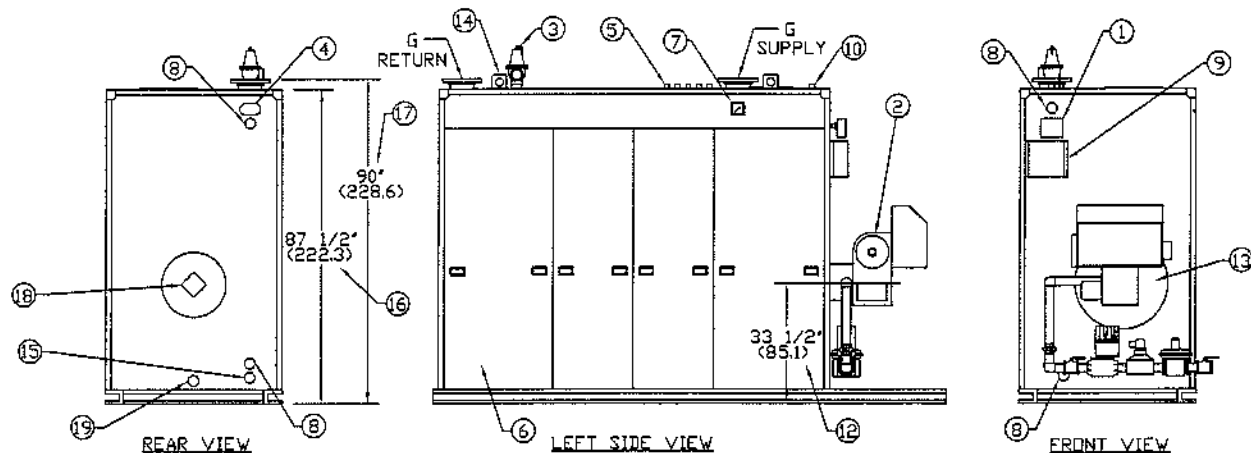
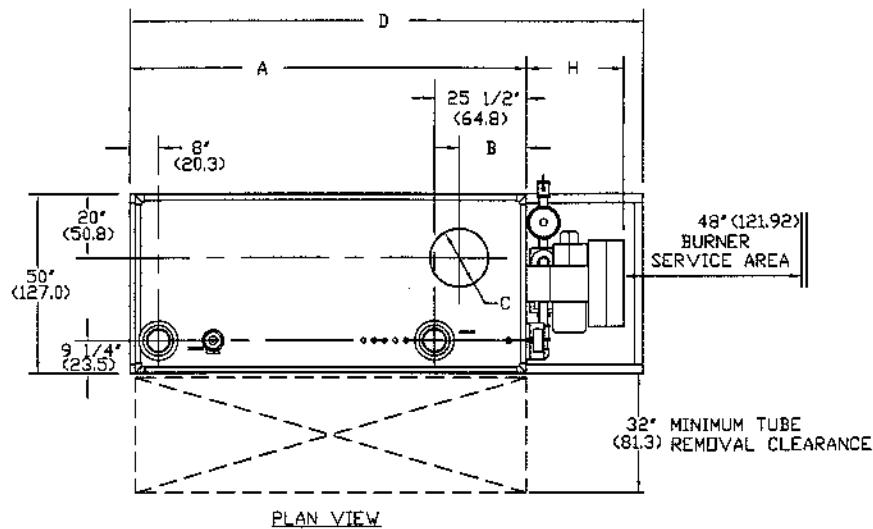


**EB SERIES FORCED DRAFT
WATER BOILERS (EB75-EB240)**

EFFECTIVE DATE: 11/3/05
REPLACES: 8/5/03

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.
5. ALL FLANGES ARE 150# UNLESS OTHERWISE NOTED, FLANGES TO STRADDLE CENTER LINE.



