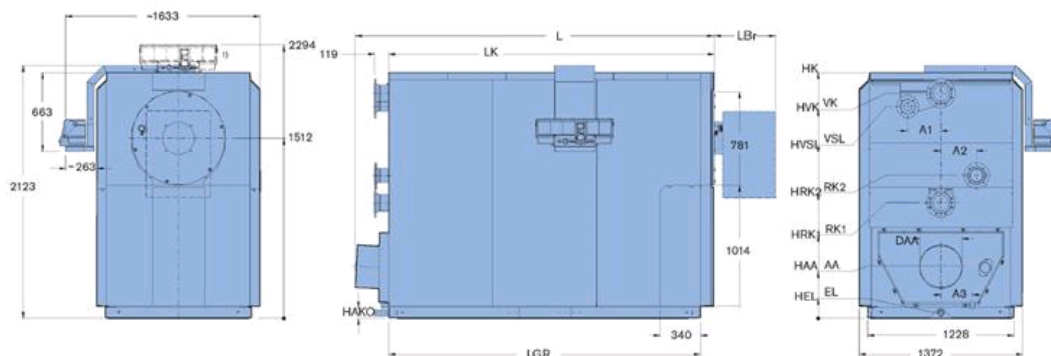


## [SB 735 1200kW]

### Dimensions



Parameter	Value
Length, L	3016mm
Length, L <sub>K</sub>	2733mm
Width, B	1372mm
Width for access	1170mm
Height max incl controls, H <sub>K</sub>	2063 + 40mm*
Net weight	2204kg
Base frame, B <sub>GR</sub>	1170mm
Base frame, L <sub>GR</sub>	2300mm
Flue gas connection, H <sub>AA</sub>	438 + 40DN*
Flue gas connection, — D <sub>AA</sub> (internal)	353mm
Combustion chamber, Length	2200mm
Combustion chamber, —	688mm
Burner door, Depth	210mm
Burner door, H <sub>BR</sub>	1512 + 40mm*
Boiler flow connection, — VK	125DN
Boiler flow connection, H <sub>VK</sub>	1889 + 40mm*
Boiler return connection, — RK1	125DN
Boiler return connection, H <sub>RK1</sub>	970 + 40mm*
Boiler return connection, — RK2	100DN
Boiler return connection, H <sub>RK2</sub>	1200 + 40mm*
Boiler return connection, A <sub>2</sub>	278mm
Safety outlet from the heat exchanger, — VSL	65DN
Safety outlet from the heat exchanger, H <sub>VSL</sub>	1778 + 40mm*
Safety outlet from the heat exchanger, A <sub>1</sub>	278mm
Condensate drain, — AKO	40DN
Condensate drain, H <sub>AKG</sub>	86 + 40mm*
Condensate drain, A <sub>3</sub>	264mm
Drain, — EL	R 1—"
Drain, H <sub>EL</sub>	45mm

\* 40mm for sound absorbing base

### Technical Parameters

Parameter	Value
Output	1200kW
Nominal heat output at 75/60 ♦C, Full load	1098kW
Nominal heat output at 75/60 ♦C, Part load	480kW
Nominal heat output at 40/30 ♦C, Full load	1200kW
Nominal heat output at 40/30 ♦C, Part load	494kW
Max working pressure	5.5bar
Max flow temperature	120♦C
Water content	2530l
Pressure at flue outlet	50Pa
Flue gas resistance	6.4bar
Gas content	1410l
Type approval number	D6-223-769
CE certification, product ID no.	CE-0085 AU 0452

Efficiency (NCV)	109%
Flue gas temperature, at 40/30 ◊C Full Load	35◊C
Flue gas temperature, at 40/30 ◊C Part load	30◊C
Flue gas temperature, at 75/60 ◊C Full load	64◊C
Flue gas temperature, at 75/60 ◊C Part load	40◊C
Flue gas mass flow rate, at 40/30 ◊C Full load	0.489kg/s
Flue gas mass flow rate, at 40/30 ◊C Part load	0.186kg/s
Flue gas mass flow rate, at 75/60 ◊C Full load	0.487kg/s
Flue gas mass flow rate, at 75/60 ◊C Part load	0.195kg/s
CO <sub>2</sub> content	10%
Rated heat input at 40/30 ◊C, Full load	1132.1kW
Rated heat input at 40/30 ◊C, Part load	339.6kW
Rated heat input at 75/60 ◊C, Full load	1132.1kW
Rated heat input at 75/60 ◊C, Part load	339.6kW