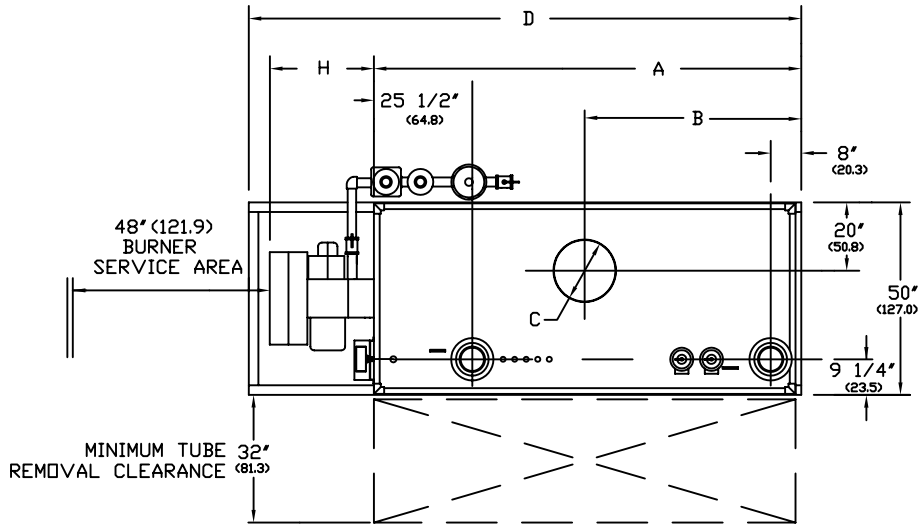
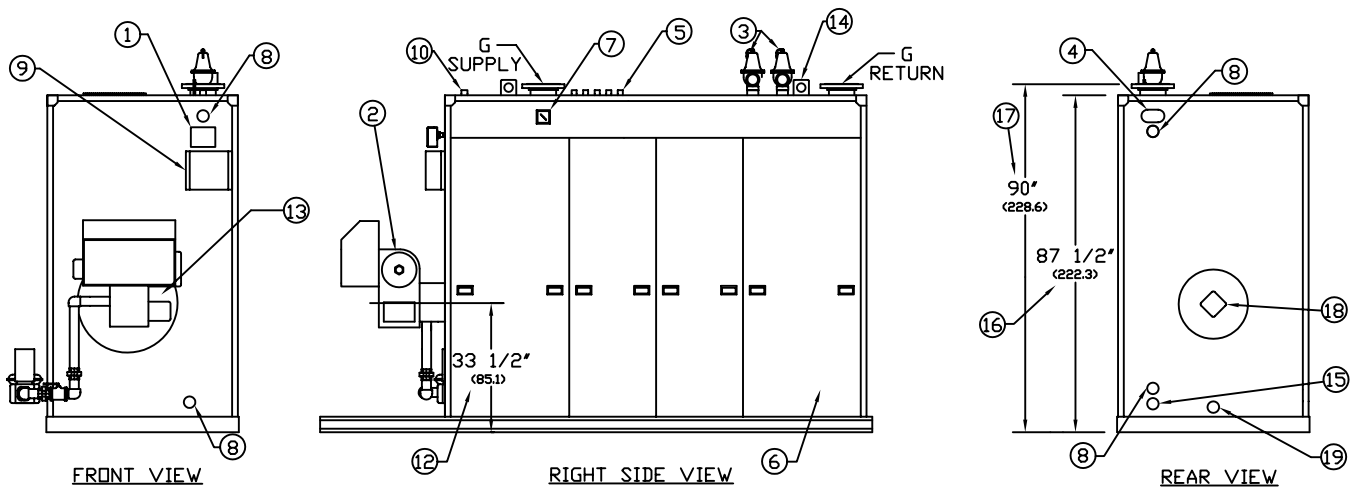


RV SERIES FORCED DRAFT WATER BOILERS  
(HE-RV550-HE-RV800) REVERSE CONSTRUCTION

EFFECTIVE DATE: 03/10/08  
REPLACES: 11/6/2006



PLAN VIEW



- |                              |                                  |                             |                                |
|------------------------------|----------------------------------|-----------------------------|--------------------------------|
| 1. PROBE TYPE L.W.C.D.-      | 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	HE-RV550	HE-RV600	HE-RV700	HE-RV800
A-LENGTH OVER JACKET	143 1/4" (363.9)	152 3/4" (338.0)	175 1/4" (445.1)	197 3/4" (502.3)
B-FLUE LOCATION	71 5/8" (181.9275)	76 3/8" (193.9925)	87 5/8" (222.5675)	98 7/8" (251.1425)
C-FLUE DIAMETER	16" (40.6)	16" (40.6)	20" (50.8)	20" (50.8)
D-LENGTH OVER BASE	175 3/4" (446.4)	185 1/4" (470.5)	214 1/2" (544.8)	237 1/4" (602.6)
G-SUPPLY / RETURN NOZZLE SIZE	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. 2379

# HE-RV SERIES FORCED DRAFT WATER BOILERS REVERSE CONSTRUCTION

BOILER MODEL		HE-RV550	HE-RV600	HE-RV700	HE-RV800
INPUT	MBH	5,500	6,000	7,000	8,000
	(KW)	1,611.5	1,758.0	2,051.0	2,344.0
OUTPUT*	MBH	4,675	5,100	5,950	6,800
	(KW)	1,369.8	1,494.3	1,743.3	1,992.4
BOILER HORSEPOWER*	HP	140	152	178	203
	(KW)	1,368.6	1,493.1	1,741.9	1,990.7
TUBE DIAMETER	INCHES	1.50	1.50	1.50	1.50
	(CM)	3.81	3.81	3.81	3.81
NUMBER OF TUBES		75	81	95	109
PRESSURE VESSEL					
VOLUME	GAL	251	275	325	364
	(L)	950.0	1,040.9	1,230.1	1,377.7
HEATING SURFACE	SQ FT	1,035	1,128	1,335	1,541
	(SQ M)	96.2	104.8	124.1	143.2
OPERATING WEIGHT	LBS	12,685	13,674	15,700	17,687
	(KG)	5,753.7	6,202.4	7,121.3	8,022.7
SHIPPING WEIGHT	LBS	10,592	11,381	12,990	14,652
	(KG)	4,804.5	5,162.4	5,892.3	6,646.1

\* Output and Boiler HP based on an average 85% natural gas combustion efficiency.