



KWB Easyfire 1

- Faster and easier installation
- Easy to fill thanks to the 200-litre storage container or via suction conveyor
- Proven underfeed firing unit and intuitive operation



Pellet heating system
10 – 20 kW

Detailed overview of KWB Easyfire 1 pellet heating system

Easy refilling with fuel

Thanks to large storage containers with a volume of 200 litres and convenient filling height. The pellet bag is simply placed on the grid through which the pellets fall into the storage container. The boiler can optionally also be automatically stocked with fuel using a suction conveyor system.

Double backfire safeguard

Thanks to the cellular wheel sluice and fire shutter.

Low power consumption

Thanks to an energy-efficient drive motor and fan.

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. Fully automated cleaning of the burner plate (KWB EasyFlex) is optionally also available.

Easy operation

Using proven KWB Comfort 3 control system.

Easy cleaning

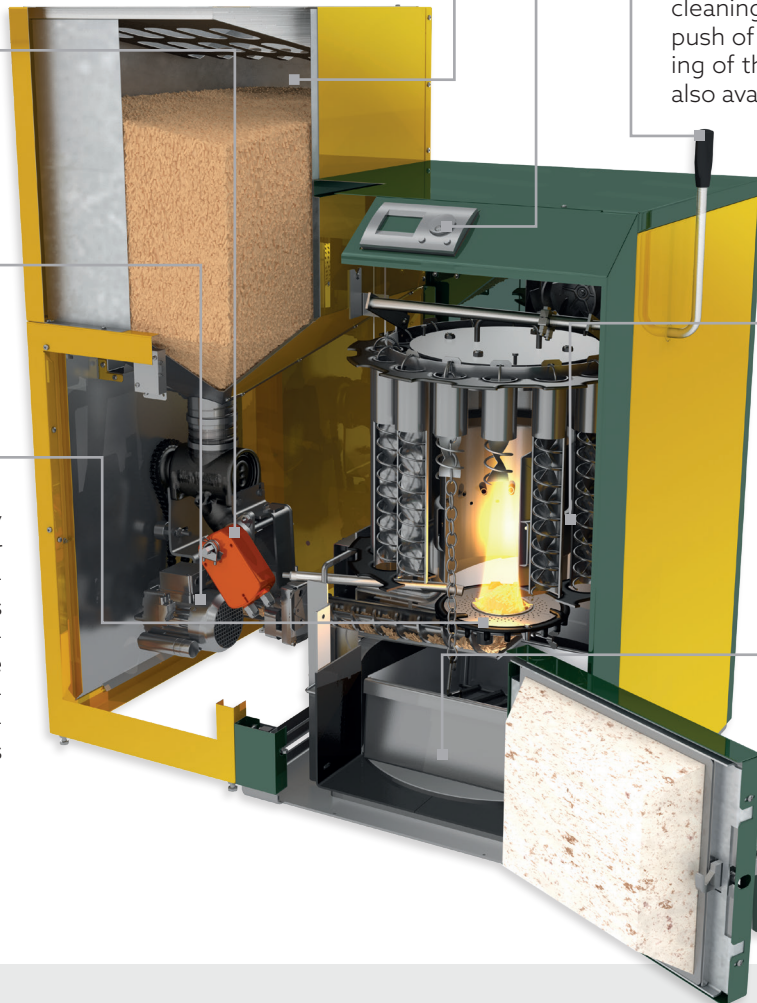
The semi-automatic heat exchanger cleaning process is performed at the push of a lever. Fully automated cleaning of the heat exchanger is optionally also available.

Efficient heat transfer

Thanks to upright tube bundle heat exchanger with highly efficient turbulators.

Increased convenience

Thanks to the optional ash compaction, there is sufficient space for the ash of up to 2 tons of pellets, ensuring longer ash removal intervals.



Technical data

| USP V/GS | Unit | 10 | 15 *** | 20 |
|--|------|------|-------------------------|------|
| Rated power | kW | 10,4 | 15,0 | 20,0 |
| Partial load | kW | 3,1 | 4,5 | 5,6 |
| Boiler efficiency at rated power | % | 91,0 | 91,7 | 92,5 |
| Boiler efficiency at partial load | % | 90,7 | 90,4 | 90,1 |
| Fuel thermal output at rated load | kW | 11,4 | 16,4 | 21,6 |
| Fuel thermal output at partial load | kW | 3,4 | 5,0 | 6,2 |
| EU energy label | - | | A+ | |
| Exhaust gas side (for chimney calculation) | | | | |
| Exhaust gas connection: Connection height, boiler side | mm | | 635 | |
| Exhaust gas connection: Diameter | mm | | 130 | |
| Electrical system | | | | |
| Electrical connection | - | | 230V, 1~ 50Hz, C13 A | |
| Storage container for manual filling | | | | |
| Contents storage container for type USP V | l | | 228 | |
| Suction conveyor type USP GS | | | | |
| Max. suction length | m | | 10 | |
| Max. suction height | m | | 3,5 | |

*** ... drawing test, values for intermediate quantities interpolated

Internet:
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