



BOILERS
are our
BUSINESS®

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UNIT No. B-627

50 HP, 15 PSI STEAM, #2 OIL

THIS COLUMBIA WL SERIES STEEL WATERTUBE BOILER, MODEL WL-140-50, WAS ORIGINALLY CONSTRUCTED IN 2004 IN ACCORDANCE WITH THE ASME CODE; SECTION IV, FOR A DESIGN PRESSURE OF 15 PSI STEAM. THE UNIT IS A WATER LEG DESIGN PROVIDING FOR GREATER EFFICIENCY AND SIMPLIFIED MAINTENANCE. THE SHELL IS INSULATED WITH COMPRESSED FIBERGLASS AND COVERED WITH A HEAVY GAUGE SHEET STEEL CASING. THE FORCED DRAFT BURNER IS INTEGRALLY MOUNTED, PIPED AND WIRED ON THE BOILER FRONT ALLOWING FOR EASE OF FLAME OBSERVATION, SET-UP AND MAINTENANCE.

IN ADDITION TO THE STANDARD FACTORY TRIM, THIS SYSTEM IS EQUIPPED WITH:

- **HIGH EFFICIENCY FLAME RETENTION BURNER**
- **PRIMARY LOW WATER CUT-OFF** WITH FEEDWATER PUMP CONTROLLER
- **SECONDARY LOW WATER CUT-OFF** WITH MANUAL RESET
- **FEEDWATER STOP AND CHECK VALVING**
- **BLOWDOWN/DRAIN VALVES**, VENT VALVE AND SAFETY RELIEF VALVE PER ASME CODE
- **WATER COLUMN WITH SIGHT GLASS**, GAUGE COCKS, TRICOCKS AND DRAIN VALVE
- **STEAM PRESSURE GAUGE** WITH ISOLATION VALVE
- **BOILER/BURNER FLAME CONTROL** AND DETECTOR, MOTOR STARTERS, RELAYS AND LIMIT SWITCHES WITH LOW/HI/LOW MODULATING FIRE ARRANGEMENT
- **STEAM PRESSURE LIMIT SWITCHES**; OPERATING STEAM PRESSURE LIMIT SWITCH AND SAFETY STEAM PRESSURE LIMIT SWITCH WITH MANUAL RESET
- **FUEL PUMP WITH FILTER**, MOUNTED AND PIPED ON THE BURNER
- **AUTOMATIC FUEL SAFETY SHUT-OFF VALVES**
- **INSULATED STEEL JACKET** WITH ENAMEL FINISH
- **LARGE CLEAN-OUT DOOR** FOR FIRESIDE CLEANING
- **WATERSIDE WASH-OUTS** AT EACH CORNER
- **DOMESTIC WATER HEATING COILS** (OPTIONAL)
- **SMOKE HOOD** WITH STACK ADAPTER
- **U.L. LABELING, SBI RATED**
- **NATIONAL BOARD CERTIFIED**

CONNECTIONS;

STEAM - 6" X 150#
FEEDWATER - 1.0" NPT
BLOWDOWN - 2.0" NPT
#2 OIL, - 0.5 " NPT
ELECTRIC - 120V/1/60
STACK - 12" ID

DIMENSIONS;

LENGTH, OVERALL - 92"
HEIGHT, OVERALL - 73"
WIDTH, OVERALL - 38"
WEIGHT, SHIPPING - 3,000 LBS
OPERATING - 4,800 LBS

THIS BOILER IS NEW, NEVER USED AND IS OFFERED FULLY ASSEMBLED AND SHOP TESTED WITH A ONE YEAR PARTS WARRANTY, SUBJECT TO PRIOR SALE OR RENTAL.