



**PRODUCT INFORMATION**

**KWB EASYFIRE 1**

Pellet heating system



**KWB**

**EASYFIRE 1**

**PELLET HEATING SYSTEM 10 - 20 kW**



**PROVEN AND  
SIMPLE HEATING**



## PREMIUM QUALITY "MADE IN AUSTRIA"

KWB is the Austrian quality producer of pellet, wood chip and log wood heating systems in the output range from 2.4 to 300 kW. As a pioneer in this sector, we have revolutionized heating with wood. More than 90,000 customers worldwide trust our expertise, including single- and multi-family home owners, agricultural businesses, tour operators, commercial business and utility companies.

KWB is the ideal single-source solution. Our premium products are operationally reliable, and guaranteed Made in Austria. Our assistance commences during your decision-making process and we continue to assist you, together with our trusted partner installation companies, all the way to the installation of your customized comprehensive solution. Our KWB Factory Customer Service and our distribution partners in your vicinity will also be glad to help you at any time!

*We provide energy for life!*



**PREMIUM QUALITY  
"MADE IN AUSTRIA"**



**MORE THAN 90.000  
SATISFIED CUSTOMERS**

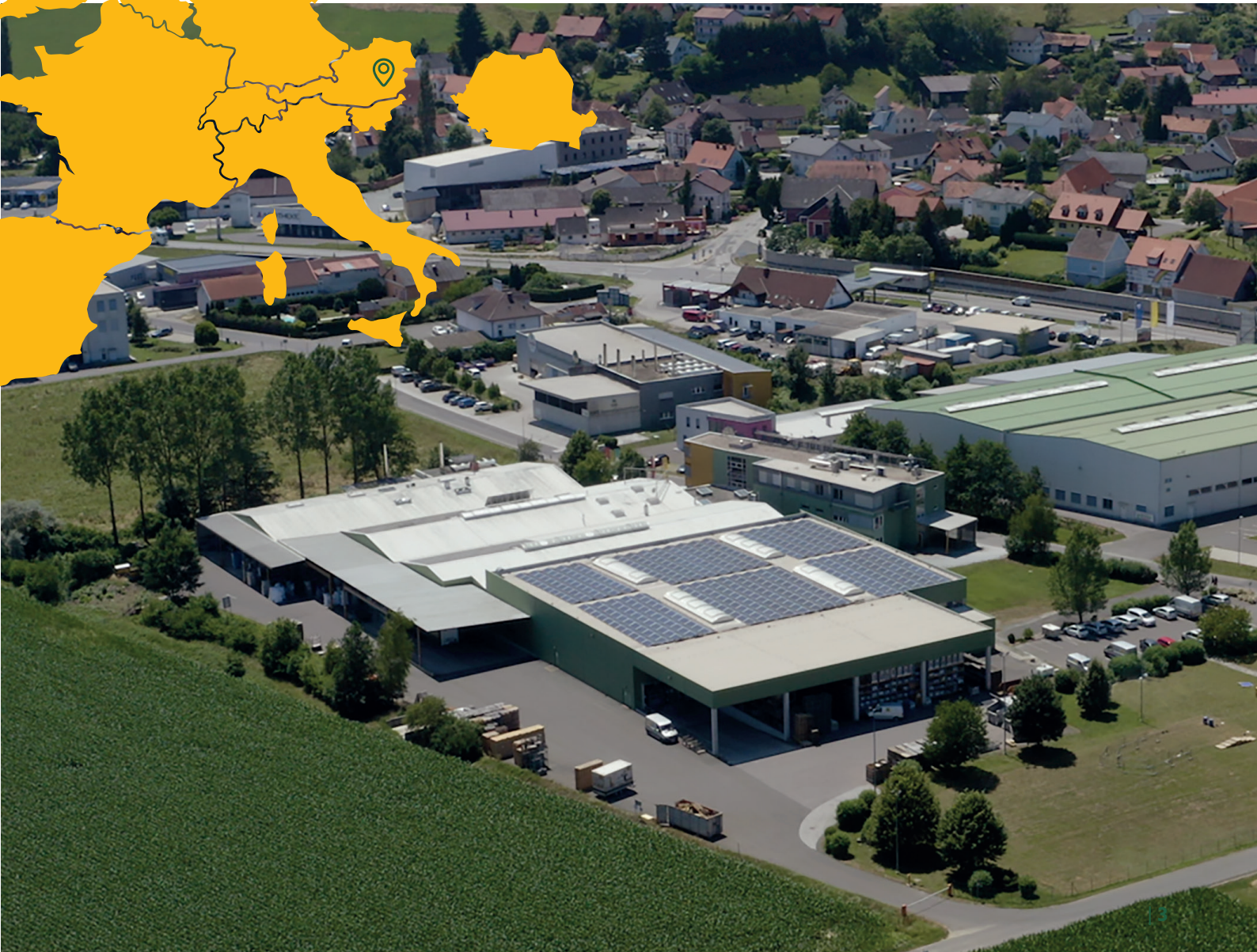


**NUMEROUS AWARDS FOR THE  
FACTORY CUSTOMERS SERVICE**



## MADE IN AUSTRIA! AT HOME ALL OVER THE WORLD!

KWB stands for regional and eco-friendly heating with wood. The headquarters of the company is located in the Styrian town of St. Margarethen/Raab (Austria) with subsidiaries in Germany, Italy and France. In 16 additional countries, from Canada to Chile and all the way to Japan, we rely on our strong distribution partners. Together we spread KWB's philosophy all over the world.

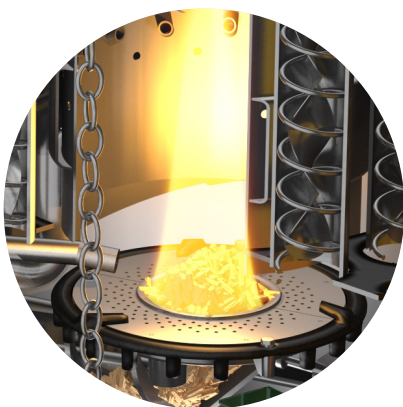


# KWB EASYFIRE 1

## PROVEN AND SIMPLE HEATING

- ✓ Easy and quick installation
- ✓ Easily fillable with a 200-litre hopper
- ✓ Intuitive control

