

LCD 2300

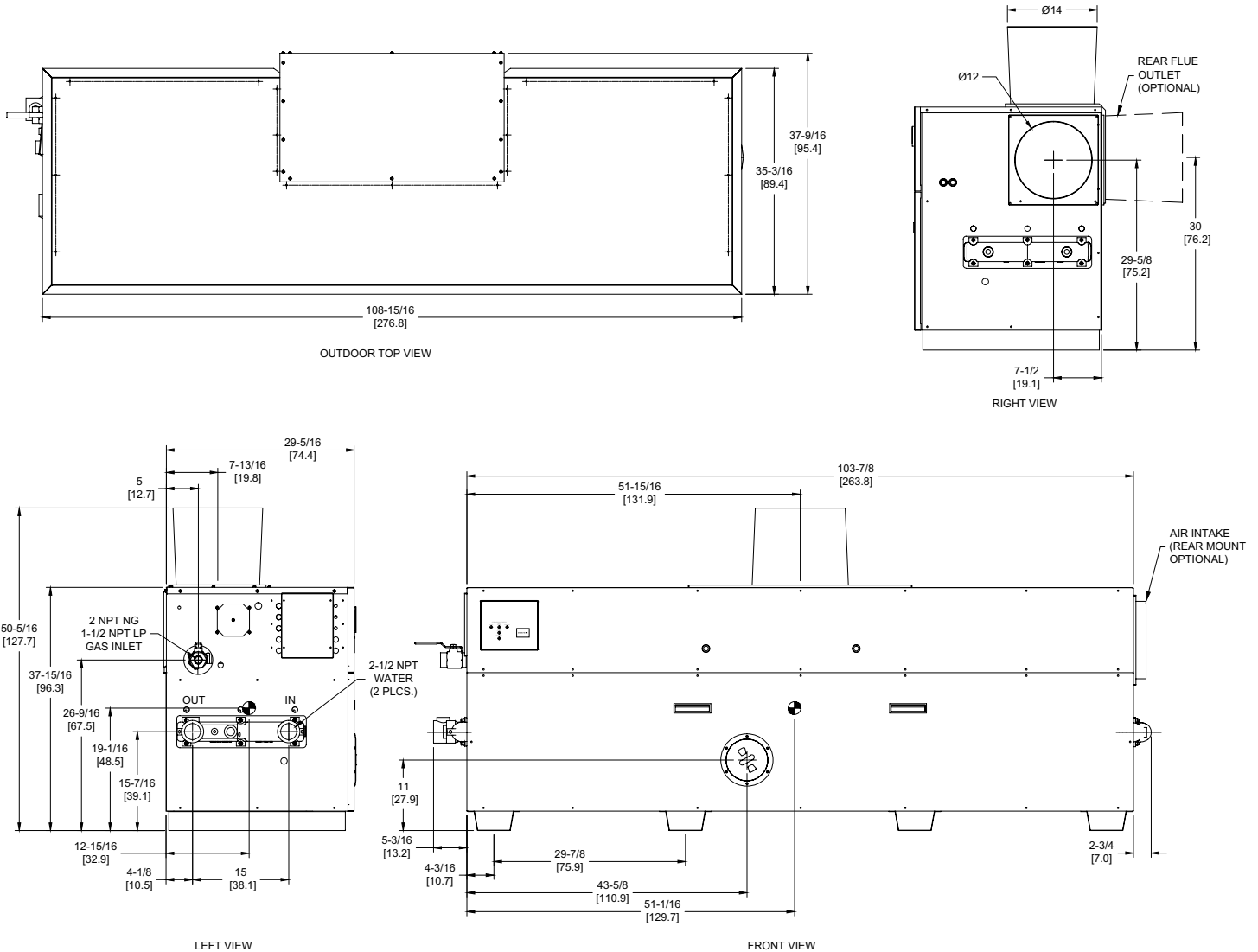
Category I or Category III Appliance

(see Installation and Operation Manual for venting information)

CODE OPTIONS

CSD-1

UTC Lockout/Reset Control
Manual Reset LWCO



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

RSUB-24-F

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.

SLCD-2300-10

BOILER CERTIFIED RATINGS & CAPACITIES

Fuel Type	Natural/Propane Gas	Boiler FLA	12.5*
Input BTU/hr.	2,300,000 / 674 kW	Min. Gas Pressure Required	7" WC**
Output BTU/hr.	1,886,000 / 553 kW	Max. Gas Pressure Allowed	14" WC
Electrical Requirements	120VAC/ 1 ph/ 60 hz	Operating Weight	1085 lbs. / 493 kg.

BOILER / WATER HEATER TRIM & CONTROLS

Main Gas Valve	Honeywell V8944B 2"	Pilot Valve	Honeywell VR8205Q
Firing Valve	Honeywell B200T1066 2"	Air Switch	Cleveland RSS-495
Safety Valve	Honeywell V48A 2"	Blower Motor	(2) 1/4 hp (1) 1/5 hp - FLA 13.2
Ignition Control	UTC 1003-61A	Relief Valve - LW	3/4" x 3/4" set @ 125 psi
Operating Control (LB/LW)	Jumo	Relief Valve - LB	1" x 1-1/4" set @ 50 psi
High Limit (LB/LW)	Jumo	Flow Switch	TACO

A.S.M.E.

ASME Sect IV Htg Surface	202 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
125.7†	7.9†	12.45	36.7	107.8	6.8	9.36	27.6

† 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
5695	21526	3797	14351	2847	10763	2278	8611	1898	7175	1627	6150

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REP FIRM	_____	<div>LCD 2300</div> <div>Category I or Category III Appliance</div> <div>(see Installation and Operation Manual for venting information)</div> <div>  <div> A Division of Mestek, Inc. Westfield, MA 01085 (413) 564-5515 </div> </div>
SUBMITTED BY	_____	
JOB NAME	_____	
ARCHITECT	_____	
ENGINEER	_____	
CONTRACTOR	_____	
DATE	_____	