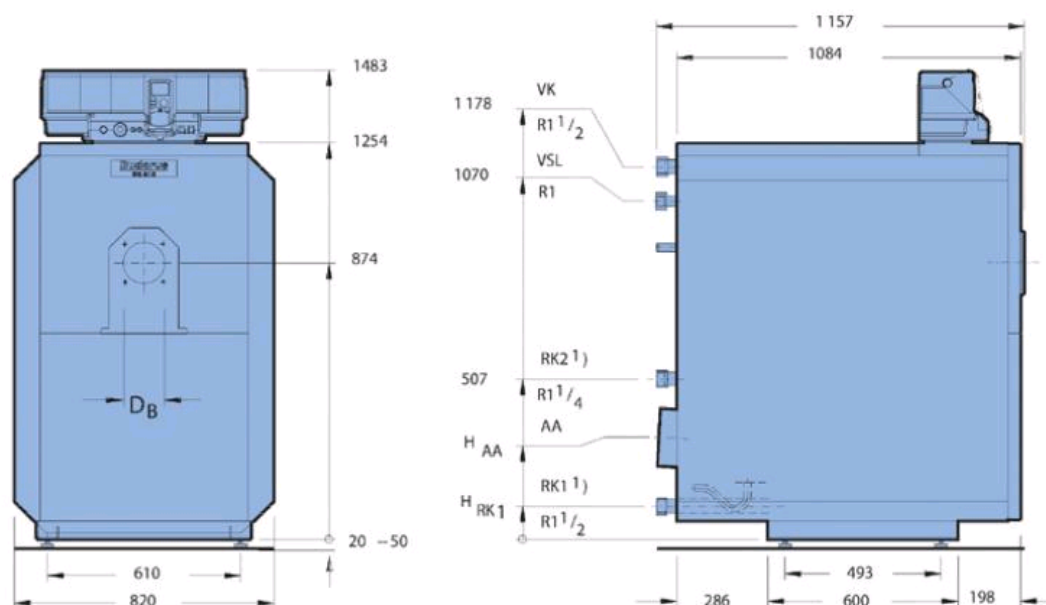


## [SB 315 90kW]

### Dimensions



Parameter	Value
Length (without burner)	1157mm
Width	820mm
Width for access	680mm
Height max with controls	1503mm
Height	1254mm
Weight	314kg
Flue gas connection, $\diamond$ DAA (internal)	183DN
Flue gas connection, HAA	317mm
Combustion chamber, Length	890mm
Combustion chamber, $\diamond$	360mm
Burner door, Depth	70mm
Burner door, $\diamond$ D <sub>B</sub>	130mm
Burner door, $\diamond$ D <sub>LK</sub>	170/M8mm
Boiler return, H <sub>RK1</sub>	106mm
Condensate drain, H <sub>AKG</sub>	163mm

### Technical Parameters

Parameter	Value
Output	90kW
Nominal heat output at 75/60 $\diamond$ C, Full load	81.8kW
Nominal heat output at 75/60 $\diamond$ C, Part load	35.8kW
Nominal heat output at 40/30 $\diamond$ C, Full load	90kW
Nominal heat output at 40/30 $\diamond$ C, Part load	36.6kW
Max working pressure	4bar
Max flow temperature	120 $\diamond$ C
Rated heat input	33.6kW - 83.9kW
Water content	250l
Pressure at flue outlet	50Pa
Flue gas resistance	0.59mbar
Gas content	138l
CE certification, product ID no.	CE-0085 AT 0074
Type approval no.	06-223-706
Efficiency (NCV)	109%
Flue gas temperature, at 40/30 $\diamond$ C Full Load	43 $\diamond$ C
Flue gas temperature, at 40/30 $\diamond$ C Part load	28 $\diamond$ C
Flue gas temperature, at 75/60 $\diamond$ C Full load	70 $\diamond$ C
Flue gas temperature, at 75/60 $\diamond$ C Part load	39 $\diamond$ C
Flue gas mass flow rate, at 40/30 $\diamond$ C Full load	0.0344kg/s
Flue gas mass flow rate, at 40/30 $\diamond$ C Part load	0.0133kg/s

Flue gas mass flow rate, at 75/60 °C Part load	0.0133kg/s
Flue gas mass flow rate, at 75/60 °C Full load	0.0357kg/s
Flue gas mass flow rate, at 75/60 °C Part load	0.0143kg/s
CO <sub>2</sub> content	10%