



KWB Classicfire / KWB Combifire

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".

CF1.5 / CF2	UNIT	CF1.5 18	CF1.5 28	CF1.5 32	CF1.5 38	CF2 18	CF2 28	CF2 32	CF2 38
Stoking mode		manual							
Share of partial load in relation to nominal load (30%/50%)	%	-	50	50	50	-	50	50	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))		1,46	0,93	0,84	0,70	1,46	0,93	0,84	0,70
Value for IV (115/(11*Pr))		0,57	0,37	0,33	0,28	0,57	0,37	0,33	0,28
Condensing boiler		No							
Combination boiler for hot water and heating		No							
Solid Fuel cogeneration boiler		No							
Preferred fuel		Log Wood							
Energy efficiency class		A+	A+	A+	A+	A+	A+	A+	A+
Rated power	kW	18,3	28,6	31,9	38	18,3	28,6	31,9	38
Partial load	kW	-	14,3	14,2	14,2	-	14,3	14,2	14,2
Energy efficiency index - boiler		119	118	117	117	119	118	117	117
Seasonal space heating energy efficiency in active mode	%	81	80	80	80	81	80	80	80
Energy efficiency class - integration with heating circuit control		A+	A+	A+	A+	A+	A+	A+	A+
Energy efficiency index - integration with heating circuit control		123	122	121	121	123	122	121	121
Boiler efficiency at rated power (NCV* / GCV**)	%	93,4 / 84,9	92,4 / 83,5	92,4 / 83,6	91,8 / 83,7	93,4 / 84,9	92,4 / 83,5	92,4 / 83,6	91,8 / 83,7
Boiler efficiency at partial load (NCV* / GCV**)	%	-	93,0 / 84,1	93,0 / 83,7	93,0 / 83,7	-	93,0 / 84,1	93,0 / 83,7	93,0 / 83,7
Electrical power consumption at maximum output	kW	0,066	0,091	0,071	0,080	0,066	0,091	0,071	0,080
Electrical power consumption at partial output	kW	-	0,055	0,055	0,055	-	0,055	0,055	0,055
Electrical power consumption at standby	kW	0,0090	0,0090	0,0090	0,0090	0,0090	0,0090	0,0090	0,0090
Seasonal space heating emissions - PM	mg/m ³ (10% O ₂)	<30	<30	<30	<30	<30	<30	<30	<30
Seasonal space heating emissions - OGC	mg/m ³ (10% O ₂)	<16	<16	<16	<16	<16	<16	<16	<16
Seasonal space heating emissions - CO	mg/m ³ (10% O ₂)	<380	<380	<380	<380	<380	<380	<380	<380
Seasonal space heating emissions - Nox	mg/m ³ (10% O ₂)	<200	<200	<200	<200	<200	<200	<200	<200

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

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Other suitable fuel		Wood Pellets							
Energy efficiency class		A+	A+	A+	A+	A+	A+	A+	A+
Rated power	kW	22	30	30	35	22	30	30	35
Partial load	kW	6,6	9,0	9,0	10,5	6,6	9,0	9,0	10,5
Energy efficiency index - boiler		117	117	117	118	117	117	117	118
Seasonal space heating energy efficiency in active mode	%	79	80	80	80	79	80	80	80
Energy efficiency class - integration with heating circuit control		A+	A+	A+	A+	A+	A+	A+	A+
Energy efficiency index - integration with heating circuit control		121	121	121	122	121	121	121	122
Boiler efficiency at rated power (NCV* / GCV**)	%	93,0 / 85,5	92,0 / 84,6	92,0 / 84,6	91,4 / 84,1	93,0 / 85,5	92,0 / 84,6	92,0 / 84,6	91,4 / 84,1
Boiler efficiency at partial load (NCV* / GCV**)	%	90,9 / 83,9	91,0 / 84,0	91,0 / 84,0	91,0 / 84,1	90,9 / 83,9	91,0 / 84,0	91,0 / 84,0	91,0 / 84,1
Electrical power consumption at maximum output	kW	0,081	0,099	0,099	0,110	0,081	0,099	0,099	0,110
Electrical power consumption at partial output	kW	0,050	0,053	0,053	0,055	0,050	0,053	0,053	0,055
Electrical power consumption at standby	kW	0,0100	0,0095	0,0095	0,0100	0,0100	0,0095	0,0095	0,0100
Seasonal space heating emissions - PM	mg/m ³ (10 % O ₂)	<30	<30	<30	<30	<30	<30	<30	<30
Seasonal space heating emissions - OGC	mg/m ³ (10 % O ₂)	<16	<16	<16	<16	<16	<16	<16	<16
Seasonal space heating emissions - CO	mg/m ³ (10 % O ₂)	<380	<380	<380	<380	<380	<380	<380	<380
Seasonal space heating emissions - Nox	mg/m ³ (10 % O ₂)	<200	<200	<200	<200	<200	<200	<200	<200

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