



MAIN

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SOUTHEAST

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UNIT NO. B-777; 50 HP, 15 / 30 PSI, #2 OIL



Columbia WL Series Steel Watertube Boiler, Model WL-140-SO, constructed in 2007 in accordance with the ASME Code; Section IV, for a design pressure of 15 PSI steam and/or 30 PSI hot water. 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. Valving trim, controls and ancillary equipment include;

- **Primary low water cut-off** with feedwater pump controller
- **Secondary low water cut-off** with manual reset
- **Boiler valve trim;** feedwater stop and check valving, blowdown -drain valves, vent valve and safety relief valve per ASME code
- **Water column** with sight glass, gauge cocks and drain valve mounted on the primary low water cut-off
- **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
- **Pressure / Temperature Limits;** Operating limit, safety limit with manual reset and low fire hold control
- **Fuel pump** with filter, mounted and piped on the burner
- **Manual and automatic fuel safety shut-off valves**
- **Domestic water heating coils** rated to 50 GPM @ 100 PSI @ 180° F, field assembly required.
- **Smoke hood** with stack adapter
- **U.L. Labeling, SBI rated**
- **CSD-1 Safety standards**
- **National Board Certified**

Connections;

Steam - 6" x 150#	Blowdown - 2.0" NPT	Electric - 120V/1/60	Hot Water, S & R - 4" x 150#
#2 Oil - 0.5 " NPT	Feedwater - 1.0" NPT	Stack - 12" ID	Dom HW, S & R - 1.5" NPT

Dimensions; 92" Long x 38" Wide x 73" High. Weights; Shipping – 3,000 Lbs, Operating – 5,000 Lbs

This boiler is offered fully reconditioned, shop tested and factory painted with a one-year parts warranty.