



Product information

KWB EASYFIRE

Pellet heating system

*Wir geben
Energie
fürs Leben!*



**No
cleaning ex-
penditures!**

KWB Easyfire

Pellet heating systems 2.4 – 35 kW

Easy and clean heating

clean⁺ **EFFICIENCY**
Combustion technology

Valuable partnership

We are a quality manufacturer of heating solutions – for this, we use energy from renewable resources. More than 2,000 installers and more than 70,000 customers already put their trust in us by deciding in favour of a KWB partnership.

This "valuable asset" is also an integral component of our company philosophy and the basis of our business relationships. In addition, KWB focuses on appreciation, reliability and a large amount of responsibility for our environment and future generations.

We provide energy for life!



**Premium quality
"Made in Austria"**



**Represented
internationally**



**Numerous awards for the
factory customer service**



**More than 70,000
satisfied customers**

Our uniqueness sets us apart

KWB Pellet Stirrer Plus

There are many fully automated ways to keep your KWB pellet heating system supplied with fuel. The KWB pellet stirrer plus is a convenient and reliable option that is optimally adjusted to the circumstances on-site.



Maximum space utilization

Thanks to the optimal utilization of the storage volume without inclined floor

Reliable technology

Thanks to a conveyor screw on a solid hollow shaft with double bearing.



Dual operation

Easy and flexible control



KWB Exclusive and Basic control units

The KWB Comfort 4 permits a customised and cost-optimised heat supply as well as the convenient operation of your heating system.

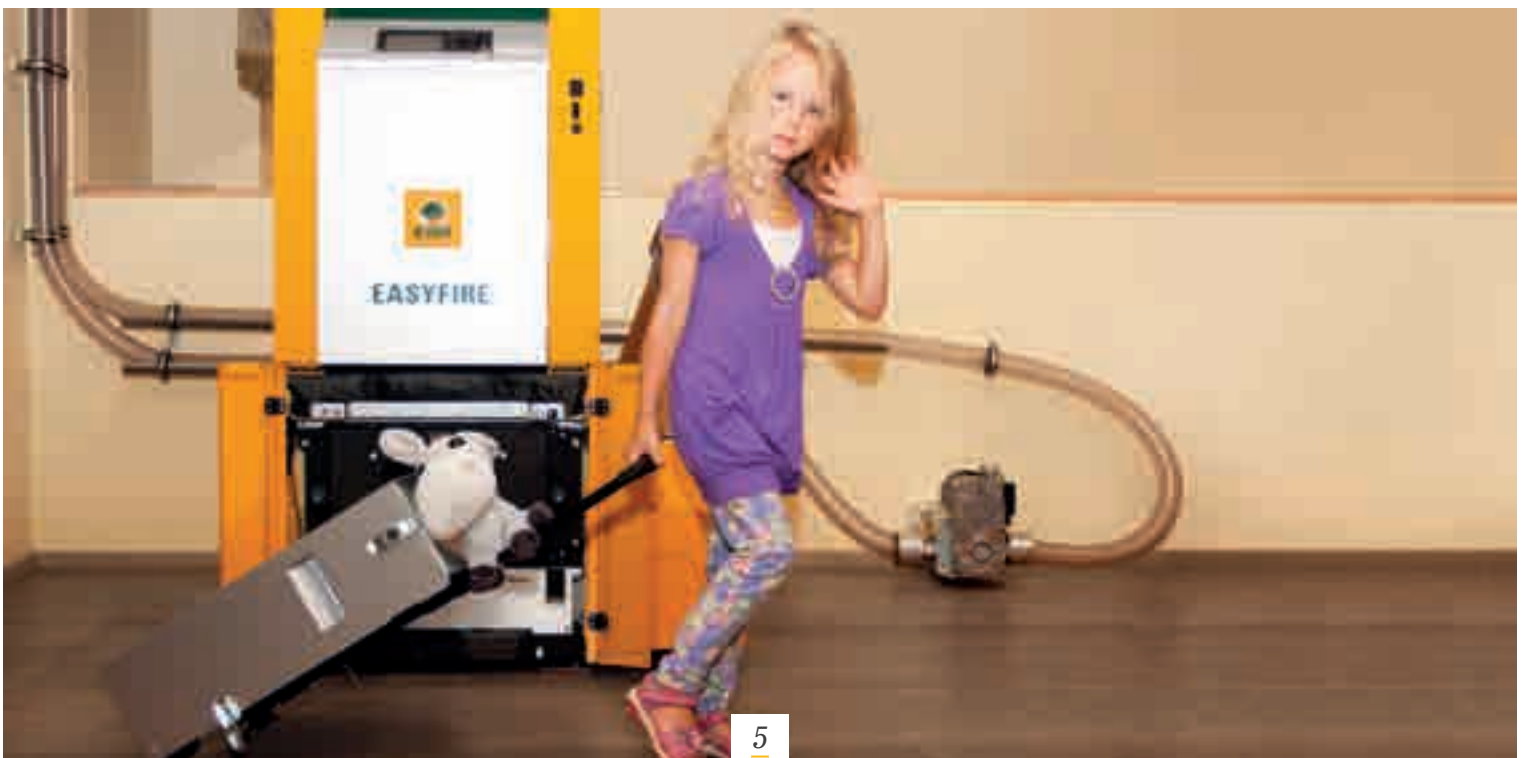
With dual control thanks to the proven dial and touchscreen display.