- | | | | |
|------------------------------|-----------------------------------|-----------------------------|--------------------------------|
| 1. PROBE TYPE L.W.C.O.- | 6. JACKET ACCESS PANELS | 12. BURNER CENTER LINE | 16. HEIGHT OVER JACKET |
| 2. FORCED DRAFT BURNER | 7. PRESS./TEMP. GAUGE | 13. OIL PUMP LOCATION | 17. HEIGHT OVER SUPPLY |
| 3. RELIEF VALVE | 8. CLNDUT./INSP. OPNG.-1 1/2" NPT | 14. LIFTING LUGS | 18. FLAME OBSERVATION PORT |
| 4. ASME NAMEPLATE | 9. ELEC. ENCLOSURE- | 15. DRAIN CONNECTION 2" NPT | 19. COMB. CHAMBER DRAIN 1" NPT |
| 5. CONTROL TAPPINGS 3/4" NPT | 10. VENT CONNECTION 1" NPT | | |

BOILER MODEL	EB75	EB100	EB125	EB150	EB175	EB200	EB240
A-LENGTH OVER JACKET	75 1/2" (191.8)	98" (248.9)	111" (281.9)	111" (281.9)	152 3/4" (338.0)	152 3/4" (338.0)	197 3/4" (502.3)
B-FLUE LOCATION	13 1/4" (33.7)	16" (40.6)	18 3/4" (47.6)	18 3/4" (47.6)	18 3/4" (47.6)	18 3/4" (47.6)	20 3/4" (52.7)
C-FLUE DIAMETER	12" (30.5)	16" (40.6)	16" (40.6)	16" (40.6)	18" (45.72)	18" (45.72)	20" (50.8)
D-LENGTH OVER BASE	108 1/4" (275.0)	130 1/2" (331.4)	143 1/2" (364.5)	143 1/2" (364.5)	185 1/4" (470.5)	185 1/4" (470.5)	237 1/4" (602.6)
G-SUPPLY/RETURN NOZZLE SIZE	4" FLG (10.2)	6" FLG (15.2)	6" FLG (15.2)	6" FLG (15.2)	6" FLG (15.2)	6" FLG (15.2)	6" FLG (15.2)
H-BURNER EXTENSION	CONSULT FACTORY FOR BURNER EXTENSION						



BRYAN BOILERS

783 NORTH CHILI AVE
PERU, INDIANA 46970

ORDER NO. _____
ORDER REV. NO. _____
FORM NO. 2121

EB SERIES FORCED DRAFT WATER BOILER

BOILER MODEL		EB75	EB100	EB125	EB150	EB175	EB200	EB240
INPUT	MBH	3,200	4,200	5,250	6,300	7,325	8,500	10,000
	(KW)	937.6	1,230.6	1,538.2	1,845.9	2,146.2	2,490.5	2,930.0
OUTPUT*	MBH	2,560	3,360	4,200	5,040	5,860	6,800	8,000
	(KW)	750.1	984.5	1,230.6	1,476.7	1,717.0	1,992.4	2,344.0
BOILER HORSEPOWER	HP	75	100	125	150	175	200	240
	(KW)	735.0	983.7	1,229.6	1,470.0	1,715.5	1,960.0	2,352.0
TUBE DIAMETER	INCHES	1.50	1.50	1.50	1.50	1.50	1.50	1.50
	(CM)	3.81	3.81	3.81	3.81	3.81	3.81	3.81
NUMBER OF TUBES		33	47	55	55	81	81	109
PRESSURE VESSEL								
VOLUME	GAL	111	146	169	169	236	236	309
	(L)	420.1	552.6	639.7	639.7	893.3	893.3	1,169.6
OPERATING WEIGHT	LBS	6,510	8,255	9,230	9,350	12,500	12,630	16,026
	(KG)	2,952.9	3,744.5	4,186.7	4,241.2	5,670.0	5,729.0	7,269.4
SHIPPING WEIGHT	LBS	5,580	7,000	7,820	7,940	10,530	10,660	13,450
	(KG)	2,531.1	3,175.2	3,547.2	3,601.6	4,776.4	4,835.4	6,100.9

* Output based on nominal 80% of Input. Actual combustion efficiencies will be higher and fuel dependant.