



KWB Easyfire 2

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".

EF2 S / EF2 GS / EF2 V	UNIT	EF2 8 KW	EF2 12 KW	EF2 15 KW	EF2 22 KW	EF2 25 KW	EF2 30 KW	EF2 35 KW	EF2 38 KW
Fuel supply (manual/automatic)		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 integrated system	%	4							
Factor II (Weighting primary solid fuel boiler and additional heating device)		0							
Value for III (294/(11*Pr))		3.34	2.23	1.78	1.21	1.07	0.89	0.77	0.70
Value for IV (115/(11*Pr))		1.31	0.87	0.70	0.48	0.42	0.35	0.30	0.28
Calorific value use (yes/no)		no							
Combi-boiler for hot water and heating (yes/no)		no							
Cogeneration		no							
Preferred fuel		Wood pellets							
Rated power	kW	8	12	15	22	25	30	34.9	38
Partial load	kW	2.4	3.5	4.4	6.4	7.3	8.7	10.1	11.4
Boiler efficiency at rated power	%	92.4	94.0	94.3	95.0	95.2	95.4	95.7	95.3
Boiler efficiency at partial load	%	91.4	89.4	90.0	91.5	92.4	93.8	95.3	94.9
Electrical power consumption at maximum output	kW	0.0600	0.0660	0.0716	0.0830	0.0900	0.1016	0.1085	0.1150
Electrical power consumption at partial output	kW	0.0460	0.0480	0.0483	0.0490	0.0524	0.0580	0.0613	0.0620
Electrical power consumption at standby	kW	0.0095	0.0095	0.0095	0.0096	0.0096	0.0096	0.0096	0.1010
EU energy label		A+	A+	A+	A+	A+	A+	A+	A+
Energy efficiency index – boiler		113.0	113.0	116.0	117.0	118.0	118.0	119.0	121.0
EU energy label – integration with heating circuit control		A+	A+	A+	A+	A+	A+	A+	A+
Energy efficiency index – integration with heating circuit control		117.0	117.0	120.0	121.0	122.0	122.0	123.0	125.0
Room heating annual degree of efficiency	%	75.0	76.0	78.0	79.0	80.0	80.0	80.0	82.0
Room heating annual emissions – dust	mg/m ³ (10 % O ₂)	<40	<40	<40	<40	<40	<40	<40	<40
Room heating annual emissions – OGC	mg/m ³ (10 % O ₂)	<20	<20	<20	<20	<20	<20	<20	<20
Room heating annual emissions – CO	mg/m ³ (10 % O ₂)	<500	<500	<500	<500	<500	<500	<500	<500
Room heating annual emissions – NOX	mg/m ³ (10 % O ₂)	<200	<200	<200	<200	<200	<200	<200	<200

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