



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 an "integrated system".

CF1	UNIT	CF1 15 KW	CF1 20 KW
Stoking mode (manual/automatic)		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 (yes/no)		no	
Combination boiler for hot water and heating (yes/no)		no	
Solid Fuel cogeneration boiler		no	
Preferred fuel		Log wood, Water content < 25 %	
Rated power	kW	15	20
Partial load	kW	-	-
Boiler efficiency at rated power (NCV* / GCV**)	%	92,5 / 83,7	92,0 / 83,3
Boiler efficiency at partial load (NCV* / GCV**)	%	-	-
Electrical power consumption at maximum output	kW	0.0370	0.0420
Electrical power consumption at partial output	kW	0.0360	0.0360
Electrical power consumption at standby	kW	0.0090	0.0090
EU energy label		A+	A+
Energy efficiency index - boiler		116.0	115.0
EU energy label - integration with heating circuit control		A+	A+
Energy efficiency index - integration with heating circuit control		120.0	119.0
Seasonal space heating energy efficiency in active mode	%	78.0	78.0
Seasonal space heating emissions - PM	mg/m ³ (10 % O ₂)	< 60	< 60
Seasonal space heating emissions - OGC	mg/m ³ (10 % O ₂)	< 30	< 30
Seasonal space heating emissions - CO	mg/m ³ (10 % O ₂)	< 700	< 700
Seasonal space heating emissions - NOx	mg/m ³ (10 % O ₂)	< 200	< 200

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