



Boilers and Boiler Room Accessories

www.riteboiler.com

ABOUT US

Rite Engineering began manufacturing boilers in Los Angeles in 1952. We have moved from our original location as business grew. Today we are located in a 50,000 square foot modern manufacturing facility in the aptly named city of Commerce, California.

The company was founded on a few simple beliefs:

- We treat everyone with respect.
- That our boilers and tanks should be built to last.
- That boiler maintenance should be simple.
- We should make it easy for boiler operators and owners to understand our products.

From our dependable steam and traditional water boilers to our high efficiency Durafins, Rite has boilers for almost every application and budget. Our dedicated representatives throughout the United States and Canada offer strong local support while our in-house tech team is ready to answer any questions you might have. We greatly appreciate your interest in Rite and look forward to working together.



Two Ultra-Low NOx hot water boilers headed for University

THE RITE BOILER

Rite boilers are classified as “horizontal, inclined watertubes”. This design incorporates the best characteristics of traditional firetube and water tube boiler designs. We provide the large-bore, non proprietary tubes of a firetube boiler but with the thermal-shock resistance of a flexible waterube boiler.

Horizontal Incline Watertubes



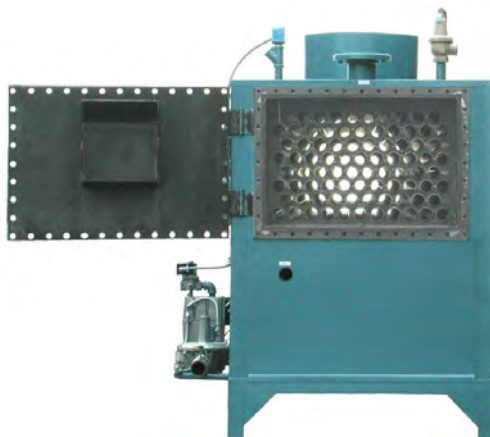
Sliding feet for tube expansion

Other key design advantages are:

- COMPLETE access to the boiler water sides for inspection, cleaning and repair.
- 25 year warranty against thermal shock and tube erosion.
- Available as either atmospheric or powered burner.
- Suitable for “type B” or “category I” venting.
- Multiple fuel options including; natural gas, LP gas, diesel fuel, waste fuel, digester and landfill gasses.

Meet any emission requirement.

- Our company grew up in the heart of the South Coast Air Quality District, we have been living low-NOx for over 30 years. We can meet any applicable regulated emission requirement.



COMPLETE access allows you to visually examine and clean your waterside including the tubes from end to end!

Hinged or davitted doors make access very convenient.

STEAM BOILERS



High pressure or Low pressure?

If the required steam pressure/temperature is 13psi/246°F or less you are looking at a low-pressure boiler. Anything above that requires a high-pressure steam boiler.

Type	Operating Pressure	Input Range MBtu/H	Output Range BHP
Low Pressure LP (15psi)	0-13.5 PSI	150 –12,500	4—300
High Pressure HP (150PSI)	10-147 PSI	398—10,500	9.5-250

We offer HP steam boilers from 9.5 BHP to 250 BHP. These are available in either atmospheric or power burner configuration.

We offer LP steam boilers from 4 BHP to 300 BHP. These are available in either atmospheric or power burner configuration.



HOT WATER BOILERS



Whether you are providing heat for an office building or an industrial process we have a solution for you. Rite Boilers offer hot water boilers from 7 BHP to 300 BHP. These are available in either simple atmospheric or power burner configurations. We build a boiler to fit almost any non-condensing application including high temperature applications up to 400°F.

Type	Efficiency	Input Range MBTu/H	Output Range MBTu/H	BHP
Atmospheric	80%	480—12,500	384—10,000	11-300
Power Burner	82%	480—12,500	384—10,250	11—300
Durafin	85%	300—10,000	255—8,500	7—250



The Durafin boiler is the perfect solution for projects that require high efficiency as well as a long lasting steel boiler. This one was built to meet the lowest emission requirements in North America.



We can provide many configurations including nat gas firing with fuel oil back for a low temperature return application such as this one. This is perfect solution for back up fuel in a hybrid boiler system.

CUSTOM SKID PACKAGES



Complete skidded hydronic system ready to plug and play!

We can build a skidded boiler system to your specifications or assist you with the engineering and design to meet your requirements.

Not all custom packages have to be on a skid. We can provide packages such as this domestic water heater mounted to a stock boiler complete with onboard controls.



Indoor installations or outdoor installations. If you can think of an application we have probably built a skid for it.



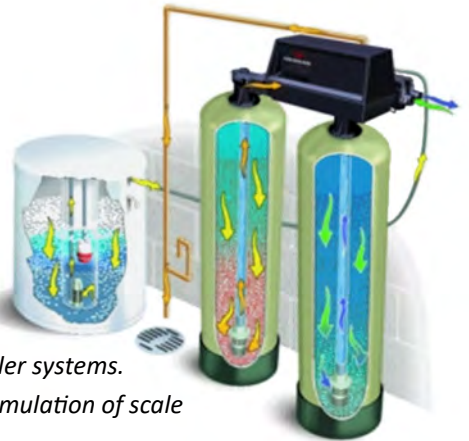
Complete outdoor steam system complete with water softener system

ACCESSORIES

Rite provides all of the accessories required by most boiler rooms. This equipment is available as a package with our boilers or as stand alone accessories.



Boiler feedwater sets with single or multiple pumps and controls. You have the option to configure these with any necessary appurtenances, including steam heaters, chemical injection quills and extra connection fittings.



Water softeners are a vital component to your steam boiler systems. They eliminate the rapid accumulation of scale seen with raw city water.



Proper water treatment is critical in long term care for your boilers. We can provide the equipment, chemicals and expertise to help you care for your boilers.



Often simpler is better we offer basic condensate collection/ feedwater set for smaller boiler applications.

We manufacture blowdown tanks for your boiler room. An ASME blowdown tank provides a safe reservoir for your boiler blowdown. They are available with cold water aftercoolers should your project require it.





Modular Hydronic Skid System with Pump and VSD

5832 Garfield Ave
Commerce, CA 90040
www.riteboiler.com
562-862-2135