



INTELLI-FIN[®] BOILER PRODUCT SUMMARY

(IB) 1,500,000 - 2,000,000 BTU/HR

| | IB-1500 | IB-1700 | IB-2000 |
|------------------------------------|-------------|-------------|-------------|
| WATER | | | |
| GALLON CAPACITY | 8.6 | 8.8 | 9.2 |
| HEATING SURFACE (SQ. FT.) | 156.8 | 177.8 | 209.4 |
| WATER CONNECTIONS | 3" | 3" | 3" |
| DRAIN | 2@3/4" | 2@3/4" | 2@3/4" |
| MAX. WATER FLOW RATE (GPM) | 90 | 90 | 90 |
| HEAD LOSS (FT. OF HD.) | 15.0 | 15.0 | 15.0 |
| MIN. WATER FLOW RATE (GPM) | 90 | 90 | 90 |
| HEAD LOSS (FT. OF HD.) | 15.0 | 15.0 | 15.0 |
| MAX. WORKING PRESSURE (PSI) | 160 | 160 | 160 |
| # OF RELIEF VALVES | 1 | 1 | 2 |
| RELIEF VALVE SIZE | 1-1/4" | 1-1/4" | 1" |
| RELIEF VALVE RATING (MBH) | 1,934 | 1,934 | 1,352 |
| RELIEF VALVE PRESSURE RATING (PSI) | 50 | 50 | 50 |
| GAS | | | |
| INLET CONNECTION | 1-1/2" | 1-1/2" | 1-1/2" |
| MAX. INLET PRESSURE, NAT | 10.5" w.c. | 10.5" w.c. | 10.5" w.c. |
| MIN. INLET PRESSURE, NAT | 4.0" w.c. | 4.0" w.c. | 4.0" w.c. |
| MANIFOLD PRESSURE, NAT | 3.5" w.c. | 3.5" w.c. | 3.5" w.c. |
| MAX. INLET PRESSURE, LP | 13.0" w.c. | 13.0" w.c. | 13.0" w.c. |
| MIN. INLET PRESSURE, LP | 4.0" w.c. | 4.0" w.c. | 4.0" w.c. |
| MANIFOLD PRESSURE, LP | 3.5" w.c. | 3.5" w.c. | 3.5" w.c. |
| BTU/HR INPUT | 1,500,000 | 1,700,000 | 2,000,000 |
| BTU/HR OUTPUT (HIGH FIRE) | 1,402,500 | 1,589,500 | 1,870,000 |
| BTU/HR OUTPUT (LOW FIRE) | 350,625 | 397,375 | 467,500 |
| ELECTRICAL | | | |
| VOLTAGE/HEATER | 120 | 120 | 120 |
| VOLTAGE/PUMP | 120 | 120 | 120 |
| VOLTAGE/CONTROL | 24 | 24 | 24 |
| TOTAL AMPS W/PUMP | 15.5 | 16.0 | 16.0 |
| # OF ELECTRICAL CONNECTIONS | 1 - (2@15A) | 1 - (2@15A) | 1 - (2@15A) |
| DIMENSIONS | | | |
| HEIGHT | 67-3/4" | 72-1/4" | 79" |
| WIDTH | 28-1/2" | 28-1/2" | 28-1/2" |
| DEPTH (INCLUDES PUMP) | 49-3/4" | 49-3/4" | 49-3/4" |
| SERVICE CLEARANCES | | | |
| FRONT | 24" | 24" | 24" |
| BACK (PIPING) | 24" | 24" | 24" |
| RIGHT SIDE | 0" | 0" | 0" |
| LEFT SIDE | 0" | 0" | 0" |
| TOP | 24" | 24" | 24" |
| VENTING | | | |
| SIZE | 6" | 7" | 8" |
| VENT CATEGORY | IV | IV | IV |
| VENT MATERIAL | AL29-4C | AL29-4C | AL29-4C |

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