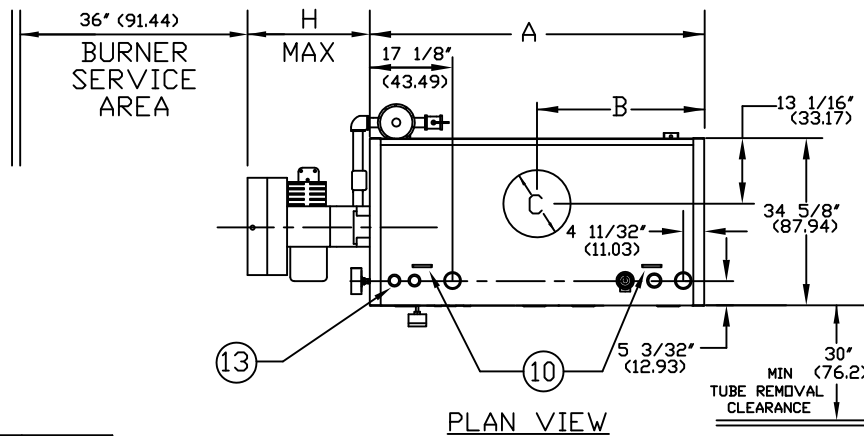


CLM SERIES FORCED DRAFT WATER BOILERS
(CLM120-CLM300) REVERSE CONSTRUCTION

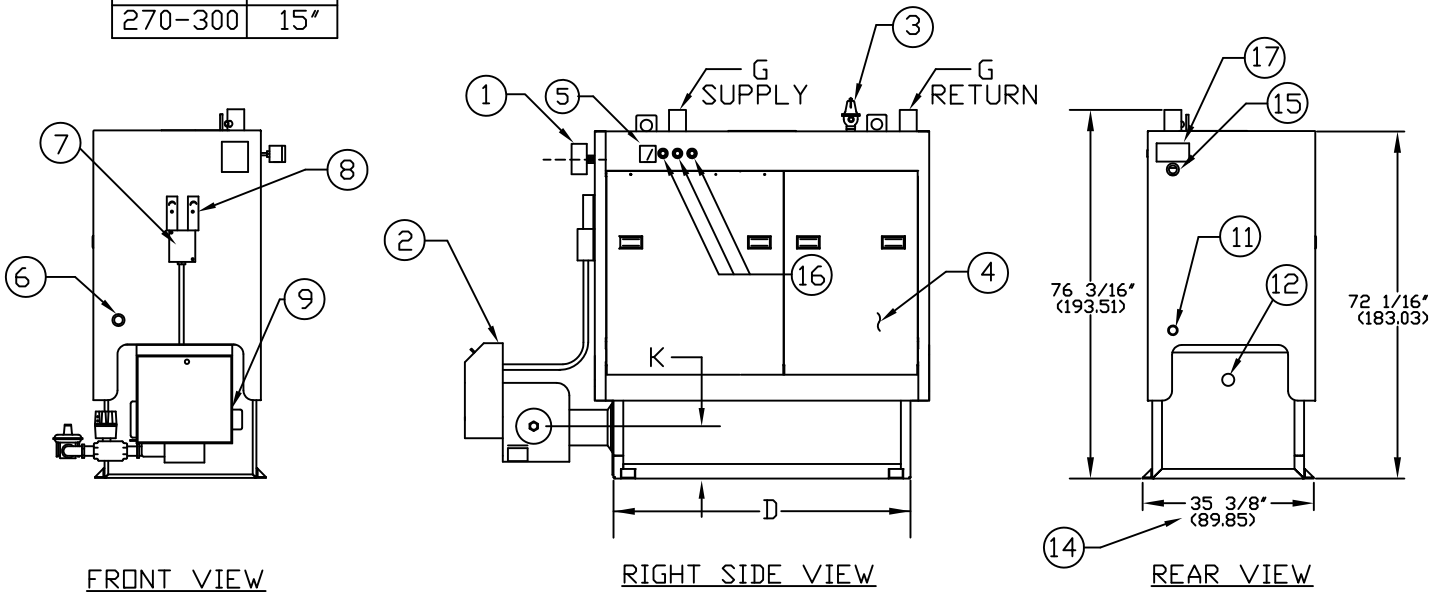
EFFECTIVE DATE: 04/07/14
REPLACES: 10/02/08

NOTES:

1. ALL DIMENSIONS ARE IN INCHES. THOSE IN PARENTHESES ARE CENTIMETERS.
2. LOCATION DIMENSIONS ARE ALL $\pm 1/2"$.
3. GAS TRAIN, CONTROL AND BURNER CONFIGURATION WILL VARY DEPENDING ON JOB SPECIFICATIONS & CONDITIONS.
4. DIMENSIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE. CONSULT FACTORY FOR CERTIFIED DIMENSIONS.



