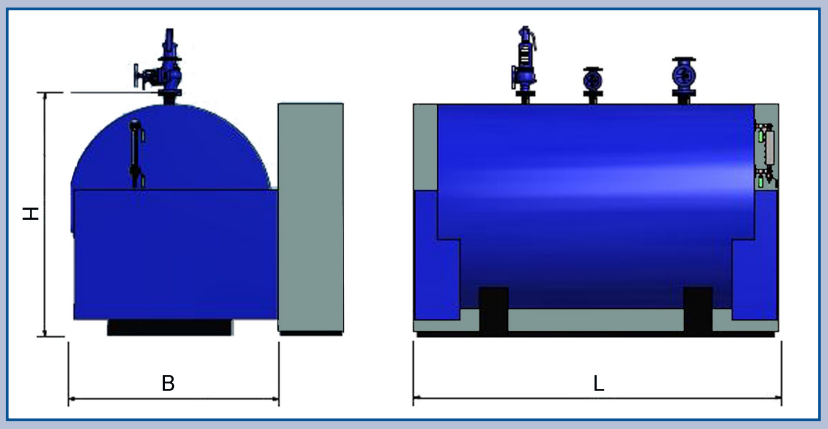
Low voltage element electric boiler

Capacity from 400 kW t0 3.600 kW, alternative steam rating from 600 kg/h to 5.400 kg/h

The global surplus electricity production from solar and wind energy offers financial benefits when supplementing the heating supply with electric boilers in district heating plants and industrial applications.

Quite often, district heating plants can substitute the use of fossil fuels by leaving it instead to an electric boiler to generate heat for the plant's accumulation tank when the price of electricity is low. This implies a more environmentally compatible operation and reduced vulnerability to energy price fluctuations.



Industrial companies have similar opportunities of supplementing or replacing hot water, high-temperature hot water and steam boilers with electric boilers. Analyses of the costs and benefits involved have demonstrated that electric boilers are extremely competitive and will improve the CO_2 accounts.

In terms of installation, operation and maintenance alike, they are usually more economical than conventional boilers, as no chimney is needed and the mechanical wear is minimized.

Heat capacity	Steam rating*	Total vol.	L	B	H	Steam valve	Feed valve	Drain valve	Safety valve	Transport weight	Cabinet height	Cabinet lenght
kW	kg/h	m³	mm	mm	mm	DN	DN	DN	DN	kg	mm	mm
400	600	1,14	1600	1400	1790	40	25	32	25	1900	1950	1600
600	900	1,14	1600	1400	1790	50	25	32	25	1900	1950	1800
800	1200	1,95	2800	1400	1790	50	25	32	25	2700	1950	2000
1000	1500	1,95	2800	1400	1790	65	32	32	25	2700	1950	2500
1200	1800	1,95	2800	1400	1790	65	32	32	25	2700	1950	2500
1600	2400	3,15	2800	1700	2090	65	32	32	32	3300	1950	2500
2000	3000	3,15	2800	1700	2090	80	32	32	32	3300	1950	2800
2400	3600	3,15	2800	1700	2090	80	32	32	40	3300	1950	2800
2800	4200	4,38	2800	1950	2340	100	32	32	40	3800	1950	3000
3200	4800	4,38	2800	1950	2340	100	32	32	50	3800	1950	3200
3600	5400	5,81	2800	2200	2590	125	32	32	50	4100	1950	3500

* at 100°C Feedwater

The manufacture reserves the right to make alterations.

Type:

Low or high pressure hot water or steam boiler.

Low voltage element electric boiler.

Power:

400 V or 690 V supply.

danstoker

www.danstoker.dk

11-2017