The KWB Easyfire 1 pellet heating system is the perfect entry model for owners of single-family and multi-family homes. It is available in an output range from 10 to 20 kW either with a 200-litre hopper or, as KWB Easyfire 1 Plus, with an automatic suction system. It convinces thanks to a burner system that is already being used more than 40,000 times by our customers and is very easy to install. The KWB Easyfire 1 pellet heating system is delivered in one piece to your home and can be placed in your basement heating room as-is. Due to its slim form factor, it fits easily through every basement door and also into rooms with low ceilings. It is therefore the ideal central heating system for renovated houses. The menu system of the KWB Easyfire 1 central heating is very logically structured and comprises two buttons, a dial and an easy to understand graphic display.



### CLEAN COMBUSTION TECHNOLOGY

The 40,000 times proven cast and stainless steel under-feed burner ensures a stable ember bed and combustion. The pellets are carefully pushed up onto the burner plate from below. They fully burn out and no additional dust is stirred up

### Easy filling with fuel

thanks to the large hopper with a volume of 200 litres and a convenient filling height. The pellet bag is simply placed on the grid through which the pellets fall into the storage container.

### Double backfire safeguard

thanks to the cellular wheel sluice and fire shutter.

### Low fuel consumption

thanks to an energy-efficient drive motor.

### Reliable operation

thanks to the automatic burner plate cleaning KWB EasyFlex. With the KWB EasyFlex, the heating runs reliably even with varying pellet qualities without higher cleaning expenditures.



**Easy operation**

Thanks to the KWB Comfort 3's control: 2-button control unit with dial and intuitive graphic display.



**OPTIONAL: AUTOMATIC FILLING WITH FUEL**

throughout all KWB heating systems.