The KWB Comfort Online platform lets you control your heating remotely!

Easy operation

No cleaning expenditures!

Ideal for customers who do not want to put much time and effort into their heating system: The KWB Easyfire pellet heating system is almost as convenient as an oil or gas heating system, but it is also future-proof because it uses wood, the renewable resource. You do not need to clean the system for optimal heating operation. We don't even supply cleaning utensils when we deliver the system. Between the recommended annual service intervals, you will only need to easily and conveniently empty the ash container after using up approximately 6 tons of pellets. Depending on system size, this means an ash-emptying interval of up to 2 years.

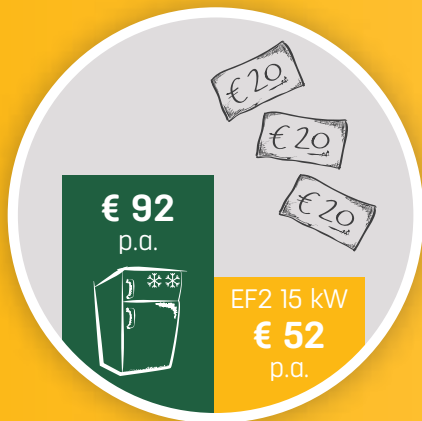


Easy and clean heating

Thanks to cleanEfficiency Technology, the **KWB Easyfire wood pellet heating system** is a milestone on the path towards an emission-free heating technology. The KWB Easyfire pellet heating system also sets a new benchmark for easy heating.



You can find more information regarding the combustion technology on www.youtube.com/biomasseheizungen



Low energy costs

The KWB Easyfire pellet heating system energy consumption was reduced to a minimum – which saves money.¹



Convenient emptying of ash

The ash is automatically removed into a dedicated ash container² – The comfort version offers a movable ash container with an extendible handle.

Clean combustion

Thanks to the broadband lambda probe

Easy installation

Due to the integrated return flow temperature boost – which saves on additional installation costs

High convenience

Thanks to an automatic heat exchanger cleaning – which eliminates cleaning between service intervals

Long service life

Thanks to state-of-the-art components such as industrial-quality motors



¹ Annual power consumption compared to a refrigerator: Data from [http://stromliste.at], as of 9/2/2017. Calculated electricity price 29 cent/kWh

² Ash removal after approx. 6 tons of fuel or approximately 2 years



Low fuel consumption

Due to an optimal heat exchange with highly efficient turbulators

No cleaning expenditures!

Thanks to a fully self-cleaning system between service intervals

Lowest emissions

Due to a dust separator with cyclone effect



Dual operation

The KWB Comfort 4 Control, with the tried and tested control dial and touch screen display, permits flexible control – and even remote control.



Clean combustion

The 40,000 times proven under-feed burner ensures a stable ember bed and clean combustion.

Symbol representation

Customised solutions

KWB conveyor systems



**Pellet Stirrer Plus
with elbow screw**



**Conveyor screw
with elbow screw**



**KWB Pellet Big Bag
with elbow screw**



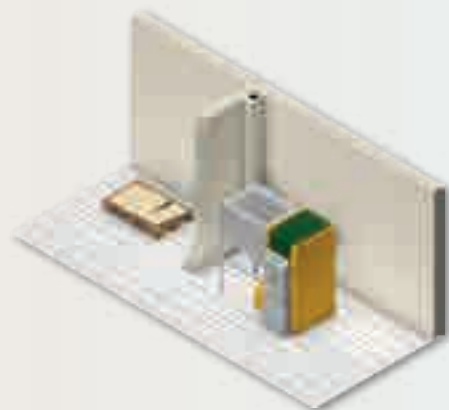
**Pellet Stirrer Plus
with suction conveyor**



