



KWB Easyfire 1 / KWB Easyfire 1 Plus

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

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".

USP V/GS	UNIT	10	15	20
Stoking mode		automatic		
Share of partial load in relation to nominal load (30%/50%)	%	30		
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))		2,57	1,78	1,34
Value for IV (115/(11*Pr))		1,01	0,70	0,52
Condensing boiler		No		
Combination boiler for hot water and heating		No		
Solid Fuel cogeneration boiler		No		
Preferred fuel		Wood Pellets		
Energy efficiency class		A+	A+	A+
Rated power	kW	10,4	15	20
Partial load	kW	3,1	4,5	5,6
Usable heat output at partial load	kW	3,1	4,5	5,6
Energy efficiency index - boiler		116	116	116
Seasonal space heating energy efficiency in active mode	%	78	79	79
Energy efficiency class - integration with heating circuit control		A+	A+	A+
Energy efficiency index - integration with heating circuit control		120	120	120
Boiler efficiency at rated power (NCV* / GCV**)	%	91,0 / 84,1	91,7 / 84,7	92,5 / 85,5
Boiler efficiency at partial load (NCV* / GCV**)	%	90,7 / 83,8	90,4 / 83,5	90,1 / 83,3
Auxiliary power consumption at nominal heat output	kW	0,060	0,073	0,087
Auxiliary power consumption at partial load	kW	0,036	0,038	0,041
Auxiliary power consumption at standby	kW	0,0077	0,0077	0,0077
Seasonal space heating emissions*** - PM	mg/m ³ (10 % O ₂)	20	22	23
Seasonal space heating emissions*** - OGC	mg/m ³ (10 % O ₂)	4	3	1
Seasonal space heating emissions*** - CO	mg/m ³ (10 % O ₂)	178	127	75
Seasonal space heating emissions*** - Nox	mg/m ³ (10 % O ₂)	166	144	123

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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