

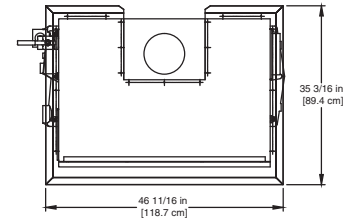
CODE OPTIONS

CSD-1	UTC Lockout/Reset Control Manual Reset LWCO
Kentucky (Water Htr Only)	200°F Maximum Operating Control and High Limit

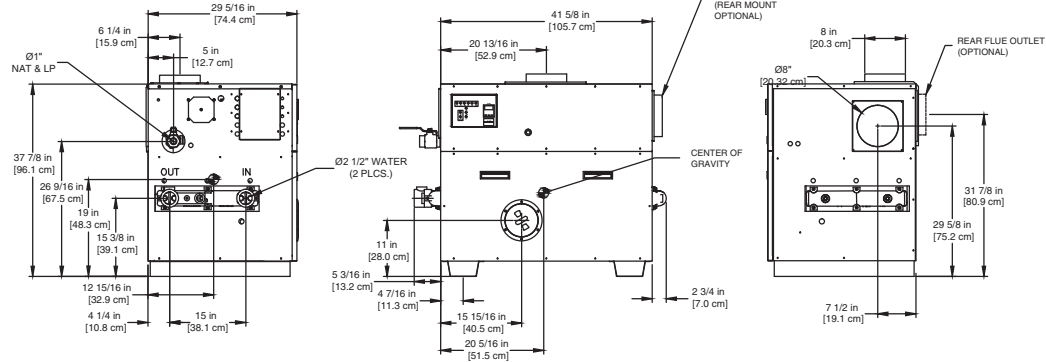
NOTE: Dimensions are approximate and should not be used to "rough-in" equipment.

* Add circulator amps.

**For incoming gas pressures lower than 7" WC natural or 11" WC propane, consult factory.



OUTDOOR TOP PANEL



RSUB-30-D

AGA CERTIFIED RATINGS & CAPACITIES

Fuel Type	Natural/Propane Gas	Boiler FLA	5.9*
Input BTU/hr.	750,000 / 220 kW	Min. Gas Pressure Required	6" WC**
Output BTU/hr.	637,500 / 187 kW	Max. Gas Pressure Allowed	14" WC
Electrical Requirements	120VAC/ 1 ph/ 60 hz/ 8 amp	Operating Weight	573 lbs. / 260 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
63.8	4.0	1.38	4.1	51.1	3.2	0.91	2.7	42.6	2.7	0.65	1.9

BOILER TRIM & CONTROLS

Main Gas Valve	Honeywell V8944 1"	Pilot Valve	Honeywell VR8205
Firing Valve	Honeywell B200T1033 1"	Air Switch	Cleveland RSS-495
Safety Valve	ASCO L8214G 1"	Blower Motor	1/4 hp - FLA 5.1
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 3/4" set @ 50 psi
High Limit	Honeywell L4008E	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
1913	7243	1276	4828	957	3621	765	2897	638	2414	547	2069

ASME

ASME Sect IV Htg Surface	77.0 Sq. Ft. / 7.15 Sq. M.	Design Data	Max. 160 psig & 250°F
Water Volume	3.96 gal / 14.9 l (liters)		

REP FIRM	_____	<p>DOMINATOR 750</p> <p>Category I or Category III Appliance</p> <p>(See Installation and Operation Manual for venting information)</p>  <p>® A Division of Mestek, Inc. Westfield, MA 01085 (413) 568-9571</p>
SUBMITTED BY	_____	
JOB NAME	_____	
ARCHITECT	_____	
ENGINEER	_____	
CONTRACTOR	_____	
DATE	_____	