



KWB Classicfire

- Particularly long wood-refilling intervals thanks to large fill room
- Convenient operation with a dial and touchscreen display
- Can subsequently be converted to a combination heating system (log wood & pellets) at any time



Log wood heating system
18 – 38 kW



KWB's modular and
easily transportable system

Detailed overview of KWB Classicfire log wood heating system

Less fuel consumption

Thanks to a speed-controlled induced draught fan. The control system detects automatically whether there is sufficient heat in the system and throttles the speed of the fan, if required, thereby reducing the boiler output down to 50%. This saves fuel and money.

Efficient combustion

The perfectly optimised combination of the broadband lambda probe and flame sensor ensure optimally controlled combustion.

Automatic ignition

Ensuring that the boiler ignites automatically as soon as the heating system requests heat. The set room and hot water temperatures thus remain consistent.

Low emissions

Thanks to the high-temperature vortex combustion chamber where the wood gas is burned at very high temperatures. The concrete stone is divided into 8 components so that individual elements can be replaced, if required.

Quick heat

Thanks to the quick-charge valve which ensures that only the upper part of the associated buffer storage tank is charged with hot water. The hot water can then be quickly transmitted to the various heat consumers.

Dual control

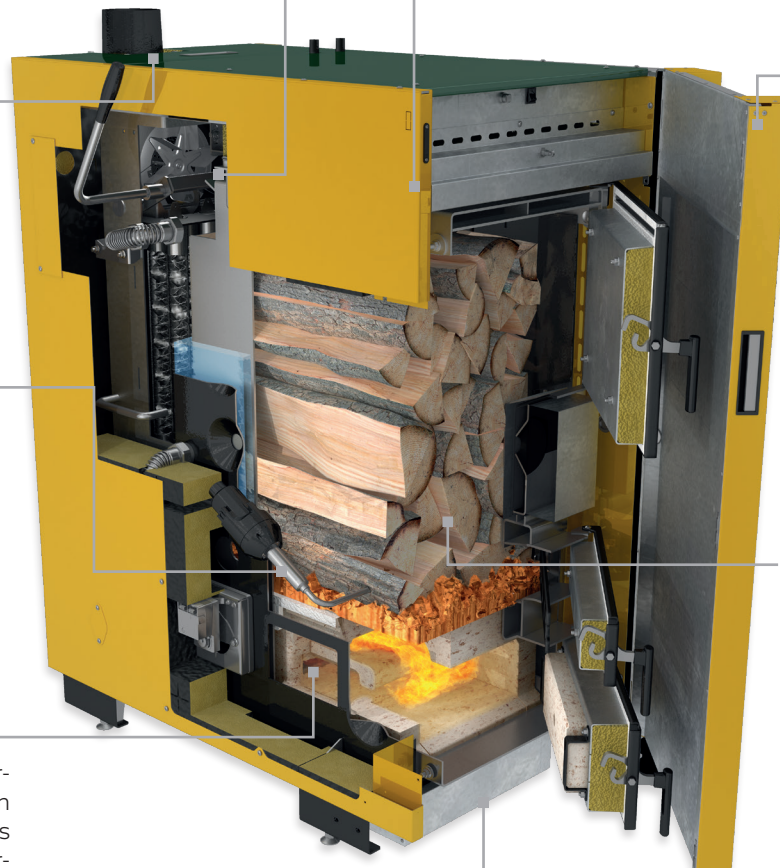
Using the KWB Comfort 4 control system via the colour touchscreen display or alternatively via the proven dial. The use of the dial is particularly recommended when operating the control with work gloves, right after stoking the boiler with wood.

Large fill room

The 185 l fill room can be loaded widthwise with 1/2 or 1/3 meter logs. An integrated installation protection always ensures the perfect underpressure in the fill room.

Easy operation

The ash container hooks in directly under the stoking door so it is easy to empty and keep clean.



Also available with smaller fill room for buffer storage tanks smaller than KWB Classicfire 1.5.



Internet:
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Technical data

CF1.5 CF2	Unit	CF1.5 18	CF1.5 28	CF1.5 32	CF1.5 38	CF2 18	CF2 28	CF2 32	CF2 38
Rated power	kW	18,3	28,6	31,9	38,0	18,3	28,6	31,9	38,0
Partial load	kW	-	14,3	14,2	14,2	-	14,3	14,2	14,2
Boiler efficiency at rated power	%	93,4	92,4	92,4	91,8	93,4	92,4	92,4	91,8
Boiler efficiency at partial load	%	-	93,0	93,0	93,0	-	93,0	93,0	93,0
EU energy label	-					A+			
Water side									
Buffer storage tank required: Yes	-					✓			
Usable minimum volume of buffer storage tank	l	1500	1500	1500	1500	1800	1800	1800	1800
Recommended usable volume	l	1800	1800	1800	1800	2500	2500	2500	2500
Exhaust gas side (for chimney calculation)									
Exhaust gas connection: Height	mm					1590			
Exhaust gas connection: Diameter	mm					150			
Fill room									
Fill room volume	l	160,8	160,8	160,8	160,8	183,8	183,8	183,8	183,8