

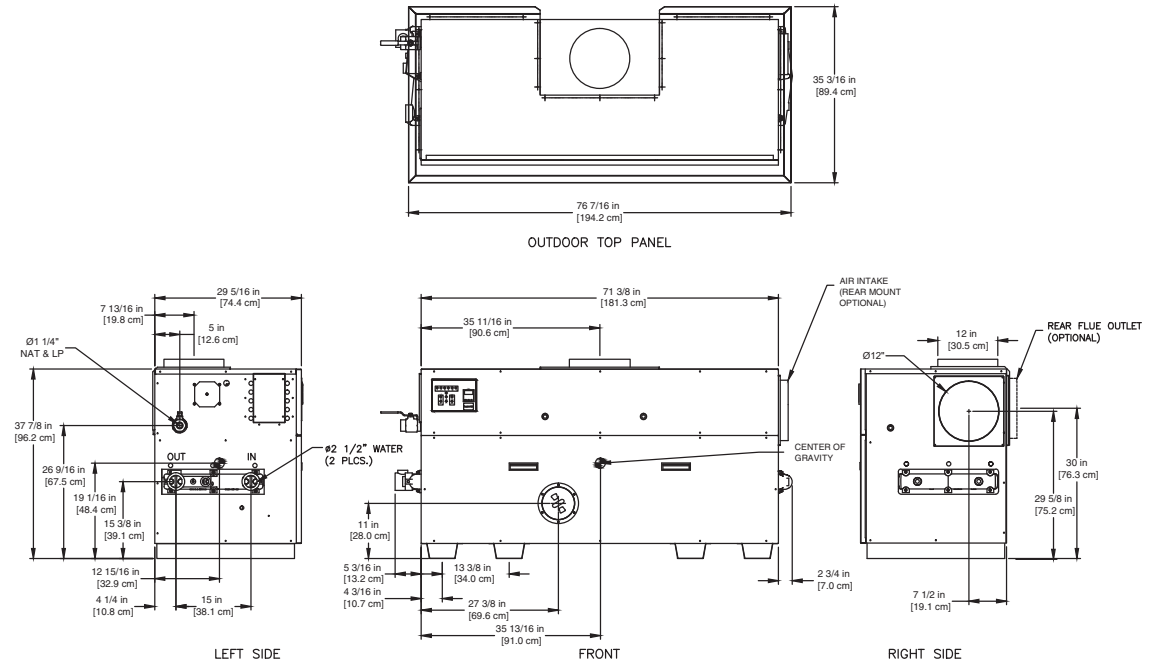
CODE OPTIONS

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



RSUB-33-E

AGA CERTIFIED RATINGS & CAPACITIES

Fuel Type	Natural/Propane Gas	Boiler FLA	11.0*
Input BTU/hr.	1,350,000 / 396 kW	Min. Gas Pressure Required	6" WC**
Output BTU/hr.	1,147,500 / 336 kW	Max. Gas Pressure Allowed	14" WC
Electrical Requirements	120VAC/ 1 ph/ 60 hz/ 14 amp	Operating Weight	805 lbs. / 365 kg.

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
114.9*	7.2	7.17	21.1	91.9	5.8	4.74	14.0	76.6	4.8	3.38	10.0	65.6	4.1	2.54	7.5

*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 (2) V8944 1"	Pilot Valve	Honeywell VR8205
Firing Valve	Honeywell (2) B200T1033 1"	Air Switch	Cleveland RSS-495
Safety Valve	ASCO L8214G 1-1/4"	Blower Motor	(2) 1/4 hp - FLA 10.2
Ignition Control	UTC 1003-61A	Relief Valve - DW	3/4" x 3/4" set @ 125 psi
Operating Control	Tekmar BTC-2PA	Relief Valve - DB	3/4" x 1" set @ 50 psi
Operating Control	Tekmar BTC-4PA	Flow Switch	TACO IFS-1
High Limit	Honeywell L4008E		

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
3444	13037	2296	8691	1722	6518	1378	5215	1148	4346	984	3725

ASME

ASME Sect IV Htg Surface	136.0 Sq. Ft. / 12.63 Sq. M.	Design Data	Max. 160 psig & 250°F
Water Volume	4.80 gal / 18.2 l (liters)		

REP FIRM _____

SUBMITTED BY _____

JOB NAME _____

ARCHITECT _____

ENGINEER _____

CONTRACTOR _____

DATE _____

DOMINATOR 1350

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

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