

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



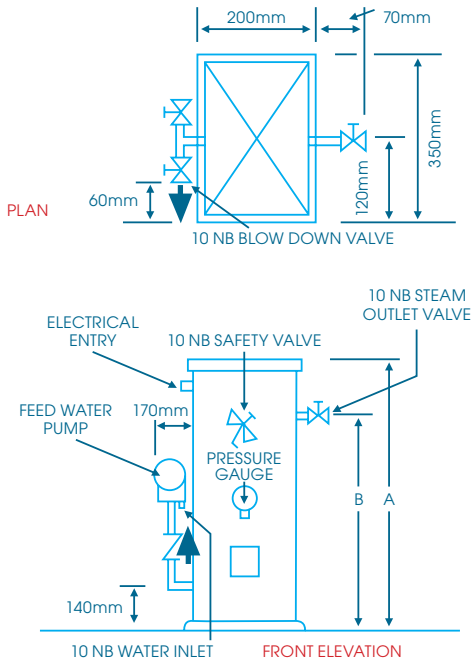
SB 2S SERIES
3.6 TO 14 KILOWATTS

Applications

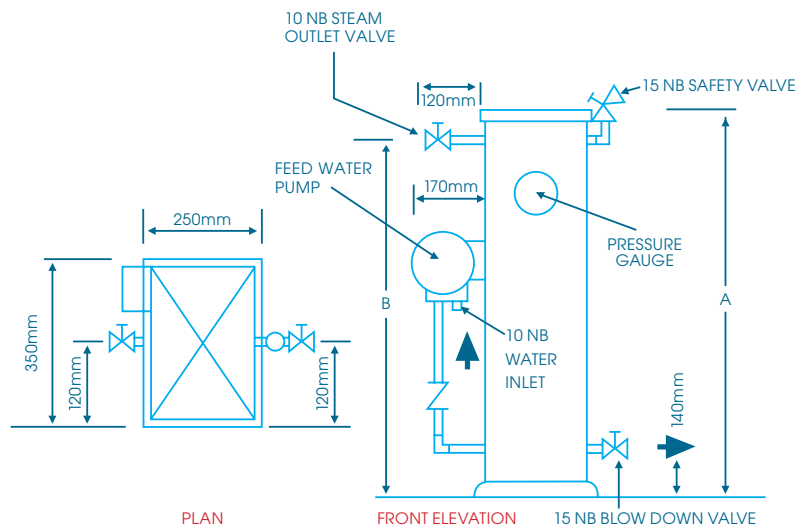
- Hospital Sterilisers.
- Autoclaves.
- Laundries.
- Dry cleaners.
- Industrial process heating.
- Steam jacketed pans for heating food, pharmaceutical, cosmetic and chemical products etc.
- Humidification to air conditioning systems for humidity control
- Steam injection to bakery and pastry ovens,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

SIMONS**BOILER Co.**

SB 2S SERIES



SB 3S SERIES



BOILER MODEL	ELECTRIC CAPACITY kW		BOILER HORSEPOWER	STEAM CAPACITY kg/hr FROM COLD START - MINUTES		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

DISTRIBUTED BY

SYDNEY Head Office

755 Botany Road
Rosebery 2018 NSW Australia
Phone: (61 2) 8338 8660
Fax: (61 2) 8338 8661
Email: info@simonsboiler.com.au

MELBOURNE

34 Strong Avenue
Thomastown 3074 VIC Australia
Phone: (61 3) 9462 6700
Fax: (61 3) 9462 6711
Email: info@simonsboiler.com.au

SIMONS
BOILER Co.