

DOMINATOR 900

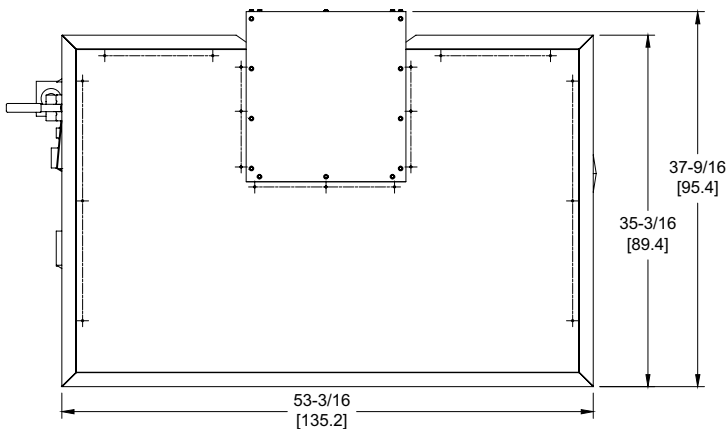
Category I or Category III Appliance

(see Installation and Operation Manual for venting information)

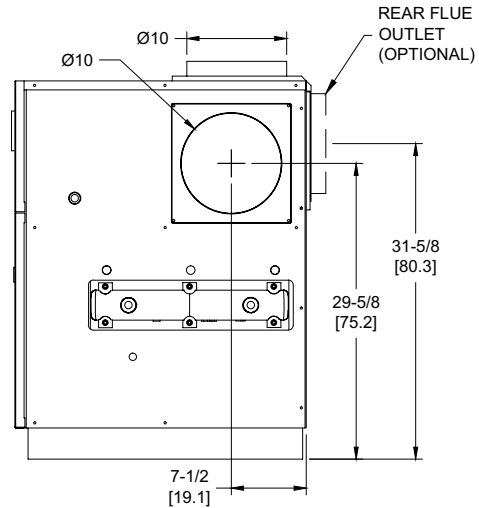
CODE OPTIONS

CSD-1

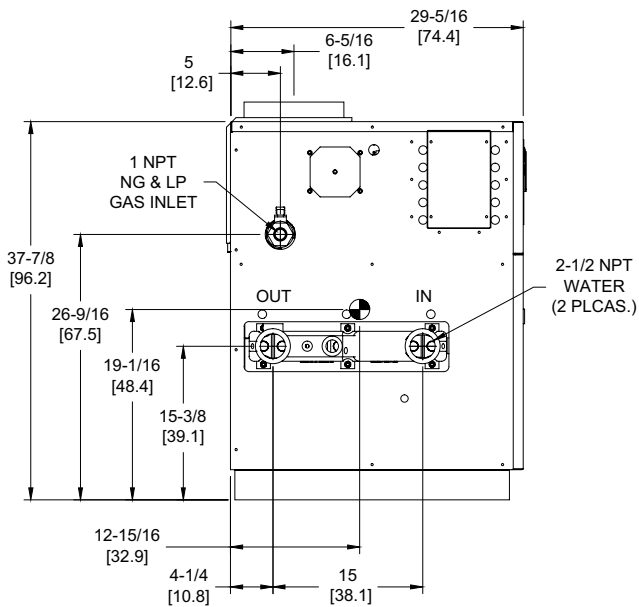
UTC Lockout/Reset Control
Manual Reset LWCO



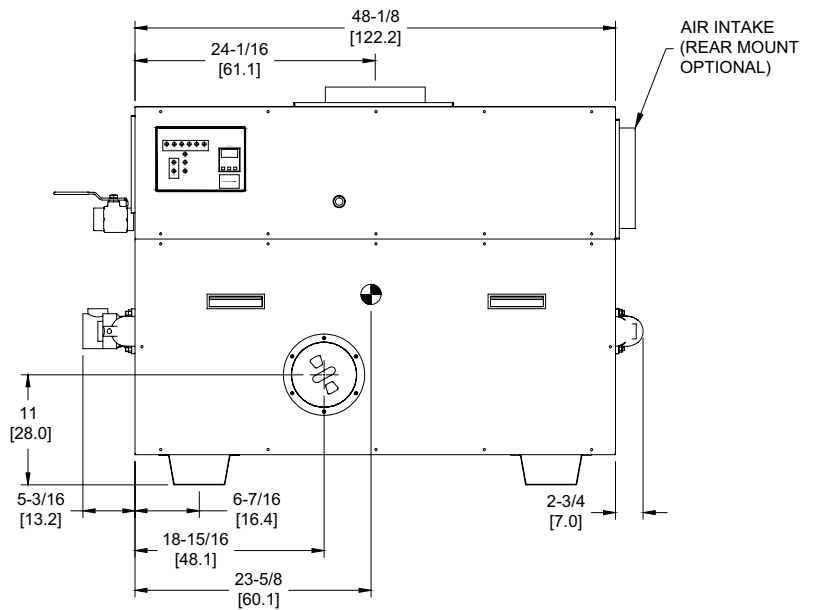
OUTDOOR TOP VIEW



RIGHT VIEW



LEFT VIEW



FRONT VIEW

RSUB-31-E

Boilers & Water Heaters not available for sale in Canada due to NRCan regulations.

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.

SDOM-900-11

BOILER CERTIFIED RATINGS & CAPACITIES

Fuel Type	Natural/Propane Gas	Boiler FLA	5.9*
Input BTU/hr.	900,000 / 264 kW	Min. Gas Pressure Required	7" WC**
Output BTU/hr.	756,000 / 222 kW	Max. Gas Pressure Allowed	14" WC
Electrical Requirements	120VAC/ 1 ph/ 60 hz	Operating Weight	664 lbs. / 301 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	90.0 Sq. Ft. / 8.36 Sq. M.	Design Data	Max. 160 psig & 250°F
Water Volume	4.1 gal / 15.4 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
75.6	4.8	2.20	6.5	60.5	3.8	1.46	4.3	50.4	3.2	1.04	3.1	43.2	2.7	0.78	2.3

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
2242	8474	1495	5650	1121	4237	897	3390	747	2825	641	2421

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REP FIRM	_____	DOMINATOR 900
SUBMITTED BY	_____	
JOB NAME	_____	
ARCHITECT	_____	
ENGINEER	_____	
CONTRACTOR	_____	
DATE	_____	Category I or Category III Appliance (see Installation and Operation Manual for venting information)
		 RELIABLE. BOLD. INNOVATIVE.
		A Division of Mestek, Inc. Westfield, MA 01085 (413) 564-5515