



# KWB Classicfire 1

Product specification sheet in accordance with EU Regulation 2015/1187 and 2015/1189

The required buffer volume for the boiler must be determined based on KWB planning documentation. All boilers already have integrated temperature controls, so every product is a “package”.

CF1	UNIT	15	20
Stoking mode		manual	
Share of partial load in relation to nominal load (30%/50%)	%	-	
Temperature control integrated in the boiler (yes/no)		Yes	
Temperature control class		VI	
Contribution of the temperature control to the energy efficiency index of the package	%	4	
Factor II (Weighting primary solid fuel boiler and additional heating device)		0	
Value for III (294/(11*Pr))		1,78	1,34
Value for IV (115/(11*Pr))		0,70	0,52
Condensing boiler		No	
Combination boiler for hot water and heating		No	
Solid Fuel cogeneration boiler		No	
<b>Preferred fuel</b>		<b>Log Wood</b>	
Energy efficiency class		A+	A+
Rated power	kW	15	20
Partial load	kW	-	-
Energy efficiency index - boiler		117	117
Seasonal space heating energy efficiency in active mode	%	79	79
Energy efficiency class - integration with heating circuit control		A+	A+
Energy efficiency index - integration with heating circuit control		121	121
Boiler efficiency at rated power (NCV* / GCV**)	%	92,6 / 83,3	92,3 / 83,0
Boiler efficiency at partial load (NCV* / GCV**)	%	-	-
Auxiliary power consumption at nominal heat output	kW	0,046	0,047
Auxiliary power consumption at partial load	kW	-	-
Auxiliary power consumption at standby	kW	0,0083	0,0083
Seasonal space heating emissions*** - PM	mg/m <sup>3</sup> (10% O <sub>2</sub> )	11	12
Seasonal space heating emissions*** - OGC	mg/m <sup>3</sup> (10% O <sub>2</sub> )	6	7
Seasonal space heating emissions*** - CO	mg/m <sup>3</sup> (10% O <sub>2</sub> )	46	39
Seasonal space heating emissions*** - Nox	mg/m <sup>3</sup> (10% O <sub>2</sub> )	152	143

**Precautions: Assembly and installation have to be carried out only by qualified personnel. The instructions are to be followed.**

#### Intellectual Property

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