NEW!

P5 PELLET

PELLET BOILER 45 - 105 kW

- Integrated **particle separator (electrostatic precipitator)** available as an option
- Innovative **Lambdatronic 5000** boiler controller

PLUS X AWARD
honoured as:
BEST PRODUCT OF THE YEAR 2025

PLUS X AWARD
Innovation
High Quality
Design
Ease of Use
Functionality
Ecology

BETTER HEATING

INNOVATIVE AND CONVENIENT

fröling

Wood is a home-grown and environmentally friendly fuel, that is highly sustainable. It is **CO_2-neutral** and is not affected by international crises. The production of firewood and pellets ensures stable jobs in the industry. Looking at it from an environmental and economical point of view, wood is the ideal fuel. The quality class is determined by the wood used.

ENVIRONMENTALLY RESPONSIBLE HEATING

Heating that doesn't cost the earth!

The price movements for different energy sources in recent years show the benefits of wood pellets: an environmentally clean way of heating which also is economically attractive.

Heating oil 10.33 c/kWh

Pellets 6.3 c/kWh Approx. **64 %** less expensive

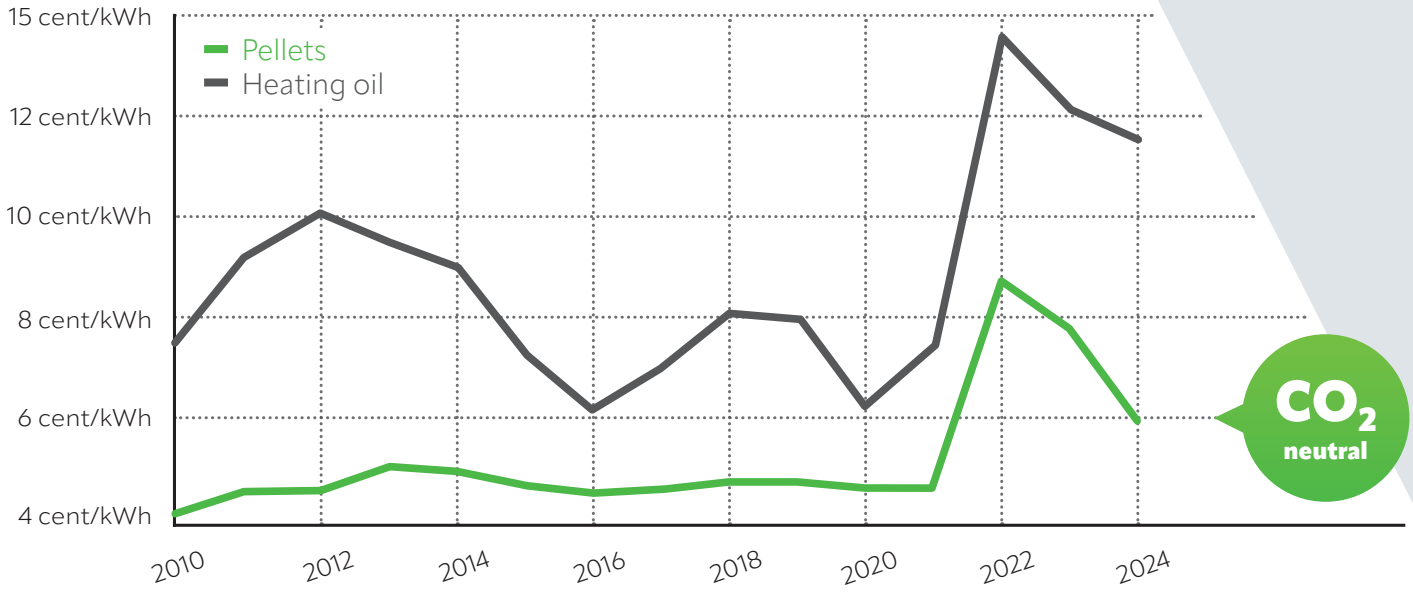
Natural gas 14.06 c/kWh

Pellets 6.3 c/kWh approx. **123 %** less expensive

The large volumes of wood shavings and sawdust generated by the wood-processing industry are compacted and pelleted without being treated beforehand. Pellets have high energy density and are easy to deliver and store. These are just some of the advantages that make pellets the perfect fuel for fully automatic heating systems.

Pellets are delivered by tanker and unloaded directly into your fuel store.

Average annual prices of heating oil compared to pellets*



*Source: proPellets. Updated: July 2025

Froling has been working for sixty years on the efficient use of wood as a source of energy. Today the name Froling stands for modern biomass heating technology. Froling firewood, wood chip and pellet boilers are successfully operated all over Europe. All products are manufactured in our factories in Austria and Germany. Froling's extensive service network ensures that we can handle all enquiries quickly.

