



## KWB Combifire

- Fully-automated switching between log wood and pellet operation
- Ash removal is clean and convenient
- Remote operation and control of the system possible



Pellet & log wood heating system  
18 – 38 kW



KWB's modular and  
easily transportable system

# Detailed overview of KWB Combifire pellet & log wood heating system

## Low space requirements

Thanks to compact design. The KWB Combifire fits in a heating room from 4.8 m<sup>2</sup>.

## Low maintenance expenditures

Due to the automatic heat exchanger cleaning.

## More efficient

Thanks to water-controlled combination module.

## Patented underfeed burner system

The pellets are carefully pushed onto the burner plate by a pellet conveyor screw. The firebed thus remains completely stable and does not generate additional dust.

## Large fill room

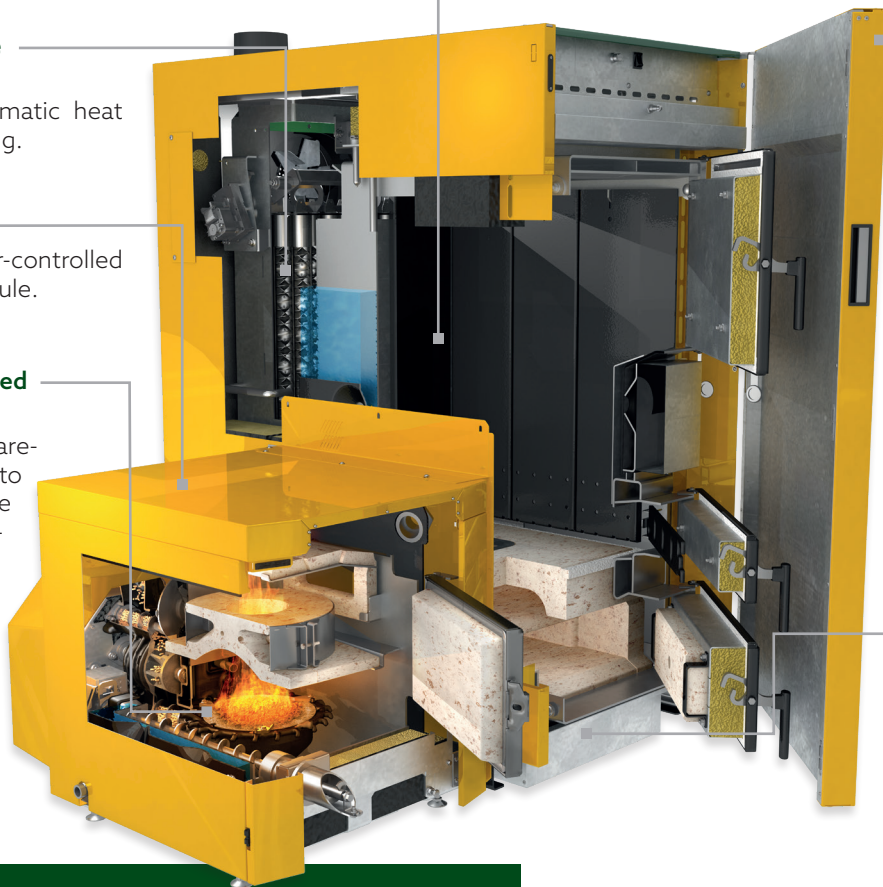
The 185 l fill room can be loaded widthwise with 1/2 or 1/3 meter logs. An integrated installation protection always ensures the perfect underpressure in the fill room.

## 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, for example, when stoking the boiler with wood.

## 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 Combifire 1.5.

Internet:  
Learn more



## 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
		Log wood/pellets	Log wood/pellets	Log wood/pellets	Log wood/pellets	Log wood/pellets	Log wood/pellets	Log wood/pellets	Log wood/pellets
Rated power	kW	18,3/22,0	28,6/30,0	31,9/30,0	38/35,0	18,3/22,0	28,6/30,0	31,9/30,0	38,0/35,0
Partial load	kW	- /6,6	14,3/9,0	14,2/9,6	14,2/10,5	- /6,6	14,3/9,0	14,2/9,6	14,2/10,5
Boiler efficiency at rated power	%	93,4/93,0	92,4/92,0	92,4/92	91,8/91,4	93,4/93,0	92,4/92,0	92,4/92	91,8/91,4
Boiler efficiency at partial load	%	- /90,9	93,0/91,0	93/91,0	93,0/91,0	- /90,9	93,0/91,0	93/91,0	93,0/91,0
EU energy label	-					A+			
<b>Water side</b>									
Buffer storage tank required: Yes	-					✓			
Usable minimum volume of buffer storage tank	l	1500	1500	1500	1500	1800	1800	1800	1800
Recommended usable volume of buffer storage tank	l	1800	1800	1800	1800	2500	2500	2500	2500
<b>Exhaust gas side (for chimney calculation)</b>									
Exhaust gas connection: Height	mm					1590			
Exhaust gas connection: Diameter	mm					150			
Required draft at rated power/partial load	mbar					0,08 0,05			
<b>Fill room</b>									
Fill room volume	l	160,8	160,8	160,8	160,8	183,8	183,8	183,8	183,8
<b>Electrical system</b>									
Electrical connection	-					230V, 1~ 50Hz, C13 A			