

STEAMPAC™ RF BOILERS



With over 40 years of experience, Windsor Energy is a world class supplier of energy systems to a diverse range of industries and institutions. Windsor is renowned for delivering efficient and reliable thermal energy systems and continues to improve its product range with the latest technological developments. The revolutionary Steampac™ Reverse Flame (RF) boiler range integrates the best design features of package boiler product lines.

Steampac™ RF

The Steampac™ RF is a wet-back reverse flame (RF) three pass steam boiler designed to EN12953. Two effective flow passes within the combustion furnace tube, followed by a final pass through multiple tubes fitted with spiral retarders providing highly efficient heat transfer.

The design provides large steam and water storage, high efficiency and the ability to meet wide load demands. The wet back design also minimises heat transfer to the refractory and boiler shell. This compact design with high quality ancillaries offers robust and reliable performance.

Key Features

- Large front doors (hinged) for easy routine inspections
- Compact design ideal for limited space boiler houses
- Single or twin feedwater pumps (depending on boiler size)
- As standard fitted with state of the art Weishaupt burner, ARI valves and Gestra instruments
- Comprehensive e-boiler™ PLC-based control system complies with AS 2593 and the New Zealand Unattended Boiler Code
- Combustion chamber protective thermal cutout

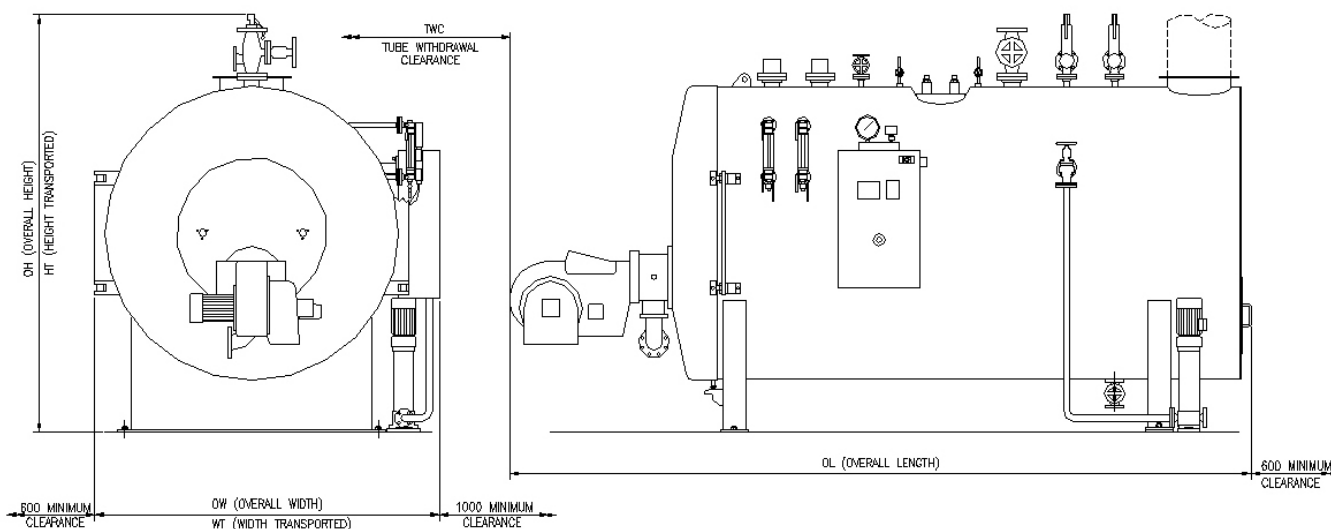
Four reasons to invest in Steampac™ RF

- Designed in New Zealand
- Thermally efficient Reverse Flame design for compact, long-lasting boilers
- Wide range of firing fuels (gas, light and heavy fuel oils) with dual fuel options
- Full after-sales support from Windsor Energy's nationwide service division in New Zealand

Accessories and Options

- [Optional] automatic continuous blowdown system for longer boiler life
- Feedwater tank (with steam heating and water level controls)
- Blowdown receiver
- Stack
- Access ladder and gallery
- Larger sizes and pressure options available up to 10MW and 17 barg (refer WB range)
- Complete boiler system installation, commissioning and training on site
- Specialist, technical service for maintenance, annual surveys and energy system expertise throughout New Zealand

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MODEL	Output kW	Rating kg/h	HT	WT	OL	OH	OW	TWC	# of Pumps	Main Stop NB	Safety Valve NB	Stack OD	Shipping Weight kg	Operating Weight kg
RF600	600	907	2430	1980	3645	2430	1980	995	1	80	1 x 25	355	4000	6100
RF1200	1200	1814	2500	1980	3745	2500	1980	995	1	80	2 x 32	355	4500	6300
RF1700	1700	2720	2820	2200	4470	2820	2200	1315	2	80	1 x 40	355	6100	9300
RF2300	2300	3628	2860	2325	5075	2860	2325	1575	2	100	1 x 40	455	7600	11900
RF2800	2800	4535	3040	2510	5415	3040	2510	1760	2	100	2 x 32	455	9700	15100
RF3600	3600	5443	3475	2630	6365	3475	2630	2100	2	125	2 x 32	595	11500	18000

Ratings refer to steam at 100°C being made from water at 100°C. Actual output depends on inlet water temperature and boiler operating pressure. Windsor Energy reserves the right to change dimensions without notice.

Why Windsor Energy?

As a trusted provider of energy plant and services in New Zealand and around the world, Windsor Energy offers the following advantages:

- Extensive installed base of heat plants in a range of industries.
- Modular plant package, optimised for long-distance transport of components, and efficient, safe assembly at destination.
- Innovative plant design for high efficiency, simple operation, high availability and low overall cost of ownership.

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