

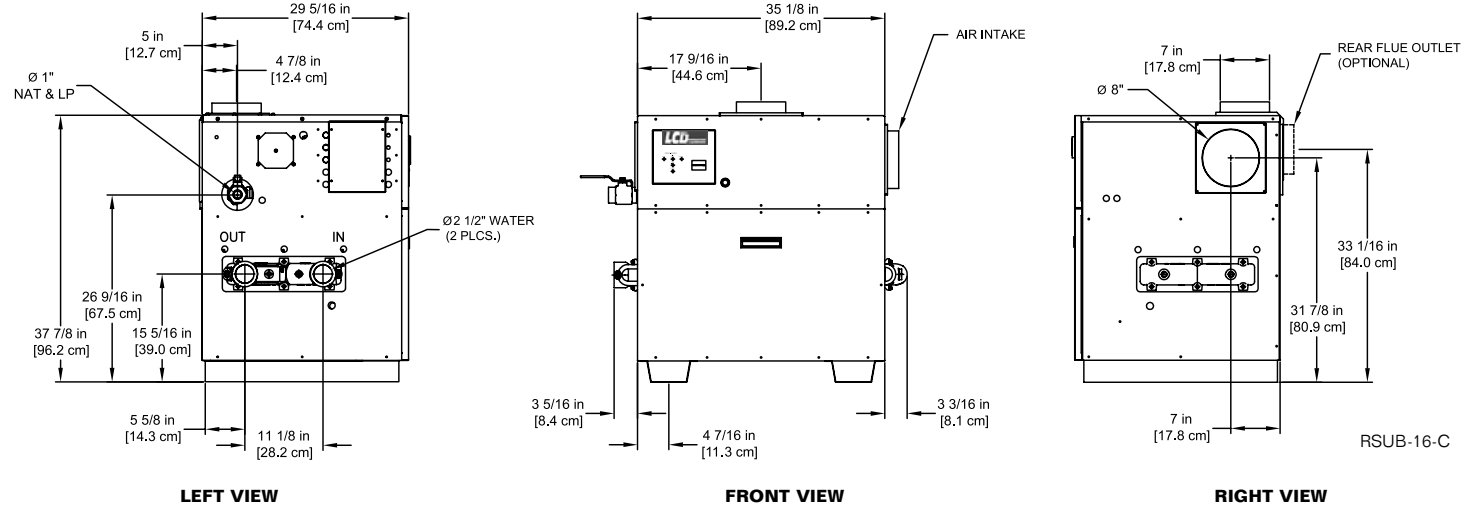
CODE OPTIONS

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.	600,000 / 176 kW	Min. Gas Pressure Required	6" W.C.**
Output BTU/hr.	492,000 / 144 kW	Max. Gas Pressure Allowed	14" W.C.
Electrical Requirements	120VAC/ 1 ph/ 60 hz/ 6 amp	Operating Weight	460 lbs. / 209 kg.

BOILER TRIM & CONTROLS

Main Gas Valve	Honeywell V8944B 1"	Pilot Valve	Honeywell VR8205Q
Firing Valve	Honeywell B200T1033 1"	Air Switch	Cleveland RSS-495
Safety Valve	Honeywell V48A 1"	Blower Motor	1/4 hp - FLA 3.0
Ignition Control	UTC 1003-61A	Relief Valve - LW	3/4" x 3/4" set @ 125 psi
Operating Control (LB/LW)	Jumo	Relief Valve - LB	3/4" x 3/4" set @ 50 psi
High Limit (LB/LW)	Jumo	Flow Switch	ITT FS4-3

A.S.M.E.

ASME Sect IV Htg Surface	51.3 Sq. Ft. / 4.77 Sq. M.	Design Data	Max. 160 psig & 250° F
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TEMPERATURE RISE / PRESSURE DROP

15° F / 8.3° C		20° F / 11.1° C		25° F / 13.9° C		30° F / 16.7° 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				
65.6	4.1	1.84	5.4	49.2	3.1	1.08	3.2	39.4	2.5	0.71	2.1	32.8	2.1	0.51	1.5

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
1477	5590	984	3726	738	2795	591	2236	492	1863	422	1597

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

LCD 600

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

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