

LCD 1650

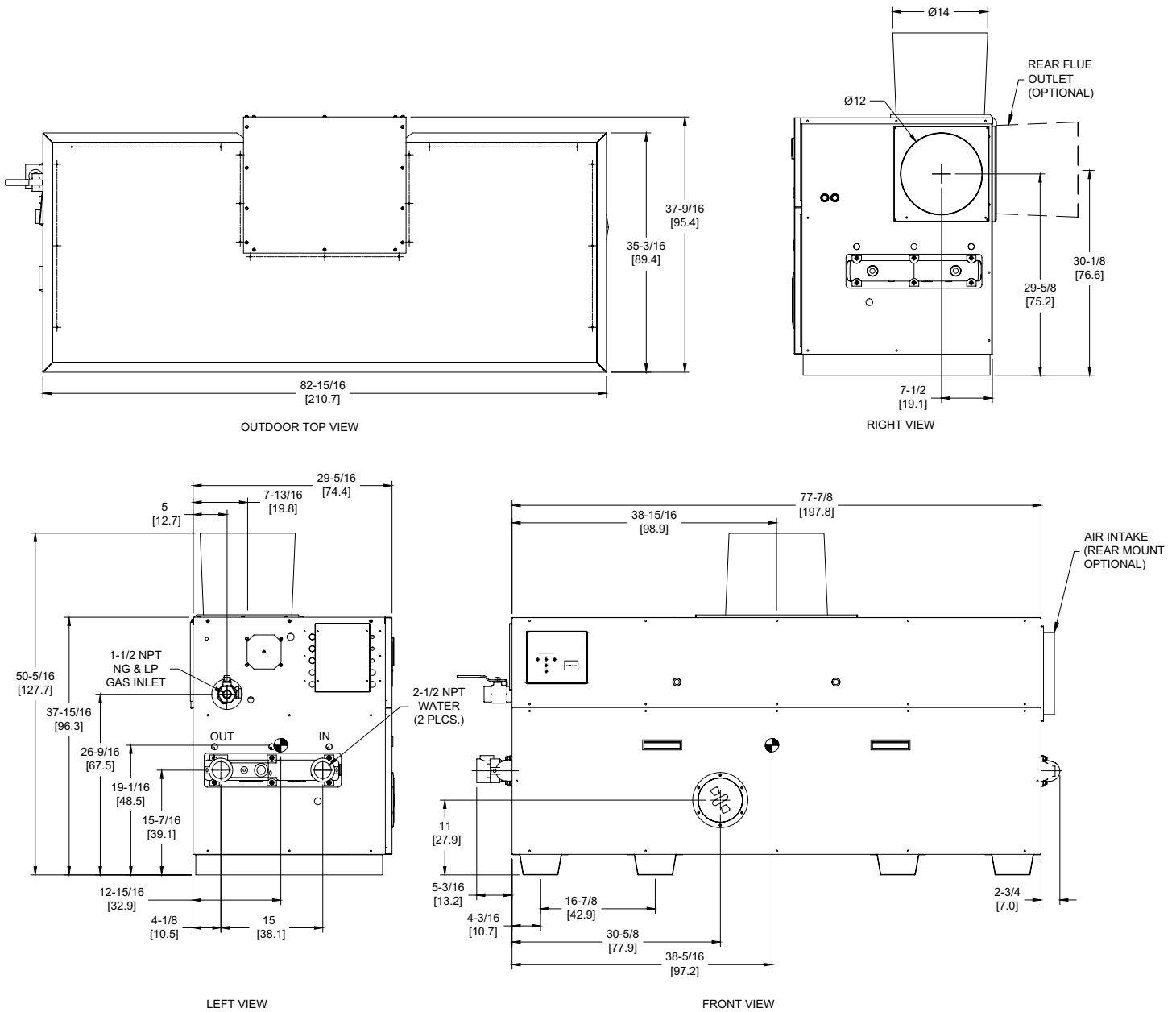
Category I or Category III Appliance

(see Installation and Operation Manual for venting information)

CODE OPTIONS

CSD-1

UTC Lockout/Reset Control
Manual Reset LWCO



RSUB-22-F

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.

SLCD-1650-10

BOILER CERTIFIED RATINGS & CAPACITIES

Fuel Type	Natural/Propane Gas	Boiler FLA	11.0*
Input BTU/hr.	1,650,000 / 483 kW	Min. Gas Pressure Required	7" WC**
Output BTU/hr.	1,353,000 / 396 kW	Max. Gas Pressure Allowed	14" WC
Electrical Requirements	120VAC/ 1 ph/ 60 hz	Operating Weight	906 lbs. / 411 kg.

BOILER / WATER HEATER TRIM & CONTROLS

Main Gas Valve	Honeywell V8944B 1-1/2"	Pilot Valve	Honeywell VR8205Q
Firing Valve	Honeywell B200T1058 1-1/2"	Air Switch	Cleveland RSS-495
Safety Valve	Honeywell V48A 1-1/2"	Blower Motor	(2) 1/4 hp - FLA 10.2
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	149 Sq. Ft. / 13.84 Sq. M.	Design Data	Max. 160 psig & 250°F
Water Volume	4.9 gal / 18.6 Liters		

* Add circulator amps.

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

BOILER TEMPERATURE RISE / PRESSURE DROP

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	
GPM	L/s	Ft	kPa	GPM	L/s	Ft	kPa	GPM	L/s	Ft	kPa
108.2	6.8	7.02	20.7	90.2	5.7	5.01	14.8	77.3	4.9	3.77	11.1

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
4075	15405	2717	10270	2038	7703	1630	6162	1358	5135	1164	4402

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REP FIRM	_____	LCD 1650 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
SUBMITTED BY	_____	
JOB NAME	_____	
ARCHITECT	_____	
ENGINEER	_____	
CONTRACTOR	_____	
DATE	_____	