**Conveyor screw
with suction conveyor**



**KWB Pellet Big Bag
with suction conveyor**



**KWB storage container
300l**



**KWB sample probes
with suction conveyor**



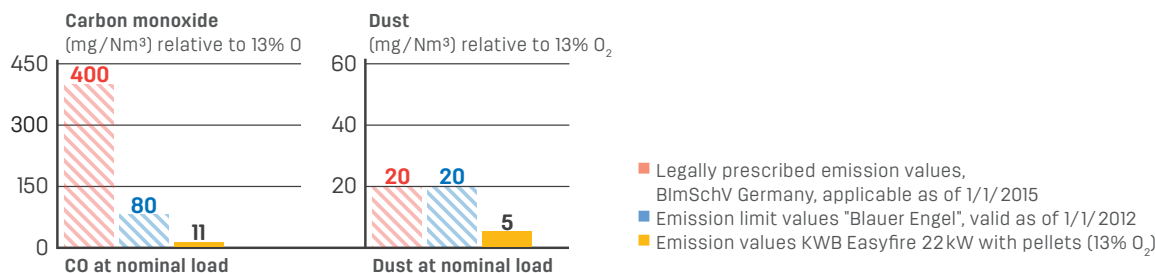
**KWB Pellet Box
with suction conveyor**

Clean combustion

clean⁺ EFFICIENCY – TECHNOLOGY

The cleanEfficiency label indicates lowest emission values, highest efficiency and low energy consumption as well as a perfect alignment of construction and control elements.

Emission values at nominal load

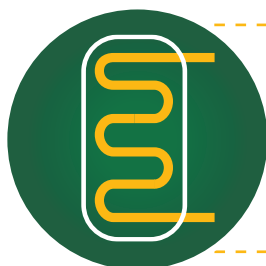


Fuel consumption

A KWB Easyfire pellet heating system consumes about 350kg fuel per 1 kW output.*



* at 1,500 full load hours/year



Quick heat and more efficiency

The use of a KWB storage system is only required if the nominal boiler load is 20% greater than the average building heating load.

This will not only allow you to run your heating cleaner and more efficiently, you will also be able to have heat available quickly when needed.

Easy storage tank size calculations: 30 litres storage tank volume / kW boiler nominal load

Technical specifications

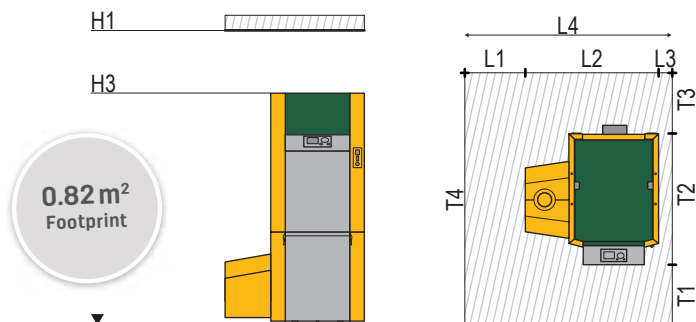
EF2 S / EF2 GS / EF2 V (31.01.2017)	Unit	8	12	15	22	25	30	35 (IT)	35
Rated power	kW	8,0	12,0	15,0	22,0	25,0	30,0	33,0	34,9
Partial load	kW	2,4	3,5	4,4	6,4	7,3	8,7	9,5	10,1
Boiler efficiency at rated power	%	92,4	94,0	94,3	95,0	95,2	95,4	95,6	95,7
Boiler efficiency at partial load	%	91,4	89,4	90,0	91,5	92,4	93,8	94,7	95,3
Boiler class according to EN 303-5:2012	-	5	5	5	5	5	5	5	5
EU Energy Label		A+	A+	A+	A+	A+	A+	A+	A+
Exhaust-gas side									
Exhaust-gas connection height boiler side	mm	750	750	860	860	1050	1050	1050	1050
Exhaust-gas pipe diameter	mm	130	130	130	130	150	150	150	150
Ash									
Ash container volume	l	28	28	28	28	28	28	28	28
Electrical system									
Connection: CEE 3-pole	-	230 V _{AC} 50 Hz, 13 A	230 V _{AC} 50 Hz, 13 A	230 V _{AC} 50 Hz, 13 A	230 V _{AC} 50 Hz, 13 A	230 V _{AC} 50 Hz, 13 A	230 V _{AC} 50 Hz, 13 A	230 V _{AC} 50 Hz, 13 A	230 V _{AC} 50 Hz, 13 A
Suction conveyor type EF2 GS									
Max. suction length	m	25	25	25	25	25	25	25	25
Max. suction head	m	5	5	5	5	5	5	5	5
Contents storage container for type EF2 GS	l	42	42	67	67	90	90	90	90
Weights									
Boiler weight EF2 S	kg	326	326	352	352	394	394	394	394

Note: You will find detailed technical specifications on our website's KWB Easyfire product pages.

