



KWB Easyfire

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".

EF2 S / EF2 GS / EF2 V	UNIT	8	12	15	22	25	30	35	38
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))		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
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+	A+	A+	A+	A+	A+
Rated power	kW	8	12	15	22	25	30	35	38
Partial load	kW	2,4	3,6	4,5	6,6	7,5	9,0	10,5	11,4
Usable heat output at partial load	kW	2,4	3,3	4,2	6,2	7,1	8,7	10,2	10,4
Energy efficiency index - boiler		115	116	118	121	121	121	121	123
Seasonal space heating energy efficiency in active mode	%	77	78	80	82	82	82	82	83
Energy efficiency class - integration with heating circuit control		A+	A+	A+	A++	A++	A++	A++	A++
Energy efficiency index - integration with heating circuit control		119	120	122	125	125	125	125	127
Boiler efficiency at rated power (NCV* / GCV**)	%	92,4 / 85,2	93,6 / 86,1	93,9 / 86,4	94,6 / 87,0	94,8 / 87,1	95,2 / 87,3	95,6 / 87,5	95,3 / 88,0
Boiler efficiency at partial load (NCV* / GCV**)	%	91,4 / 84,2	90,7 / 83,4	91,6 / 84,2	93,8 / 86,2	93,9 / 86,2	94,1 / 86,3	94,3 / 86,3	94,9 / 87,6
Auxiliary power consumption at nominal heat output	kW	0,060	0,059	0,065	0,078	0,085	0,097	0,109	0,115
Auxiliary power consumption at partial load	kW	0,046	0,041	0,043	0,046	0,049	0,055	0,060	0,062
Auxiliary power consumption at standby	kW	0,0095	0,0030	0,0030	0,0030	0,0030	0,0030	0,0030	0,0099
Seasonal space heating emissions*** - PM	mg/m ³ (10% O ₂)	14	6	6	6	5	4	4	11
Seasonal space heating emissions*** - OGC	mg/m ³ (10% O ₂)	1	4	3	1	1	1	1	2
Seasonal space heating emissions*** - CO	mg/m ³ (10% O ₂)	91	114	84	14	16	20	24	20
Seasonal space heating emissions*** - Nox	mg/m ³ (10% O ₂)	99	102	110	129	131	135	139	152

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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