

Powermaster®

BOILERS

Powermaster WB-A2-3P-HW

- » Capacities: 80 to 1500 BHP.
- » Pressures up to 150 psi.
- » Temperatures up to 250°F.
- » Superheated water for heating.
- » Fuels: Diesel, LPG, Natural Gas or Heavy Oil.



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Characteristics

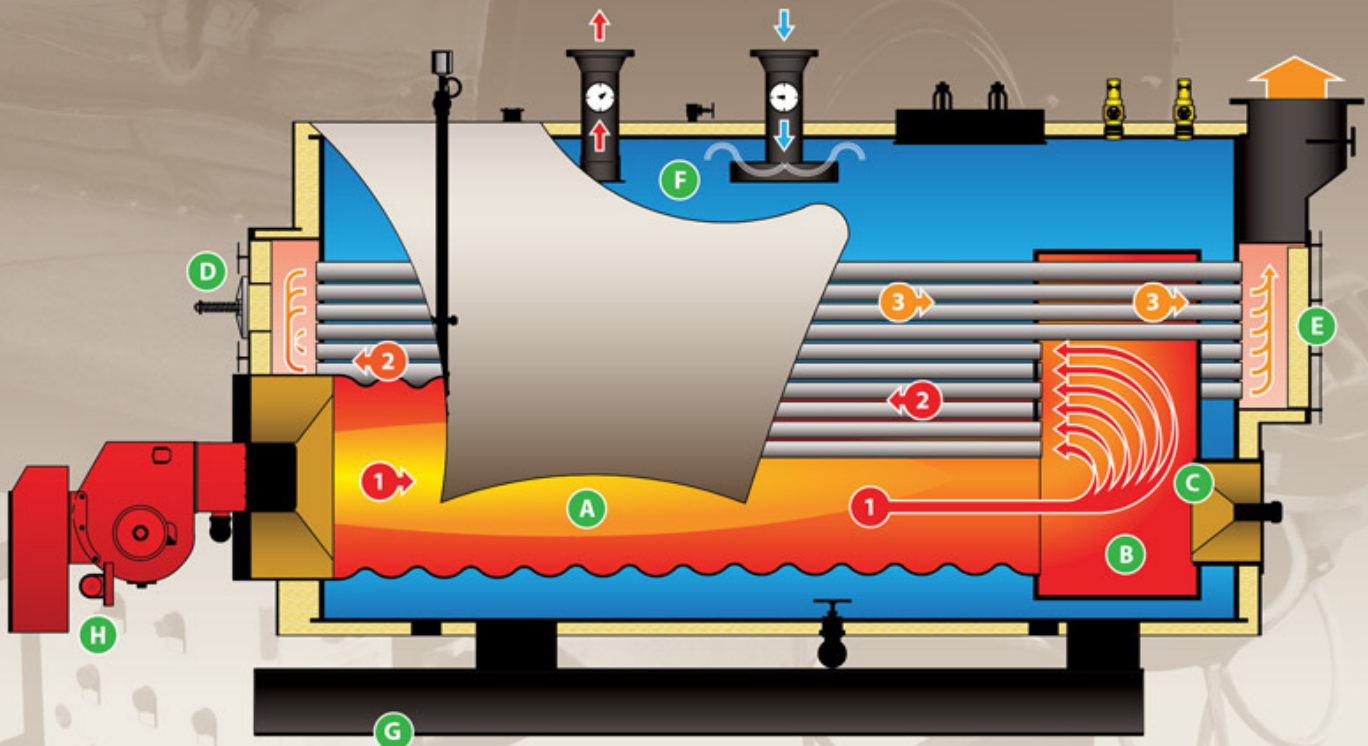
- » Three pass scotch marine design .
- » Designed and manufactured as per ASME Section I and IV.
- » Large furnace chamber with low fatigue coefficient.
- » Low water side pressure drop across boiler.
- » High efficiency .
- » Completely automatic operation.
- » Integrated control panel.
- » Wet back starting at 80 BHP (Dry back below 80 BHP).

Requirements

- » Closed loop hot water circuit with a PH of 10 or more.
- » Recirculating pump installed in the closed loop.
- » Expansion tank.
- » Minimum pressure required is a function of the desired operating temperature.
- » Water inlet and outlet connections free of stresses.
- » Minimum flow required is a function of the desired operating temperature.
- » Standard Steel pipe connections.

Applications

- » Central heating and air conditioning .
- » Closed loop industrial heating hot water circuits.



- A. Hot corrugated furnace.
- B. Wet-Back.
- C. Man-Hole for Wet-Back access.
- D. Gas side relief valves.
- E. No refractory in doors.
- F. Hot water inlet & outlet.
- G. Structural steel base.
- H. Will suit any brand of burner.

- 1. First pass.
- 2. Second pass.
- 3. Third pass.