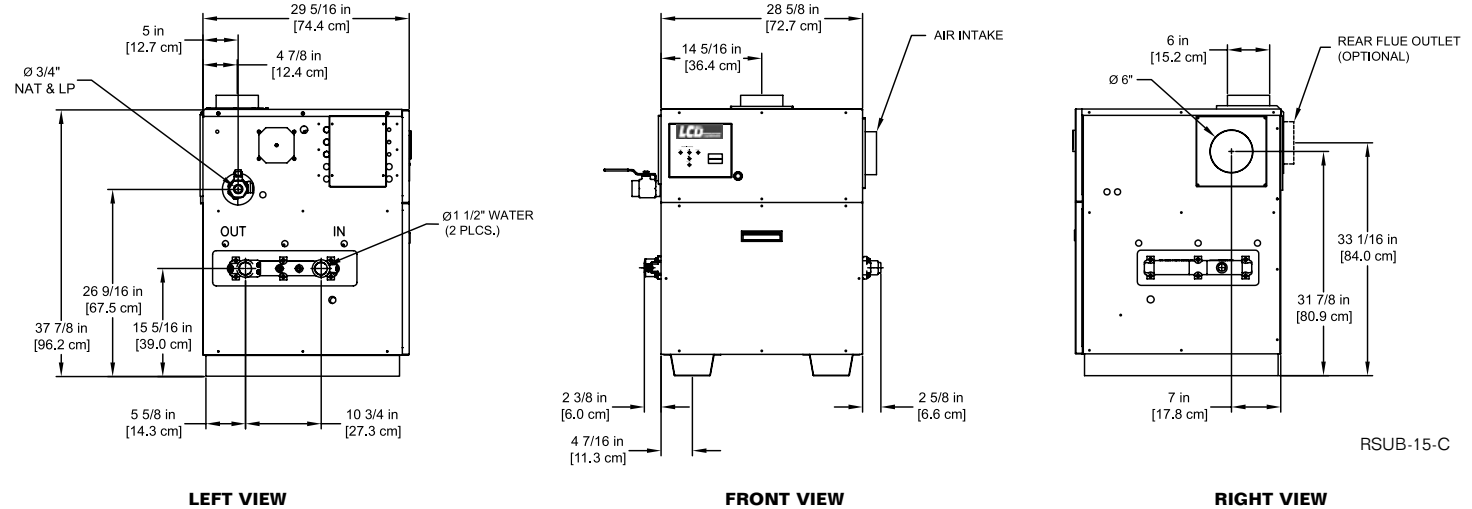
CODE OPTIONS

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.



A.G.A. CERTIFIED RATINGS & CAPACITIES

Fuel Type	Natural/Propane Gas	Boiler FLA	5.08*
Input BTU/hr.	399,000 / 117 kW	Min. Gas Pressure Required	6" W.C.**
Output BTU/hr.	327,180 / 96 kW	Max. Gas Pressure Allowed	14" W.C.
Electrical Requirements	120VAC/ 1 ph/ 60 hz/ 6 amp	Operating Weight	305 lbs. / 138 kg.

TEMPERATURE RISE / PRESSURE DROP

15° F / 8.3° C				20° F / 11.1° C				25° F / 13.9° 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
43.7	2.8	0.70	2.1	32.8	2.1	0.41	1.2	26.2	1.7	0.27	0.8

BOILER TRIM & CONTROLS

Main Gas Valve	Honeywell VR8305Q 3/4"	Pilot Valve	Honeywell VR8205Q
Firing Valve	Honeywell B200T1025 3/4"	Air Switch	Cleveland RSS-495
Ignition Control	UTC 1003-61A	Blower Motor	1/5 hp - FLA 3.0
Operating Control (LB/LW)	Jumo	Relief Valve - LW	3/4" x 3/4" set @ 125 psi
High Limit (LB/LW)	Jumo	Relief Valve - LB	3/4" x 3/4" set @ 50 psi
		Flow Switch	ITT FS4-3

A.S.M.E.

ASME Sect IV Htg Surface	40.1 Sq. Ft. / 3.73 Sq. M.	Design Data	Max. 160 psig & 250° F
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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
982	3717	655	2478	491	1859	393	1487	327	1239	281	1062

REP FIRM _____
 SUBMITTED BY _____
 JOB NAME _____
 ARCHITECT _____
 ENGINEER _____
 CONTRACTOR _____
 DATE _____

LCD 400

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

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