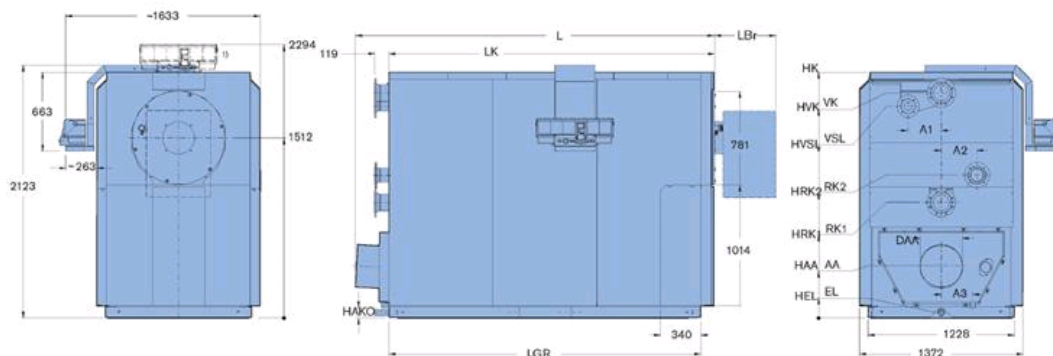


[SB 735 970kW]

Dimensions



Parameter	Value
Length, L	3018mm
Length, L _K	2748mm
Width, B	1372mm
Width for access	1120mm
Height max incl controls, H _K	2063mm
Net weight	2170kg
Base frame, B _{GR}	1120mm
Base frame, L _{GR}	2300mm
Flue gas connection, H _{AA}	484DN
Flue gas connection, \diamond D _{AA} (internal)	353mm
Combustion chamber, Length	2000mm
Combustion chamber, \diamond	688mm
Burner door, Depth	210mm
Burner door, H _{BR}	1477mm
Boiler flow connection, \diamond VK	125DN
Boiler flow connection, H _{VK}	1860mm
Boiler return connection, \diamond RK1	125DN
Boiler return connection, H _{RK1}	928mm
Boiler return connection, \diamond RK2	100DN
Boiler return connection, H _{RK2}	1193mm
Boiler return connection, A ₂	300mm
Safety outlet from the heat exchanger, \diamond VSL	65DN
Safety outlet from the heat exchanger, H _{VSL}	1706mm
Safety outlet from the heat exchanger, A ₁	276mm
Condensate drain, \diamond AKO	40DN
Condensate drain, H _{AKG}	167mm
Condensate drain, A ₃	229mm
Drain, \diamond EL	R 1 \diamond "
Drain, H _{EL}	40mm

Technical Parameters

Parameter	Value
Output	970kW
Nominal heat output at 75/60 \diamond C, Full load	888kW
Nominal heat output at 75/60 \diamond C, Part load	389kW
Nominal heat output at 40/30 \diamond C, Full load	970kW
Nominal heat output at 40/30 \diamond C, Part load	400kW
Max working pressure	5.5bar
Max flow temperature	120 \diamond C
Water content	2500l
Pressure at flue outlet	50Pa
Flue gas resistance	5.7mbar
Gas content	1204l
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	34◊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	0.395kg/s
Flue gas mass flow rate, at 40/30 ◊C Part load	0.15kg/s
Flue gas mass flow rate, at 75/60 ◊C Full load	0.394kg/s
Flue gas mass flow rate, at 75/60 ◊C Part load	0.158kg/s
CO ₂ content	10%
Rated heat input at 40/30 ◊C, Full load	898.1kW
Rated heat input at 40/30 ◊C, Part load	269.4kW
Rated heat input at 75/60 ◊C, Full load	898.1kW
Rated heat input at 75/60 ◊C, Part load	269.4kW