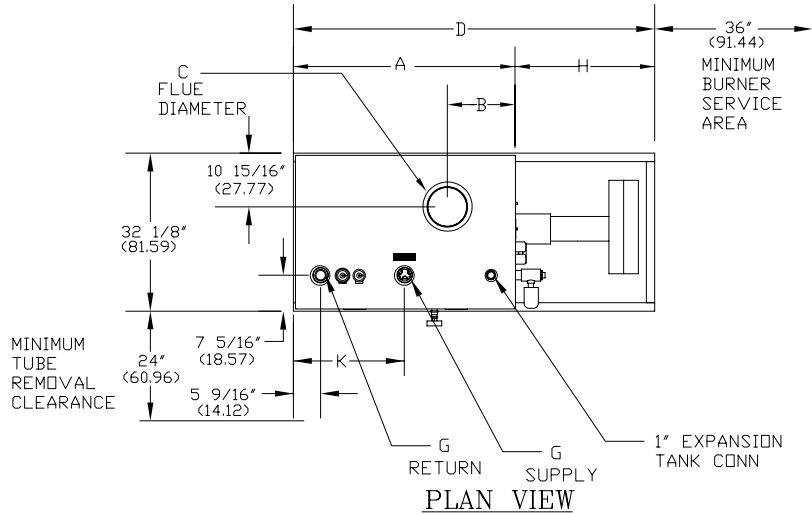


DR SERIES FORCED DRAFT
WATER BOILER (DR350-DR850)

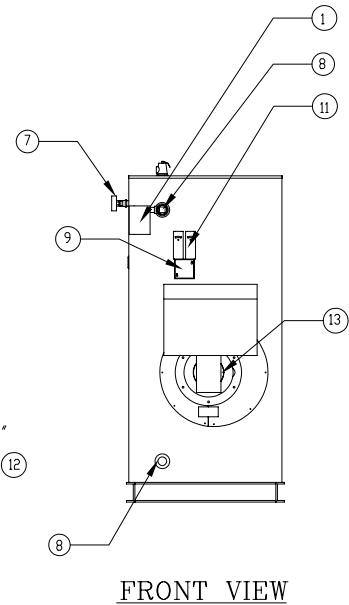
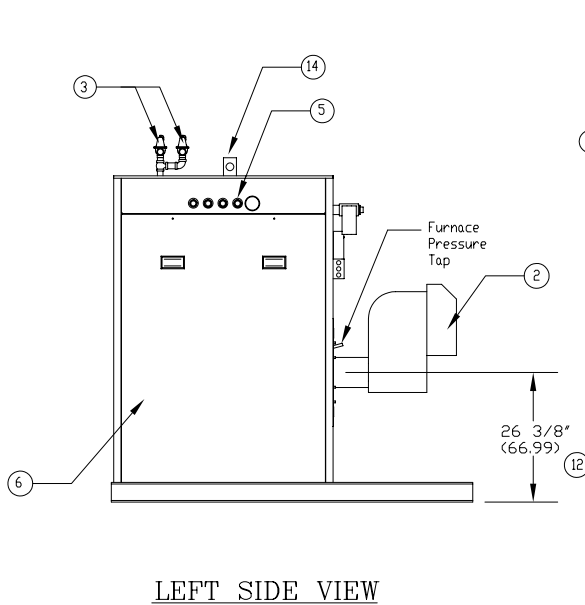
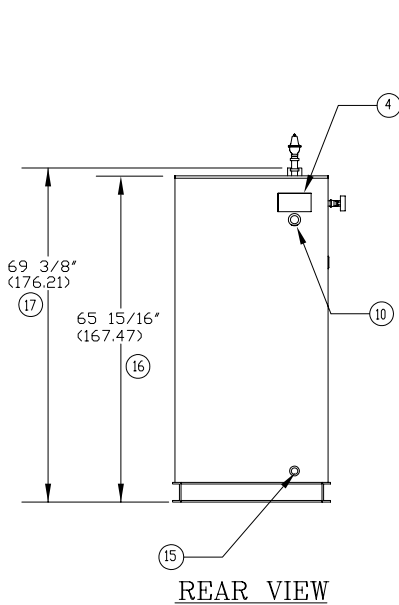
EFFECTIVE DATE: 5/30/08
REPLACES: 3/15/06

