

SIMONS**BOILER Co.**

ELECTRIC STEAM BOILERS

SB SERIES 3.6kW - 42kW

Designed to Australian Standards

All Simons Boilers are designed to **Australian Standard No. 1228**. The electric Steam Boiler is widely accepted as the most preferred type of boiler to satisfy a demand for steam up to 400 – 500kW (40 – 50 hp) where a simple, maintenance free and economical installation is required.

Features

- **Capacity** - up to 42 kilowatts (4.2 hp).
- **Electric elements** - side entry individually flanged and bolted to provide quick and simple replacement at minimum cost.
- **Fully packaged** - with feed water pump mounted to boiler cabinet, all integrally piped and wired, pretested ready for connection to services.
- **Restyled cabinets** - with panels to provide ready access to all working components.
- **Working pressures** to 725kPa (105 P.S.I.G) Higher pressures available on request.
- **Approved** in all states of Australia and many other countries.

Advantages

- No Boiler attendant required.
- Simple installation requires only connection of water and electricity.
- Can be installed adjacent to steam appliance in workplace.
- Negligible heat generated to surrounding area.
- Simple to operate and maintain – no sophisticated burner / ignition / draft controls.
- All spare parts available ex stock.
- Fully qualified after sales service.
- Comprehensive operating and maintenance instruction, wiring and piping diagrams accompany each boiler.
- **Supported by a sales and service network throughout Australia, Asia and the Middle East.**



SB 3S SERIES
20 TO 42 KILOWATTS



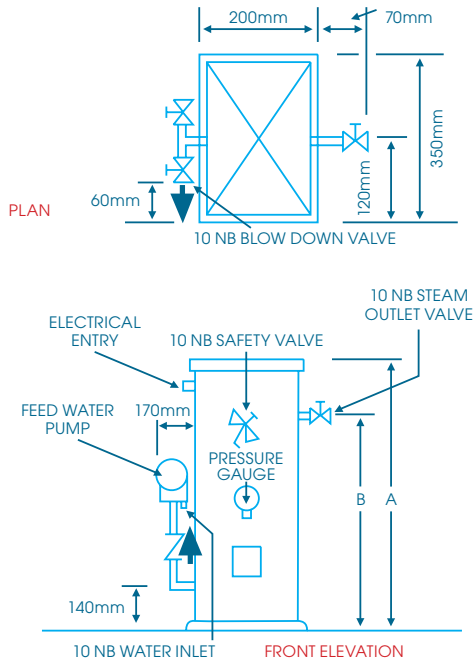
SB 2S SERIES
3.6 TO 14 KILOWATTS

Applications

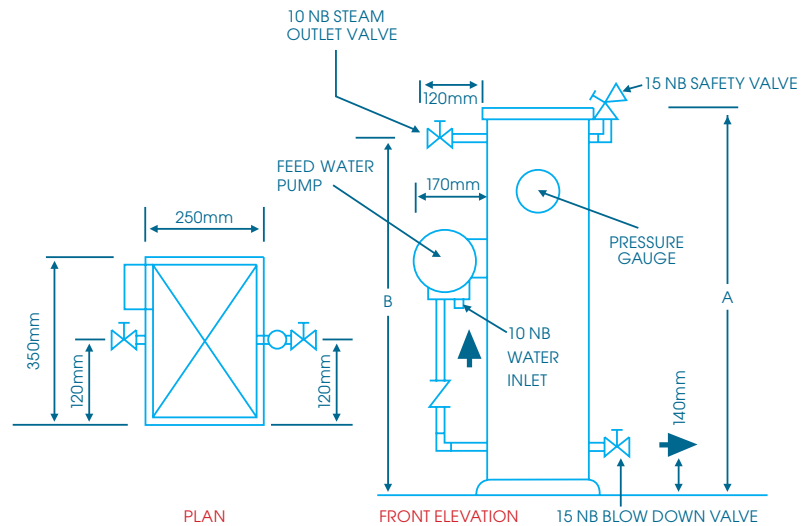
- Hospital Sterilisers.
- Autoclaves.
- Laundries.
- Dry cleaners.
- Industrial process heating.
- Steam jacketed pans for heating food, pharmaceutical, cosmetic and chemical products etc.
- Humidification to air conditioning systems for humidity control
- Steam injection to bakery and pastry ovens, dairies, tool steel, cable making etc.
- University research, teaching and development applications.
- Horticultural soil sterilising.
- Apiaries.
- Steam rooms.
- Tyre retreading equipment.

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SB 2S SERIES



SB 3S SERIES



BOLLER MODEL	ELECTRIC CAPACITY kW	BOLLER HORSEPOWER	STEAM CAPACITY kg/hr FROM AND AT 100°C	STEAM CAPACITY kg/hr AT 690 kPa	HEAT UP TIME FROM COLD START - MINUTES	WATER CONTENT LITRES	AMPS/PHASE 240/1/50 - 415/3/50	NO. OF PHASES	NO. OF ELEMENTS	FEED WATER PUMP MOTOR - kW	OPERATING WEIGHT kg	SHIPPING WEIGHT kg	SHIPPING VOLUME M ³	DIMENSIONS	A	B
SB 2S Series																
S.B.2s/15	3.6	0.36	5.7	4.8	17	6	15	1	1	0.25	60	75	0.28	mm	640	485
S.B.2s/19	4.5	0.45	7.2	6.0	14	6	19	1	1	0.25	60	75	0.28	mm	640	485
S.B.2s/28	6.7	0.67	10.7	9.0	10	6	14	2	1	0.25	60	75	0.28	mm	640	485
S.B.2s/33	8.0	0.8	12.7	10.7	8	6	17	2	1	0.25	60	75	0.28	mm	640	485
S.B.2s/44	10.0	1.0	15.9	13.4	6	6	14	3	1	0.25	60	75	0.28	mm	640	485
S.B.2s/60	14.0	1.4	22.3	18.8	4	6	20	3	1	0.25	60	75	0.28	mm	640	485
SB 3S Series																
S.B.3s/84	20.0	2.0	32.0	26.9	8	15	28	3	3	0.25	95	140	0.42	mm	950	860
S.B.3s/100	24.0	2.4	38.2	32.1	7	15	33	3	3	0.25	95	140	0.42	mm	950	860
S.B.3s/125	30.0	3.0	47.7	40.1	6	15	42	3	3	0.25	95	140	0.42	mm	950	860
S.B.3s/175	42.0	4.2	66.8	56.1	4	15	58	3	3	0.25	95	140	0.42	mm	950	860

Australian family owned company since 1932

Sold in over 30 countries around the world

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