

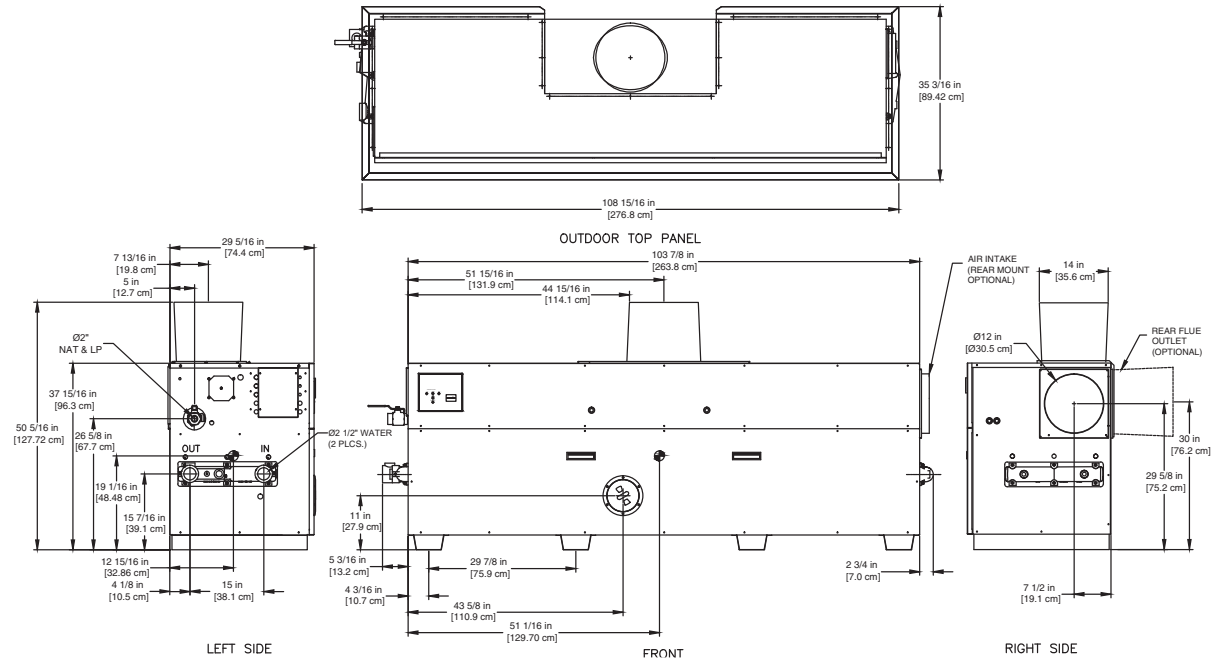
CODE OPTIONS

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" WC natural or 11" WC propane, consult factory.



RSUB-24-F

AGA CERTIFIED RATINGS & CAPACITIES

Fuel Type	Natural/Propane Gas	Boiler FLA	12.5*
Input BTU/hr.	2,299,920 / 674 kW	Min. Gas Pressure Required	6" WC**
Output BTU/hr.	1,885,934 / 553 kW	Max. Gas Pressure Allowed	14" WC
Electrical Requirements	120VAC/ 1 ph/ 60 hz/ 17 amp	Operating Weight	1085 lbs. / 492 kg.

TEMPERATURE RISE / PRESSURE DROP

30°F / 16.7°C				35°F / 19.4°C			
Flow Rate		Pressure Drop		Flow Rate		Pressure Drop	
GPM	L/s	Ft	kPa	GPM	L/s	Ft	kPa
125.7*	7.9	12.45	36.7	107.8	6.8	9.36	27.6

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

BOILER TRIM & CONTROLS

Main Gas Valve	Honeywell V8944B 2"	Pilot Valve	Honeywell VR8205Q
Firing Valve	Honeywell B200T1066 2"	Air Switch	Cleveland RSS-495
Safety Valve	Honeywell V48A 2"	Blower Motor	(2) 1/4 hp (1) 1/5 hp - FLA 13.2
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	TACO IFS-1

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
5660	21426	3773	14284	2830	10713	2264	8570	1887	7142	1617	6122

ASME

ASME Sect IV Htg Surface	202 Sq. Ft. / 18.77 Sq. M.	Design Data	Max. 160 psig & 250°F
Water Volume	5.64 gal / 21.4 l (liters)		

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

LCD 2300

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



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