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 |
|---------|----------|
| 350-450 | 17" |
| 650-850 | 22 9/16" |



| | | | |
|-------------------------|----------------------------------|------------------------|------------------------|
| 1. PROBE TYPE L.W.C.D.- | 6. JACKET ACCESS PANELS | 11. AQUASTATS | 16. HEIGHT OVER JACKET |
| 2. FORCED DRAFT BURNER | 7. PRESS./TEMP. GAUGE | 12. BURNER CENTER LINE | 17. HEIGHT OVER SUPPLY |
| 3. RELIEF VALVE | 8. CLNDUT./INSP. OPNG.-1 1/2"NPT | 13. OIL PUMP LOCATION | |
| 4. ASME NAMEPLATE | 9. ELEC. ENCLOSURE- | 14. LIFTING LUG | |
| 5. CONTROL CONNECTION | 10. AUX. CONNECTION 1 1/4" NPT | 15. DRAIN CONNECTION | |

| BOILER MODEL | DR350 | DR450 | DR650 | DR850 |
|-------------------------------|---|------------------|-------------------|-------------------|
| A-LENGTH OVER JACKET | 33 3/4" (84.77) | 33 3/4" (84.77) | 45 1/16" (114.45) | 45 1/16" (114.45) |
| B-FLUE LOCATION | 13 3/4" (34.92) | 13 3/4" (34.92) | 13 1/8" (33.33) | 13 1/8" (33.33) |
| C-FLUE DIAMETER | 6" (15.24) | 6" (15.24) | 8" (20.32) | 8" (20.32) |
| D-LENGTH OVER BASE | 62 1/8" (157.79) | 62 1/8" (157.79) | 73 1/2" (186.69) | 73 1/2" (186.69) |
| G-SUPPLY / RETURN NOZZLE SIZE | 2" (5.08) | 2" (5.08) | 2" (5.08) | 2" (5.08) |
| H-BURNER EXTENSION | CONSULT FACTORY FOR BURNER EXTENSION APPLICATIONS | | | |



BRYAN STEAM LLC

783 NORTH CHILI AVE
PERU, INDIANA 46970

ORDER NO.:
ORDER REV. NO.:
FORM NO.: 2118

DR SERIES FORCED DRAFT WATER BOILERS

| BOILER MODEL | | DR350 | DR450 | DR650 | DR850 |
|--------------------|--------|-------|-------|-------|-------|
| INPUT | MBH | 350 | 450 | 650 | 850 |
| | (KW) | 102.5 | 131.8 | 190.4 | 249.0 |
| OUTPUT* | MBH | 292.3 | 375.8 | 542.8 | 709.8 |
| | (KW) | 85.6 | 110.1 | 159.0 | 208.0 |
| BOILER HORSEPOWER* | HP | 9 | 11 | 16 | 21 |
| | (KW) | 86 | 110 | 159 | 208 |
| TUBE DIAMETER | INCHES | 1.00 | 1.00 | 1.00 | 1.00 |
| | (CM) | 2.54 | 2.54 | 2.54 | 2.54 |
| NUMBER OF TUBES | | 18 | 18 | 29 | 29 |
| PRESSURE VESSEL | | | | | |
| VOLUME | GAL | 20 | 20 | 30 | 30 |
| | (L) | 75.7 | 75.7 | 113.6 | 113.6 |
| HEATING SURFACE | SQ FT | 66 | 66 | 103 | 103 |
| | (SQ M) | 6.1 | 6.1 | 9.6 | 9.6 |
| OPERATING WEIGHT | LBS | 1,320 | 1,320 | 1,900 | 1,900 |
| | (KG) | 598.8 | 598.8 | 861.8 | 861.8 |
| SHIPPING WEIGHT | LBS | 1,150 | 1,150 | 1,650 | 1,650 |
| | (KG) | 521.6 | 521.6 | 748.4 | 748.4 |

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