MODEL	K
120-240	12"
270-300	15"



- | | | | |
|------------------------|---------------------------------|----------------------------------|-------------------------|
| 1. PROBE TYPE L.W.C.D. | 6. CLNDUT./INSP. DPNG-1 1/2"NPT | 11. DRAIN CONNECTION | 16. CONTROL CONNECTIONS |
| 2. FORCED DRAFT BURNER | 7. ELEC. ENCLOSURE | 12. FLAME OBSERVATION PORT | 17. ASME NAME PLATE |
| 3. RELIEF VALVE | 8. AQUASTATS | 13. 1" (2.54) EXP TANK CONN | |
| 4. TUBE ACCESS PANEL | 9. OIL PUMP LOCATION | 14. WIDTH OVER MTG BASE | |
| 5. PRESS./TEMP. GAUGE | 10. LIFTING LUG | 15. CLNDUT./INSP. DPNG-1 1/4"NPT | |

BOILER MODEL	CLM120	CLM150	CLM180	CLM210	CLM240	CLM270	CLM300
A-LENGTH OVER JACKET	50 11/16" (128.74)	59 11/16" (151.60)	69 1/8" (175.57)	78 3/8" (199.07)	88" (223.52)	97" (246.38)	106 5/8" (270.82)
B-FLUE LOCATION	25 5/16" (64.29)	29 13/16" (75.72)	34 9/16" (87.78)	39 3/16" (99.53)	44" (111.76)	48 1/2" (123.19)	53 5/16" (135.41)
C-FLUE DIAMETER	10" (25.40)	12" (30.48)	14" (35.56)	14" (35.56)	16" (40.64)	16" (40.64)	16" (40.64)
D-LENGTH OVER BASE	43 1/8" (109.53)	52 3/8" (133.03)	61 5/8" (156.52)	70 7/8" (180.02)	80 1/8" (203.51)	89 7/16" (219.54)	99 1/16" (251.61)
G-SUPPLY/ RETURN NOZZLE SIZE	3" (7.62)	3" (7.62)	3" (7.62)	3" (7.62)	3" (7.62)	3" (7.62)	3" (7.62)

H-BURNER EXTENSION CONSULT FACTORY FOR BURNER EXTENSION APPLICATIONS



BRYAN BOILERS

783 NORTH CHILI AVE
PERU, INDIANA 46970

ORDER NO. _____
ORDER REV. NO. _____
FORM NO. 2150

CLM SERIES FORCED DRAFT WATER BOILER REVERSE CONSTRUCTION

BOILER MODEL		CLM120	CLM150	CLM180	CLM210	CLM240	CLM270	CLM300
INPUT	MBH	1,200	1,500	1,800	2,100	2,400	2,700	3,000
	(KW)	351.6	439.5	527.4	615.3	703.2	791.1	879.0
OUTPUT*	MBH	978	1,223	1,467	1,712	1,956	2,201	2,445
	(KW)	286.6	358.2	429.8	501.5	573.1	644.7	716.4
BOILER HORSEPOWER*	HP	29	37	44	51	58	66	73
	(KW)	286	358	429	501	573	644	716
TUBE DIAMETER	INCHES	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	(CM)	2.54	2.54	2.54	2.54	2.54	2.54	2.54
NUMBER OF TUBES		36	45	54	63	72	81	90
PRESSURE VESSEL								
VOLUME	GAL	38	47	55	63	71	80	88
	(L)	143.8	177.9	208.2	238.5	268.7	302.8	333.1
HEATING SURFACE	SQ FT	145	180	215	251	287	322	360
	(SQ M)	13.5	16.7	20.0	23.3	26.7	29.9	33.5
OPERATING WEIGHT	LBS	3,000	3,510	4,025	4,535	5,050	6,010	6,150
	(KG)	1,360.8	1,592.1	1,825.7	2,057.1	2,290.7	2,726.1	2,789.6
SHIPPING WEIGHT	LBS	2,250	2,675	2,975	3,475	3,900	4,400	4,800
	(KG)	1,020.6	1,213.4	1,349.5	1,576.3	1,769.0	1,995.8	2,177.3

* Output and Boiler HP based on an average natural gas combustion efficiency.