Low space requirements

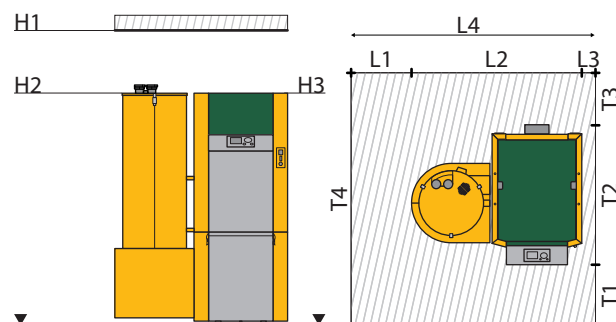
The KWB Easyfire pellet heating system can be placed directly at the wall for optimal space utilization.

Type EF2 S



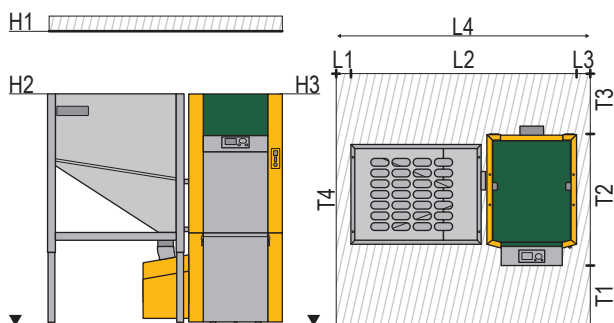
Heating room size from 2.3 m²

Type EF2 GS



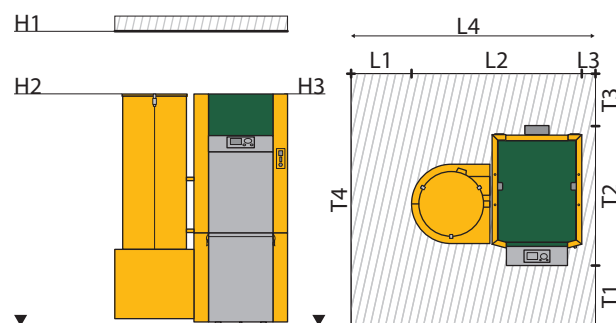
Heating room size from 2.6 m²

Type EF2 S+300



Heating room size from 2.8 m²
No additional storage room required!

Type EF2 V



Heating room size from 2.6 m²
No additional storage room required!

Position in drawing	EF2 8–12 kW				EF2 15–22 kW				EF2 25–35 kW			
	S	GS	V	S+300	S	GS	V	S+300	S	GS	V	S+300
H1	165	165	165	165	195	195	195	195	230	230	230	230
H2	–	126	146	146	–	146	146	146	–	164	146	146
H3	126	126	146	126	146	146	146	146	164	164	146	164
L1	40	40	40	10	40	40	40	10	40	40	40	10
L2	88	106	106	148	88	106	106	148	88	106	106	148
L3	10	10	10	10	10	10	10	10	10	10	10	10
L4	>138	>156	>156	>168	>138	>156	>156	>168	>138	>156	>156	>168
T1	40	40	40	40	40	40	40	40	40	40	40	40
T2	93	93	93	93	93	93	93	93	93	93	93	93
T3	40	40	40	40	40	40	40	40	40	40	40	40
T4	>167	>167	>167	>167	>167	>167	>167	>167	>167	>167	>167	>167
Exhaust gas pipe	Ø 13 cm, height = 75 cm				Ø 13 cm, height = 86 cm				Ø 15 cm, height = 105 cm			

S KWB Easyfire type EF2 S: screw conveyor system

GS KWB Easyfire type EF2 GS: suction conveyor system

V KWB Easyfire type EF2 V: storage container 107 litres

S+300 KWB Easyfire type EF2 S with storage container 300 litres

Information regarding the hydraulics requirements can be downloaded at www.kwb.at.



Clear and simple assembly

KWB's modular Assembly System

*All KWB systems can be dismantled into several modules, which allows our products to be placed in almost every heating room and easily installed even in tight spaces. We call it the **KWB modular assembly system**.*



You can schedule less time because your technician can move the heating system into the heating room more quickly.



