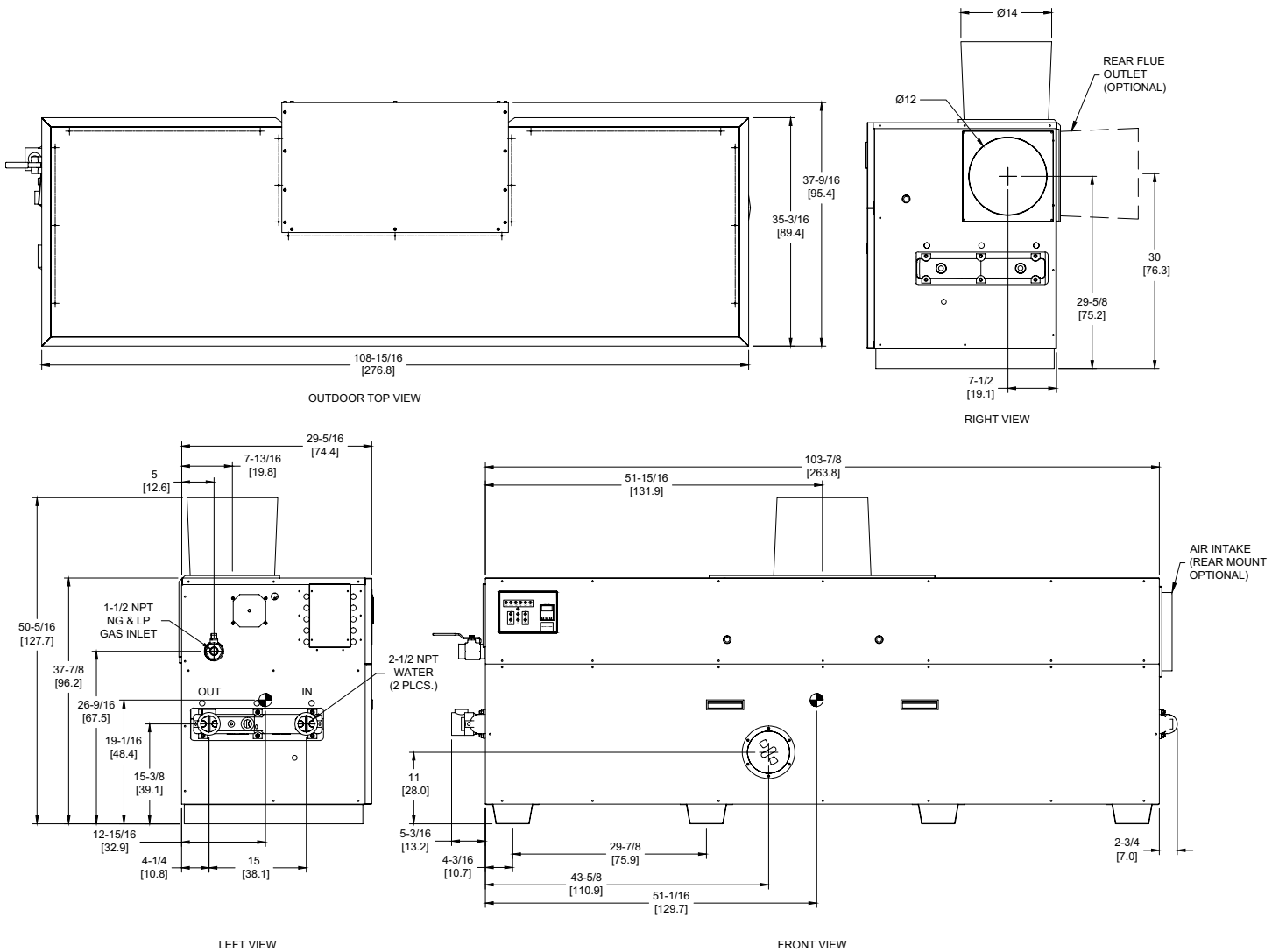


DOMINATOR 2100

Category I or Category III Appliance


(see Installation and Operation Manual for venting information)



RSUB-36-G

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-2100-13

BOILER CERTIFIED RATINGS & CAPACITIES

Fuel Type	Natural/Propane Gas	Boiler FLA	11.0*
Input BTU/hr.	2,100,000 / 616 kW	Min. Gas Pressure Required	7" WC**
Output BTU/hr.	1,764,000 / 517 kW	Max. Gas Pressure Allowed	14" WC
Electrical Requirements	120VAC/ 1 ph/ 60 hz	Operating Weight	1105 lbs. / 502 kg.

BOILER / WATER HEATER 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
High Limit	Honeywell L4008E		

A.S.M.E.

ASME Sect IV Htg Surface	202.0 Sq. Ft. / 18.77 Sq. M.	Design Data	Max. 160 psig & 250°F
Water Volume	5.6 gal / 21.4 Liters		

* Add circulator amps.

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

BOILER TEMPERATURE RISE / PRESSURE DROP


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
117.6†	7.4†	11.00	32.4	100.8	6.4	8.27	24.4

† Flow exceeds recommended maximum use a greater temperature rise or consult manufacturer.
Cupronickel heat exchanger should be considered.

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
5168	19535	3445	13024	2584	9768	2067	7814	1723	6512	1477	5582

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REP FIRM	_____	DOMINATOR 2100
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 (833) 265-5371