

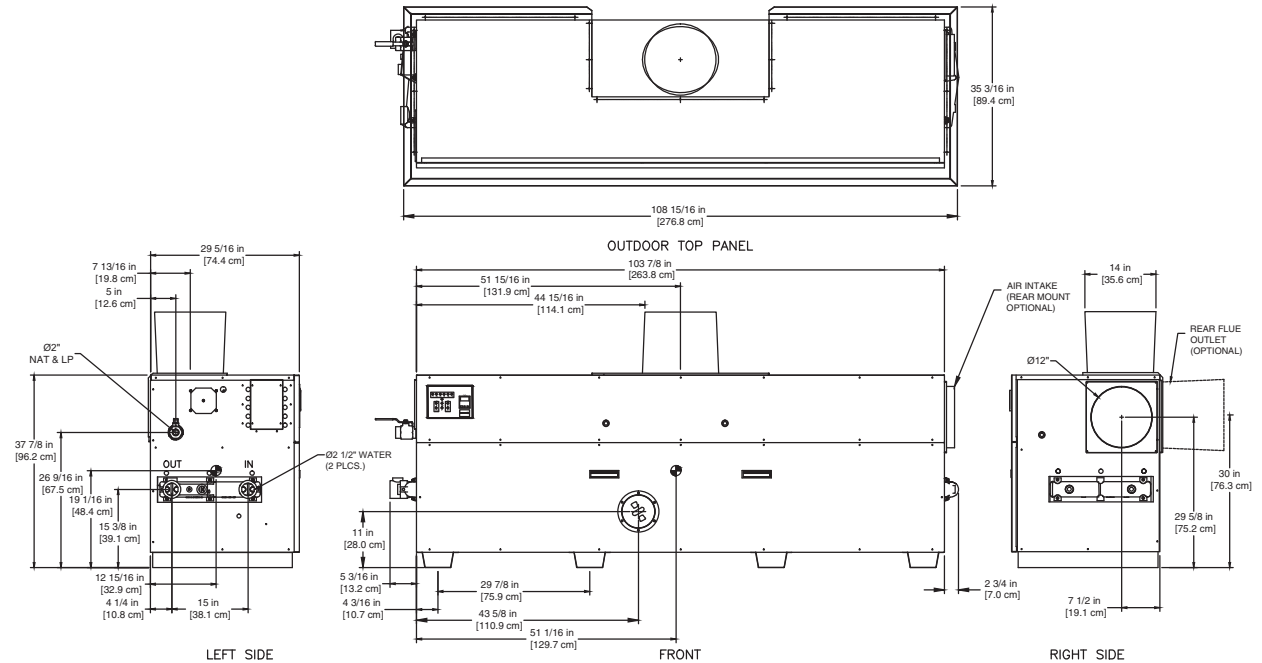
CODE OPTIONS

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-36-F

AGA CERTIFIED RATINGS & CAPACITIES

Fuel Type	Natural/Propane Gas	Boiler FLA	11.0*
Input BTU/hr.	2,100,000 / 616 kW	Min. Gas Pressure Required	6" WC**
Output BTU/hr.	1,785,000 / 523 kW	Max. Gas Pressure Allowed	14" WC
Electrical Requirements	120VAC/ 1 ph/ 60 hz/ 14 amp	Operating Weight	1105 lbs. / 501 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
119.1*	7.5	11.27	33.2	102.1	6.4	8.47	25.0

*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 1-1/4"	Pilot Valve	Honeywell VR8205
Firing Valve	Honeywell (2) B200T1041 1-1/4"	Air Switch	Cleveland RSS-495
Safety Valve	ASCO L8214G 1-1/2"	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 1-1/4" 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
5357	20279	3571	13519	2679	10140	2143	8112	1786	6760	1531	5794

ASME

ASME Sect IV Htg Surface	202.0 Sq. Ft. / 18.77 Sq. M.	Design Data	Max. 160 psig & 250°F
Water Volume	5.64 gal / 21.4 l (liters)		

REP FIRM	_____	<h1>DOMINATOR 2100</h1> <p>Category I or Category III Appliance (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	_____	