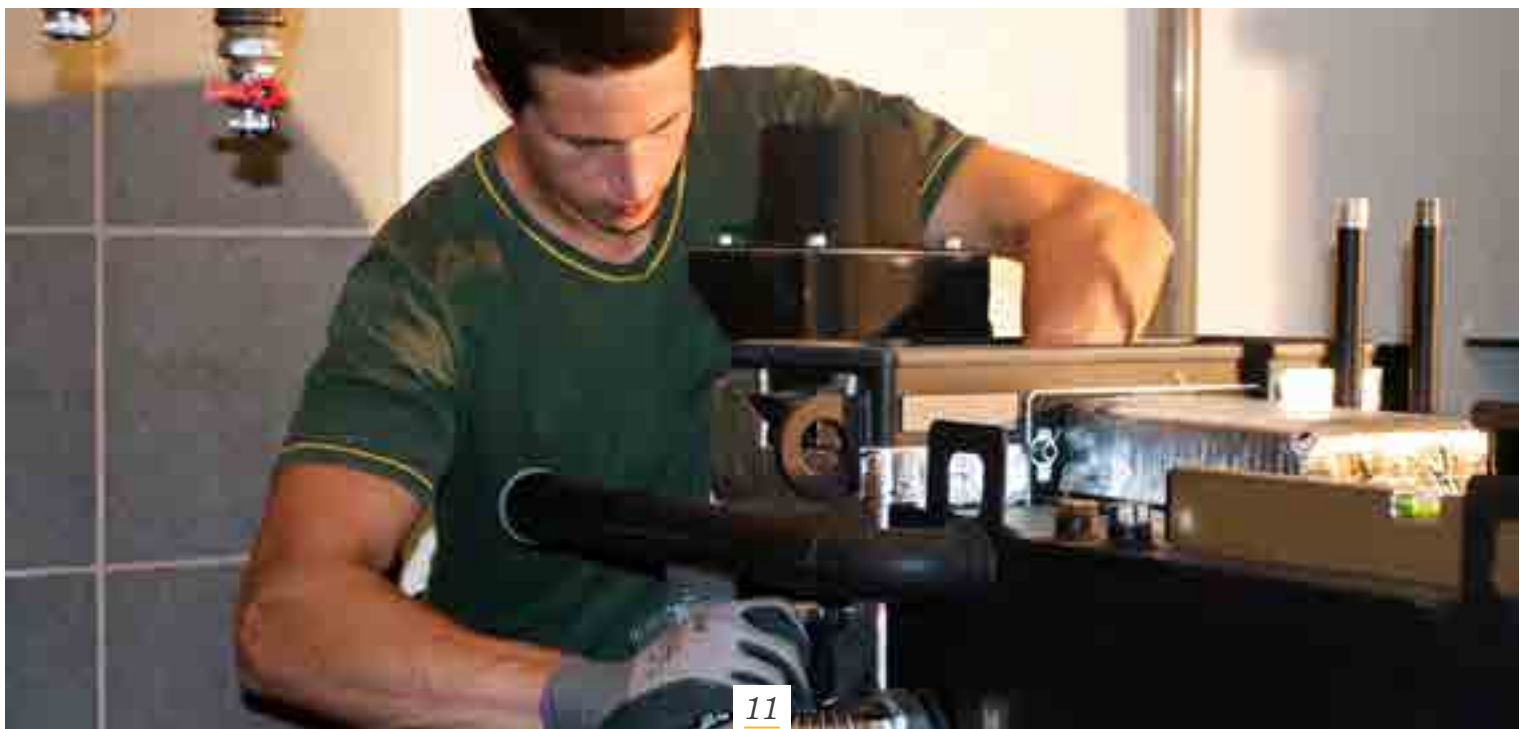
Simplified construction site coordination, since your technician does not require expensive installation aids.



The reduced weight of the individual pieces makes them less likely to scratch any surfaces thereby preserving and protecting the space.



KWB Easyfire – boiler dismantles into 2 parts



KWB Partner

CONTACT US

Your KWB Partner will be happy to help you if you have any questions or other requests. If you would like to contact KWB directly, you will find your local contacts here. We look forward to hearing from you!



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DISCOVER KWB UP CLOSE AND PERSONAL



... at one of more than
70,000 satisfied customers!
You will find reference
customers on our website.

"Good friends recommended
KWB to me, which made
me trust them immediately!"

PI Easyfire EF2 2017 EN | Index 0 | 2017-05
Subject to changes as well as type and
printing errors.

