

DOMINATOR 750

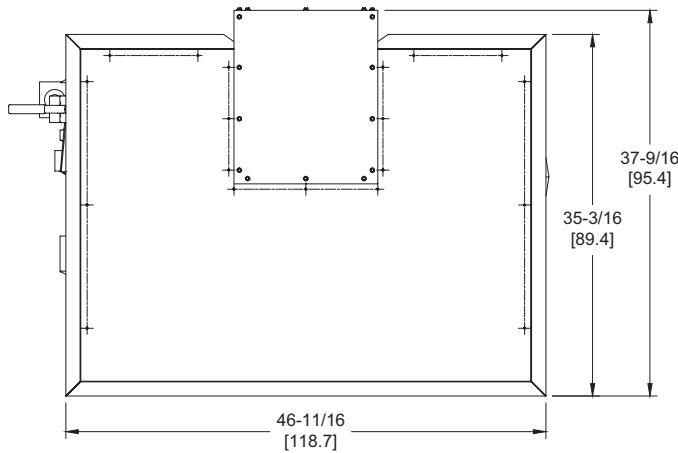
Category I or Category III Appliance

(see Installation and Operation Manual for venting information)

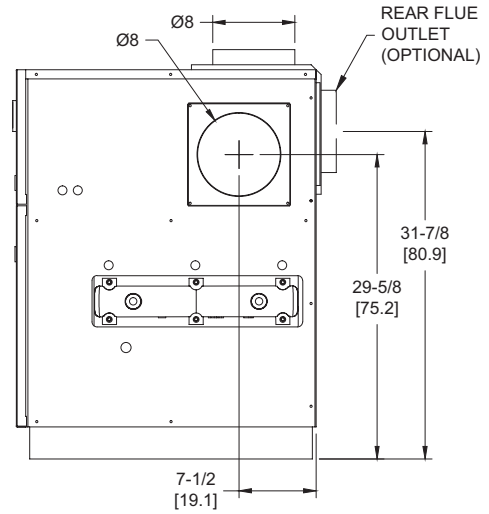
CODE OPTIONS

CSD-1

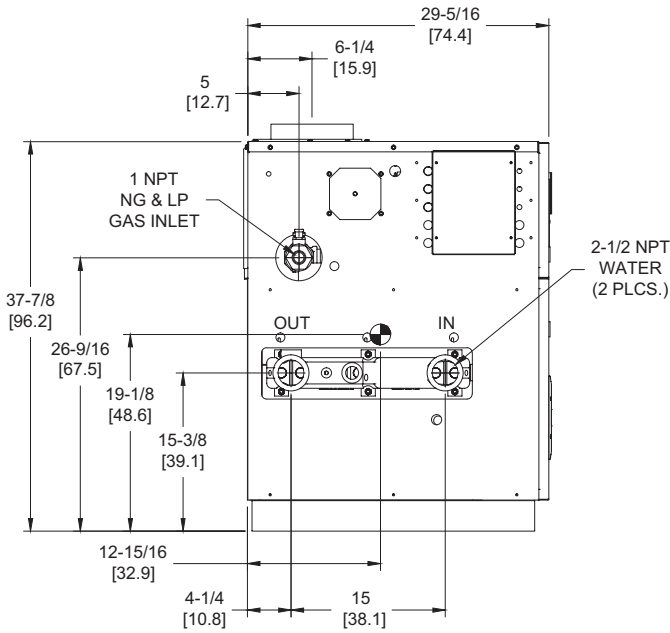
UTC Lockout/Reset Control
Manual Reset LWCO



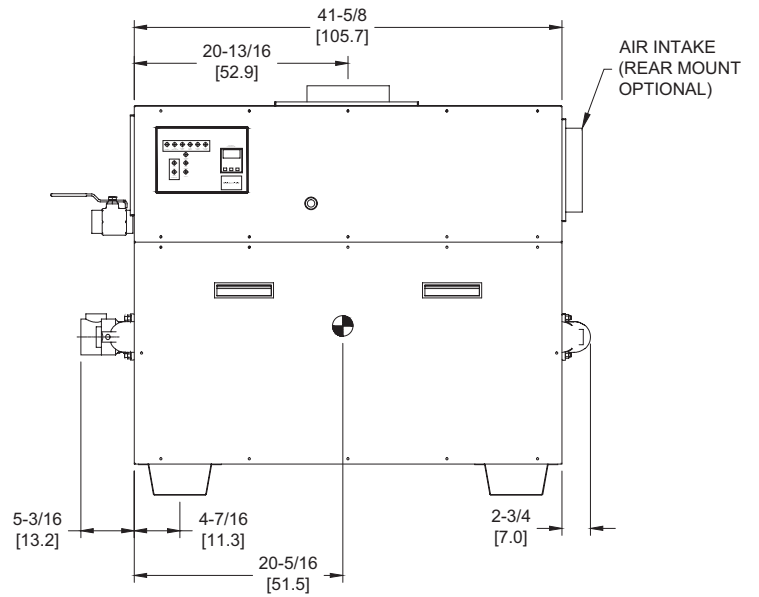
OUTDOOR TOP VIEW



RIGHT VIEW



LEFT VIEW



FRONT VIEW

RSUB-30-E

Notes:

1. Dimensions are approximate and should not be used to "rough-in" equipment.
2. Dimensions are subject to change without notice.
3. All dimensions are in inches (cm).
4. Symbol indicates center of gravity.

BOILER CERTIFIED RATINGS & CAPACITIES

Fuel Type	Natural/Propane Gas	Boiler FLA	5.9*
Input BTU/hr.	750,000 / 220 kW	Min. Gas Pressure Required	7" WC**
Output BTU/hr.	637,500 / 187 kW	Max. Gas Pressure Allowed	14" WC
Electrical Requirements	120VAC/ 1 ph/ 60 hz	Operating Weight	573 lbs. / 260 kg.

BOILER / WATER HEATER 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

A.S.M.E.

ASME Sect IV Htg Surface	77.0 Sq. Ft. / 7.15 Sq. M.	Design Data	Max. 160 psig & 250°F
Water Volume	3.9 gal / 14.9 Liters		

* Add circulator amps.

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

BOILER 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
63.8	4.0	1.38	4.1	51.0	3.2	0.91	2.7	42.5	2.7	0.65	1.9	36.4	2.3	0.49	1.4

WATER HEATER HOURLY RECOVERY CAPACITY (GPH & LPH)

40°F	22°C	60°F	33°C	80°F	44°C	100°F	56°C	120°F	67°C	140°F	78°C
1857	7019	1238	4680	928	3510	743	2808	619	2340	531	2006

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

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RELIABLE. BOLD. INNOVATIVE.

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