



Superior Boilers

Watertube Boilers

Manufacturers industrial watertube boilers in: Ds, D, O, A, and TSGU Type

Appalachia

A-Type Watertube Boiler

The Appalachia open bottom A-Type watertube boiler is available for pressurized or balanced draft operation.

The Appalachia is custom designed for firing either natural gas, oil, or solid fuel. The boiler's convection bank tube spacing is designed for moderate gas velocities.



Features

Capacities from 30,000 – 250,000 lb/hr

Design pressure up to 1,200 psig

Superheated steam temperature up to 900°F

Gas outlet configuration: top

Available as a Modular Boiler System

Construction

Rectangular Furnace

Gas outlet at top front

Open bottom units suitable for solid fuel firing

The Appalachia open bottom A-Type watertube boiler is available for pressurized or balanced draft operation. It can be shipped as a self-contained, fully assembled unit. Superior Boiler also custom designs the boiler "knocked down" for site assembly. The boiler is custom designed for firing either natural gas, oil, or solid fuel. The boiler's convection bank tube spacing is designed for moderate gas velocities.

Denali

D-Type Watertube Boiler



Features

- Capacities from 10,000 – 250,000 lb/hr
- Design pressure up to 1,200 psig
- Superheated steam temperature up to 900°F
- Gas outlet configuration: left or right side
- Available as a Modular Boiler System

Huron

HRSG – Heat Recovery Steam Generator

The Huron HRSG (Heat Recovery Steam Generator) is available in multiple configurations: Single pass O-Type, Single pass A-Type, Cross drum multi pressure.



Features

Gas turbine and waste heat capabilities

Capacities from 1,000 – 120,000 lb/hr

Design pressure up to 1,200 psig

Superheated steam temperature up to 900°F

Available with optional water-cooled furnace

Duct Firing – Nat Gas and Oil

Supplemental and fresh air firing capabilities

1, 2 and 3 pressures

Available in multiple configurations: Single pass O-Type, Single pass A-Type, Cross drum multi pressure



Ottawa

O-Type Watertube Boiler

The O-Type watertube boiler design has the capability to reach steam outputs of up to 250,000 PPH with pressures up to 900 psi. Industrial watertube boiler has a symmetrical furnace with a vertical flue gas exit which allows for a narrow footprint and a balanced center of gravity.



Features

- Packaged boiler capacities from 10,000 – 250,000 lb/hr
- Large furnace promotes low emissions
- Engineered for long term reliability
- Pressures up to 1,200 PSIG
- Factory built, field erect and modular designs available
- Radiant super heater design available
- Suitable for natural gas and fuel oil
- Robust long lasting design, +30 years lifespan
- Windbox mounted fan up to 100KPPH
- Superheated steam temperature up to 900 °F
- Gas outlet configuration: top
- Available as a Modular Boiler System

Superior Boiler offers the O-Type industrial watertube boiler design along with several other standard boiler designs. Our O-Type industrial watertube boiler design has the capability to

reach steam outputs of up to 250,000 PPH with pressures up to 900 psi. D-Type watertube boilers are limited in their shop assembled capacities due to shipping constraints. The O-Type industrial watertube boiler has a symmetrical furnace with a vertical flue gas exit which allows for a narrow footprint and a balanced center of gravity.

While O-Type industrial watertube boilers are typically fired using natural gas and oil as the fuel, this style of boiler can be more versatile than the standard D-Type boilers. Frequently, an O-Type industrial watertube boiler boiler is fitted with a combustion chamber on the front end that allows the thermal energy created by solid fuel firing or a waste stream from another source to be used in conjunction with the "O" symmetrical furnace, vertical gas outlet and overall narrow width.

Management and maintenance

Calderas del Norte offers technical support 24 hours a day, throughout the Mexican Republic, through specialized and certified technicians.

Through predictive, preventive and corrective maintenance, it allows the equipment to be available at all times and working efficiently; which results in savings of unnecessary expenses and guarantees the security of the systems.



To learn more, please call or visit us online at calderasdelnorte.com

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