

ELECTRIC STEAM BOILERS

SB SERIES 3.6kW - 30kW

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 h.p.) with pressures to 725 kPa, where a simple, maintenance free and economical installation is required.

FEATURES

- **Capacity** - up to 30 kilowatts (3 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 725k Pa (105 P.S.I.G) higher pressures available.
- **Approved** in all states of Australia.

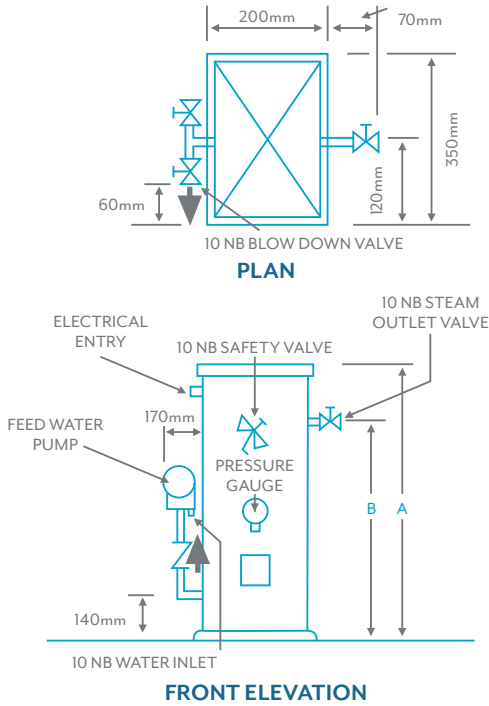
ADVANTAGES

- No Boiler attendant required
- Simple installation requires only connection of water and electricity
- No Flue – No Fire – No Risk of explosion – No fumes or smell
- 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

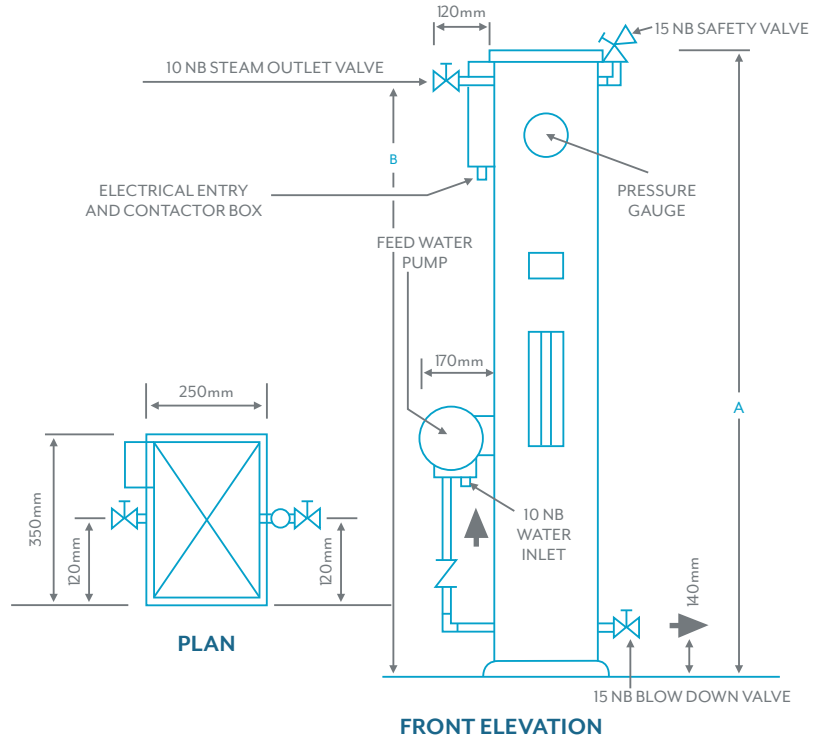
APPLICATIONS

- Hospital Sterilizers
- 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

SB 2S SERIES



SB 3S SERIES



BOILER MODEL	ELECTRIC CAPACITY KW	BOILER 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 240V/1/50 - 4/15/3/50	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	5.6	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	6.0	14	6	19	1	1	0.25	60	75	0.28	mm	640 485
S.B.2s/28	6.7	0.67	10.4	9.0	10	6	14	2	1	0.25	60	75	0.28	mm	640 485
S.B.2s/33	8.0	0.8	12.4	10.7	8	6	17	2	1	0.25	60	75	0.28	mm	640 485
S.B.2s/44	10.0	1.0	15.5	13.4	6	6	14	3	1	0.25	60	75	0.28	mm	640 485
SB 3S Series															
S.B.3s/84	20.0	2.0	31	26.9	8	15	28	3	3	0.25	95	140	0.42	mm	950 860
S.B.3s/100	24.0	2.4	37	32.1	7	15	33	3	3	0.25	95	140	0.42	mm	950 860
S.B.3s/125	30.0	3.0	46.5	40.1	6	15	42	3	3	0.25	95	140	0.42	mm	950 860

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