**INCREASED CONVENIENCE**

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

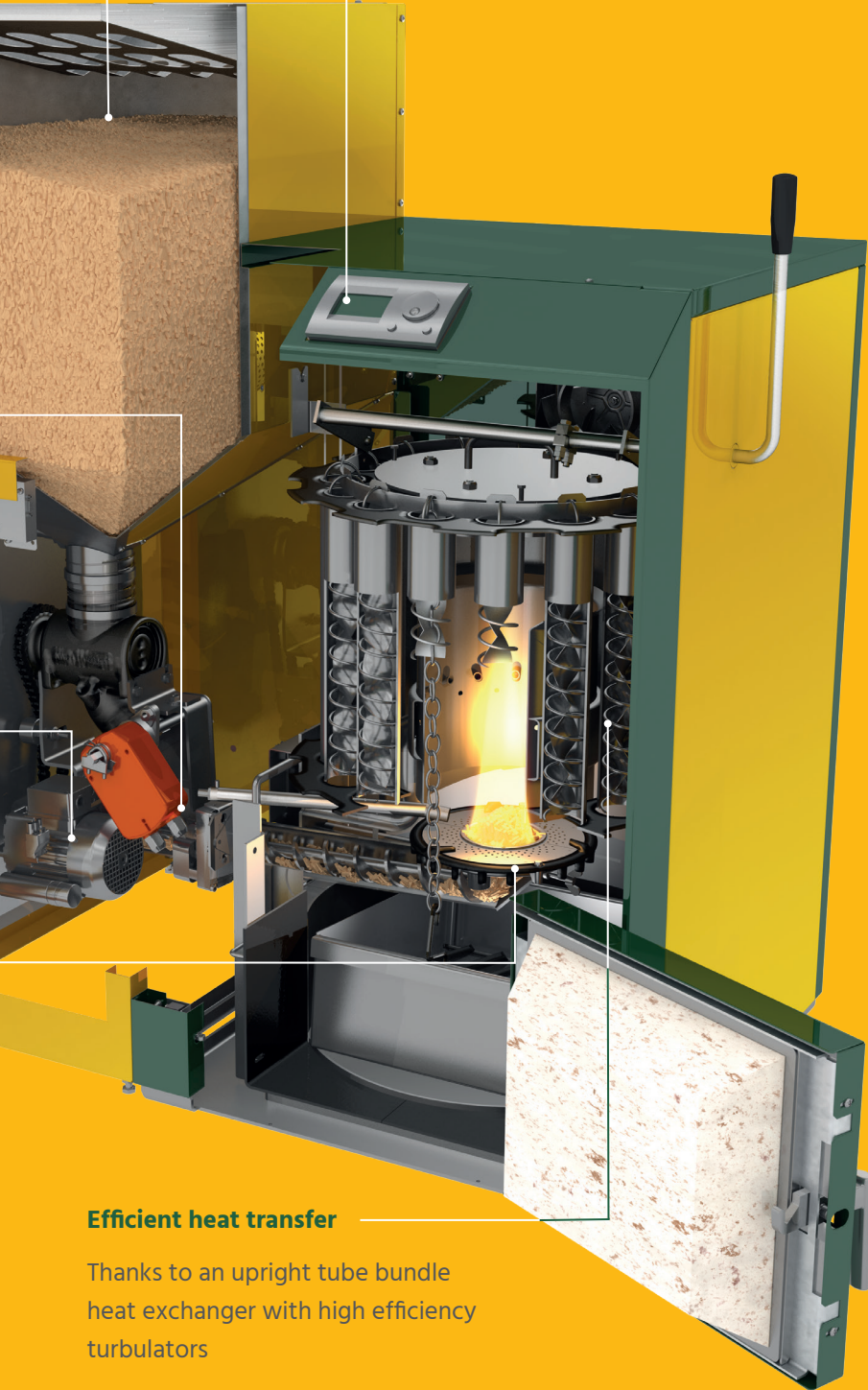


**EASY CLEANING**

The semi-automatic cleaning is performed by pushing a lever. A fully automatic cleaning is provided optionally.

**Efficient heat transfer**

Thanks to an upright tube bundle heat exchanger with high efficiency turbulators



# EASY OPERATION

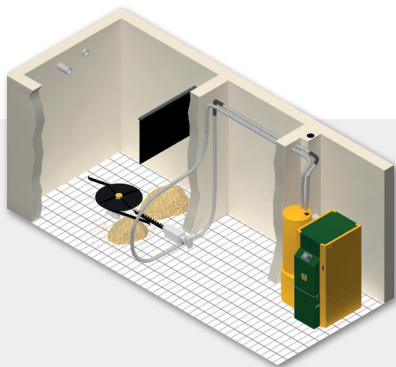
## KWB COMFORT 3

Two buttons, a dial and a well laid out graphic display comprise the surface of the KWB Comfort 3. The intuitive menu structure allows for easy configuration of the parameters, such as boiler, heating circuits and storage. A connection to the **online platform KWB Comfort Online** is also possible. As a result, the boiler can be easily ignited and controlled remotely from a smart-phone, tablet or PC.

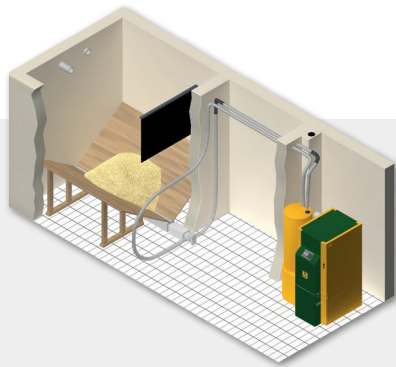


# INCREASED CONVENIENCE

## FULLY AUTOMATIC AND FLEXIBLE



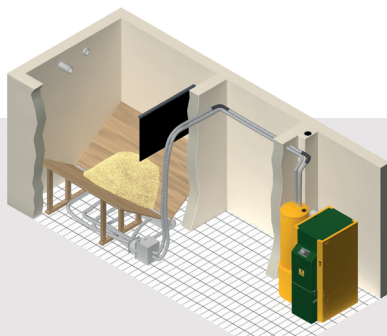
**KWB PELLET STIRRER PLUS WITH SUCTION CONVEYOR**



