

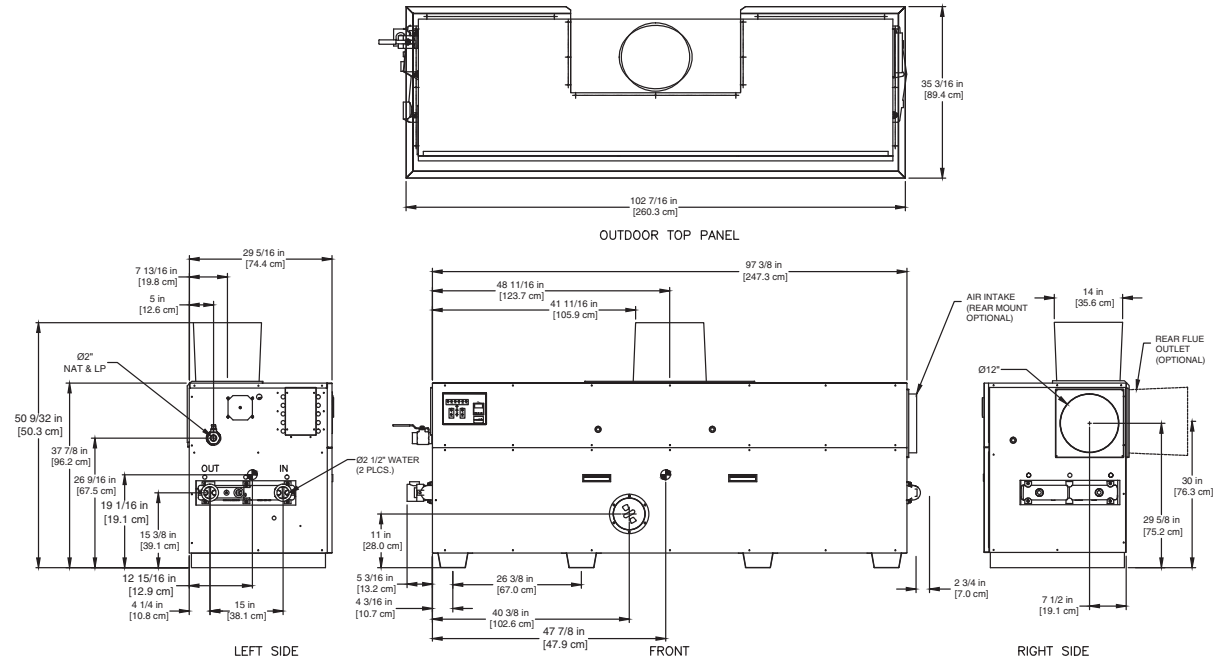
**CODE OPTIONS**

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



RSUB-35-F

**AGA CERTIFIED RATINGS & CAPACITIES**

<b>Fuel Type</b>	Natural/Propane Gas	<b>Boiler FLA</b>	11.0*
<b>Input BTU/hr.</b>	1,950,000 / 572 kW	<b>Min. Gas Pressure Required</b>	6" WC**
<b>Output BTU/hr.</b>	1,657,500 / 486 kW	<b>Max. Gas Pressure Allowed</b>	14" WC
<b>Electrical Requirements</b>	120VAC/ 1 ph/ 60 hz/ 14 amp	<b>Operating Weight</b>	1088 lbs. / 494 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
110.6*	7.0	9.20	27.1
94.8	6.0	6.91	20.4

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

**BOILER TRIM & CONTROLS**

<b>Main Gas Valve</b>	Honeywell (2) V8944 1"	<b>Pilot Valve</b>	Honeywell VR8205
<b>Firing Valve</b>	Honeywell (2) B200T1033 1"	<b>Air Switch</b>	Cleveland RSS-495
<b>Safety Valve</b>	ASCO L8214G 1-1/2"	<b>Blower Motor</b>	(2) 1/4 hp - FLA 10.2
<b>Ignition Control</b>	UTC 1003-61A	<b>Relief Valve - DW</b>	3/4" x 3/4" set @ 125 psi
<b>Operating Control</b>	Tekmar BTC-2PA	<b>Relief Valve - DB</b>	3/4" x 1-1/4" set @ 50 psi
<b>Operating Control</b>	Tekmar BTC-4PA	<b>Flow Switch</b>	TACO IFS-1
<b>High Limit</b>	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
4974	18831	3316	12554	2487	9415	1990	7532	1658	6277	1421	5380

**ASME**

<b>ASME Sect IV Htg Surface</b>	189.0 Sq. Ft. / 17.56 Sq. M.	<b>Design Data</b>	Max. 160 psig & 250°F
<b>Water Volume</b>	5.4 gal / 20.4 l (liters)		

<b>REP FIRM</b>	_____	<h1 style="margin: 0;">DOMINATOR 1950</h1> <p style="margin: 0;"><b>Category I or Category III Appliance</b></p> <p style="margin: 0;">(See Installation and Operation Manual for venting information)</p>
<b>SUBMITTED BY</b>	_____	
<b>JOB NAME</b>	_____	
<b>ARCHITECT</b>	_____	
<b>ENGINEER</b>	_____	
<b>CONTRACTOR</b>	_____	
<b>DATE</b>	_____	

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