

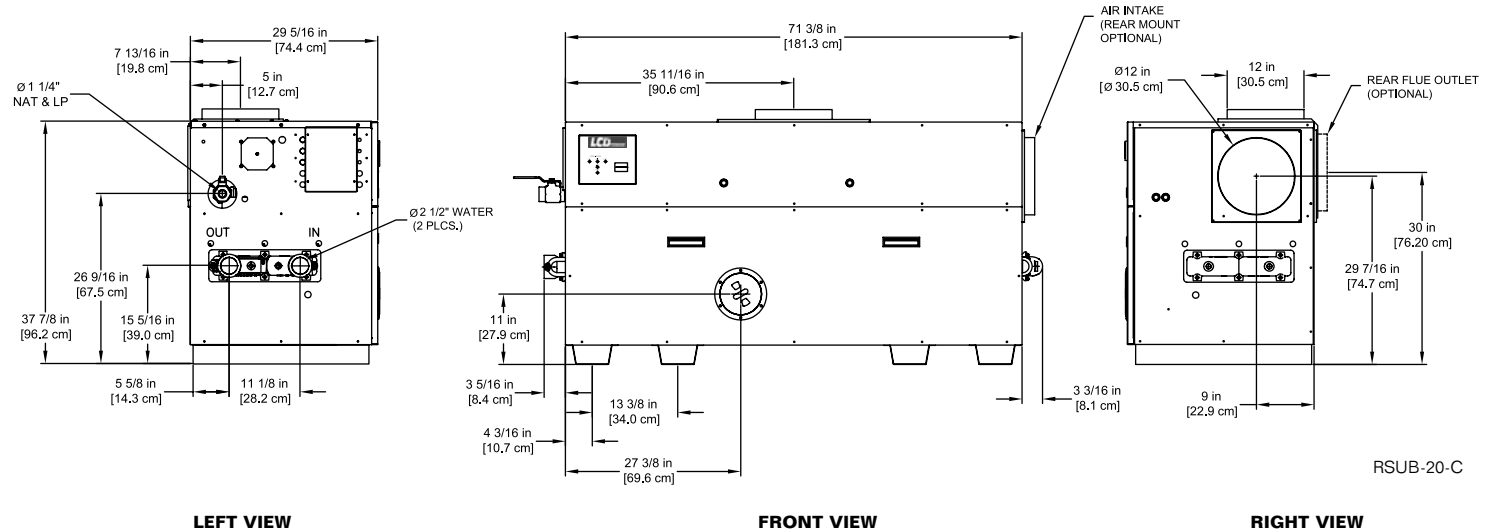
## CODE OPTIONS

<b>CSD-1</b>	UTC Lockout/Reset Control Manual Reset LWCO
<b>Kentucky</b> (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-20-C

## A.G.A. CERTIFIED RATINGS & CAPACITIES

<b>Fuel Type</b>	Natural/Propane Gas	<b>Boiler FLA</b>	13.33*
<b>Input BTU/hr.</b>	1,200,000 / 352 kW	<b>Min. Gas Pressure Required</b>	6" W.C.**
<b>Output BTU/hr.</b>	984,000 / 288 kW	<b>Max. Gas Pressure Allowed</b>	14" W.C.
<b>Electrical Requirements</b>	120VAC/ 1 ph/ 60 Hz/ 14 amp	<b>Operating Weight</b>	890 lbs. / 404 kg.

## BOILER TRIM & CONTROLS

<b>Main Gas Valve</b>	Honeywell V8944B 1 1/4"	<b>Pilot Valve</b>	Honeywell VR8205Q
<b>Firing Valve</b>	Honeywell B200T1041 1 1/4"	<b>Air Switch</b>	Cleveland RSS-495
<b>Safety Valve</b>	Honeywell V48A 1 1/4"	<b>Blower Motor</b>	(2) 1/4 hp - FLA 10.2
<b>Ignition Control</b>	UTC 1003-61A	<b>Relief Valve - LW</b>	3/4" x 3/4" set @ 125 psi
<b>Operating Control (LB/LW)</b>	Jumo	<b>Relief Valve - LB</b>	1" x 1 1/4" set @ 50 psi
<b>High Limit (LB/LW)</b>	Jumo	<b>Flow Switch</b>	ITT FS4-3

## A.S.M.E.

<b>ASME Sect IV Htg Surface</b>	109.7 Sq. Ft. / 10.19 Sq. M.	<b>Design Data</b>	Max. 160 psig & 250° F
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## 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
98.4*	6.2	8.14	24.0	78.7	5.0	5.38	15.9	65.6	4.1	3.84	11.3	56.2	3.5	2.89	8.5

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

## 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
2953	11179	1969	7453	1477	5590	1181	4472	984	3726	844	3194

REP FIRM \_\_\_\_\_  
 SUBMITTED BY \_\_\_\_\_  
 JOB NAME \_\_\_\_\_  
 ARCHITECT \_\_\_\_\_  
 ENGINEER \_\_\_\_\_  
 CONTRACTOR \_\_\_\_\_  
 DATE \_\_\_\_\_

# LCD 1200

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

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