



## JOHN THOMPSON ELECTROPAC™

LV Electrode Boiler



# ACTOM

An **ALSTOM** technology partner

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### Features

- The Electropac is a vertical type shell boiler, with top-mounted electrodes, suitable for a low voltage supply and a working pressure of 1 000 kPa
- Designed and manufactured in accordance with BS1894 – 1992
- Design pressure 1 100 kPa
- Thermal efficiency 99%
- Total package incorporates a feedwater pump, controls and all necessary valves and fittings

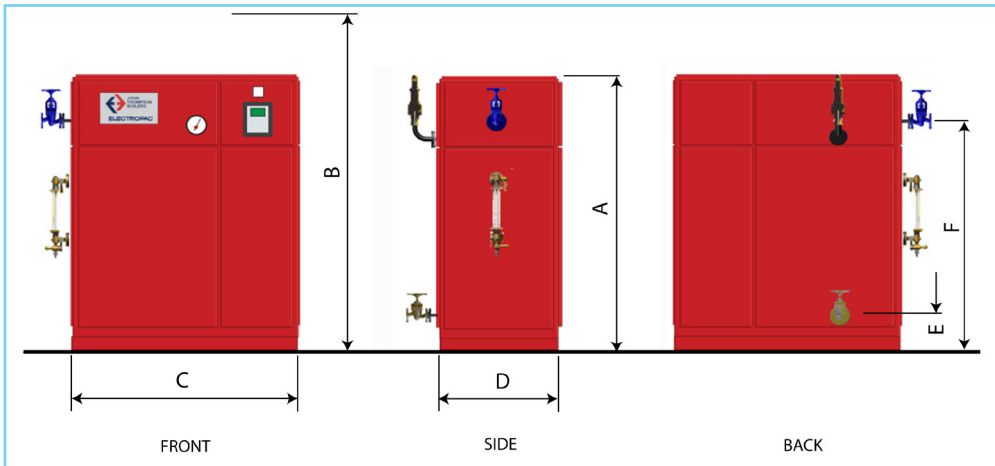
- Robust design and construction for long life
- Quality system is third-party audited to SANS 9001 : 2000 and boilers are certified by an approved Inspection Authority before despatch

### Advantages

- Full steam pressure within ten minutes
- Fully automatic
- Microprocessor technology
- No pollution

### Optional Extras

- Feedwater tank
- Blowdown vessel
- Automatic conductivity control
- No-volt solenoid.



### Notes

1. All dimensions, masses and fuel consumption are approximate based upon a boiler pressure of 1 000 kPa
2. Full range of support services are available from our regional offices
3. Whilst all information is given in good faith, it should be confirmed before establishing any contractual commitment.

Boiler Model Number		THE	80	150	300	500	1 000	2 000
Boiler Rating At 525 V, 3 phase		kW	72	135	270	450	900	1 800
Evaporation:	From & at 100°C	kg/h	115	215	431	718	1 436	2 872
	At 1000 kPa, feedwater 20°C	kg/h	96	180	361	601	1 202	2 404
Boiler Rating At 400 V, 3 phase		kW	55	103	206	343	686	1 372
Evaporation:	From & at 100°C	kg/h	88	164	328	547	1 094	2 188
	At 1000 kPa, feedwater 20°C	kg/h	74	137	275	458	916	1 831
Height	A	mm	1 385	1 700	1 740	2 170	2 270	2 630
Min Roof Clearance	B	mm	2 080	2 400	2 740	3 450	3 900	4 100
Width	C	mm	1 150	1 300	1 445	1 640	1 840	1 960
Depth	D	mm	550	610	745	840	950	1 150
Blowdown	E	mm	170	170	180	200	200	200
Steam Outlet	F	mm	1 055	1 290	1 390	1 595	1 700	1 980
Main Steam Valve Diameter		mm	20	25	32	50	80	80
Safety Valve Exhaust Diameter		mm	15	20	25	32	80	80
Bleed-off Valve Diameter		mm	15	15	15	15	15	15
Blowdown Valve Diameter		mm	40	40	40	40	40	40
Mass:	Empty	kg	230	330	520	780	1 200	1 800
	Operating	kg	350	460	690	1 000	1 600	2 300