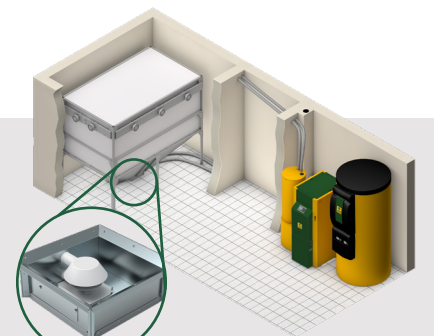
**CONVEYOR SCREW WITH SUCTION CONVEYOR**



**KWB PELLET BIG BAG WITH SUCTION CONVEYOR**

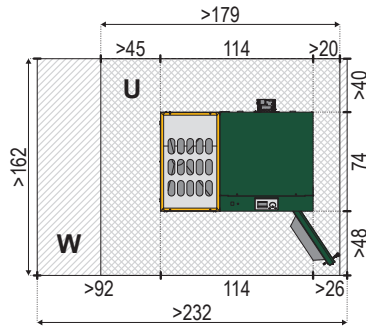
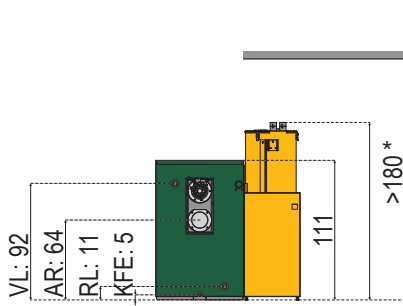


**KWB SAMPLE PROBES OR 1-POINT SAMPLE PROBE WITH SUCTION CONVEYOR**



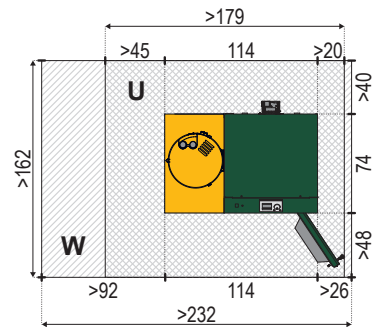
**KWB PELLET BOX WITH SUCTION CONVEYOR**

# LOW SPACE REQUIREMENTS



## TYPE EF1 V

Heating room size from 2.9 m<sup>2</sup>  
Storage room 0 m<sup>3</sup>



## TYPE EF1 GS

Heating room size from 2.9 m<sup>2</sup>

## LEGEND

<b>FF</b>	Connection forward flow 1"	<b>BFE</b>	Filling and emptying ½"
<b>EP</b>	Exhaust pipe Ø 130 mm	<b>U</b>	Minimum space requirements
<b>RF</b>	Connection return flow 1"	<b>W</b>	Recommended space requirements incl. sufficient room to perform maintenance

\* Recommended room height: 200 cm | All dimensions in cm | Width x Height | Distances stated are minimum distances!

## DIMENSIONS FOR BOILER TRANSPORT AND PLACEMENT

KWB Classicfire 2 / KWB Combifire	
Conditioned as delivered	80 x 145
Without casing, dismantled	75 x 75

## TECHNICAL DATA

USP V/GS 27.7.2020	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	16,5	21,1
Fuel thermal output at partial load	kW	3,4	4,9	6,2
Boiler class according to EN 303-5:2012	-	5	5	5
EU Energylabel	-	A+	A+	A+
<b>Exhaust-gas side (for chimney calculation)</b>				
Exhaust-gas connection height boiler side	mm	635	635	635
Exhaust-gas pipe diameter	mm	130	130	130
<b>Electrical system</b>				
Connection	-	230V, 1~ 50Hz, C13 A	230V, 1~ 50Hz, C13 A	230V, 1~ 50Hz, C13 A
<b>Storage container type USP V</b>				
Contents storage container for type USP V	l	228	228	228
<b>Suction conveyor type USP GS</b>				
Max. suction length	m	10	10	10
Max. suction head	m	3,5	3,5	3,5
Contents storage container for type USP GS	l	15	15	15
<b>Weights</b>				
Boiler body	kg	196	196	196
Boiler weight USP V	kg	323	323	323
Boiler weight USP GS	kg	349	349	349

\*\*\* ... Drawing inspection, values for intermediate sizes interpolated

Product data sheet with detailed technical data: Scan QR code or download from our website under product pages.





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Subject to changes as well as  
type and printing errors.

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