GUARANTEED QUALITY AND RELIABILITY FROM AUSTRIA

- International pioneer in technology and design
- Sophisticated fully automatic operation
- Excellent environmental compatibility
- Environmentally responsible energy efficiency
- Renewable fuel which is CO_2-neutral
- Ideal for all types of house
- More convenience and reliability

The newly developed P5 Pellet can be equipped with an integrated electrostatic particle separator (electrostatic precipitator) option, which reduces dust emissions to a minimum.

Thanks to the integrated return temperature control, the boiler always runs within the optimal temperature range, thus increasing efficiency.

What advantages does the P5 pellet offer?

- Maximum energy efficiency
- Integrated return temperature control
- Optimum combustion
- Dust emissions reduced to a mini-mumby means of an integrated particle separator (electrostatic precipitator) and much more...

PELLET BOILER P5 PELLET

Lambdatronic 5000 controller with 7" glass touch display for even easier operation

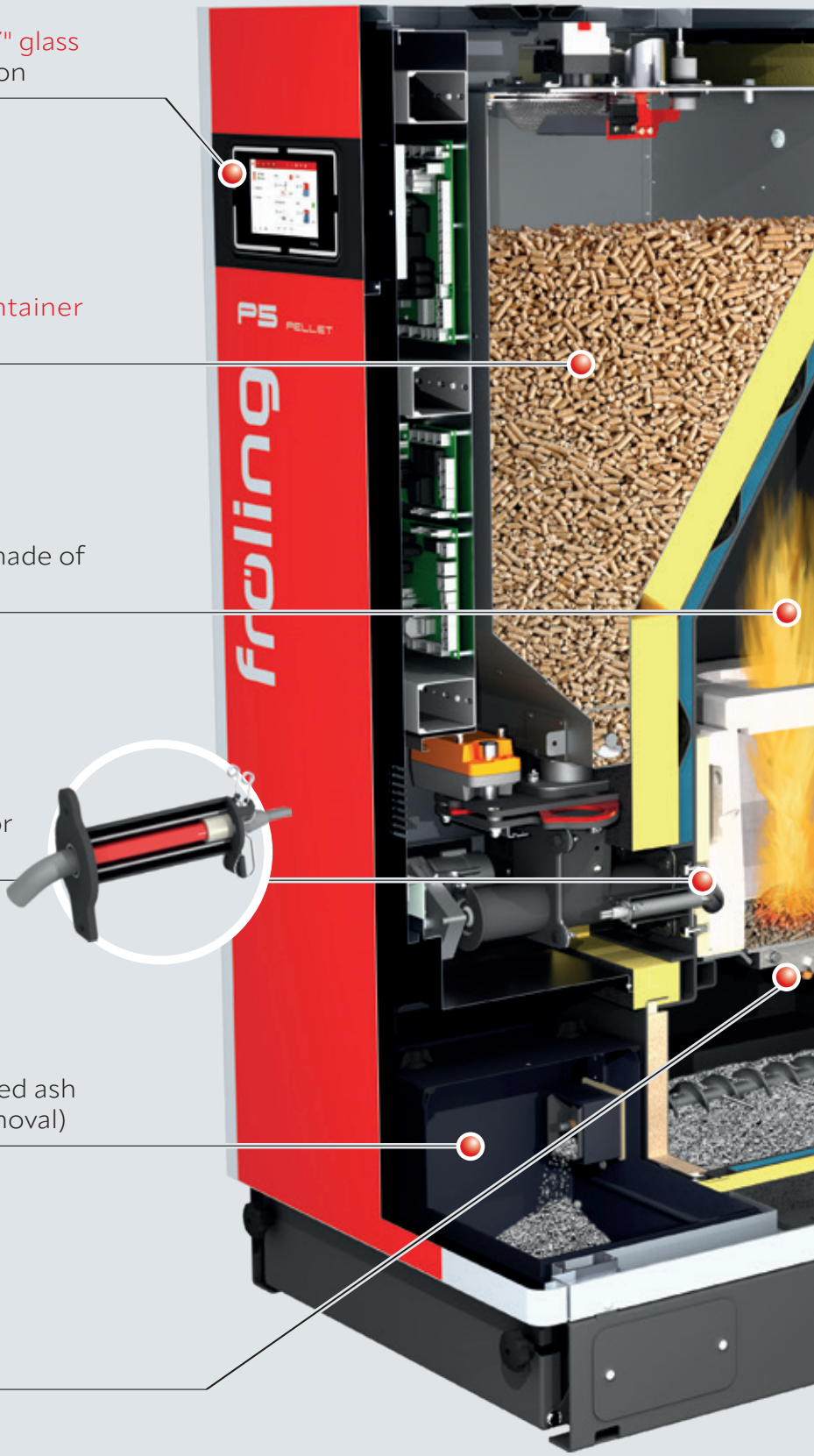
Generously dimensioned pellet container (optionally expandable)

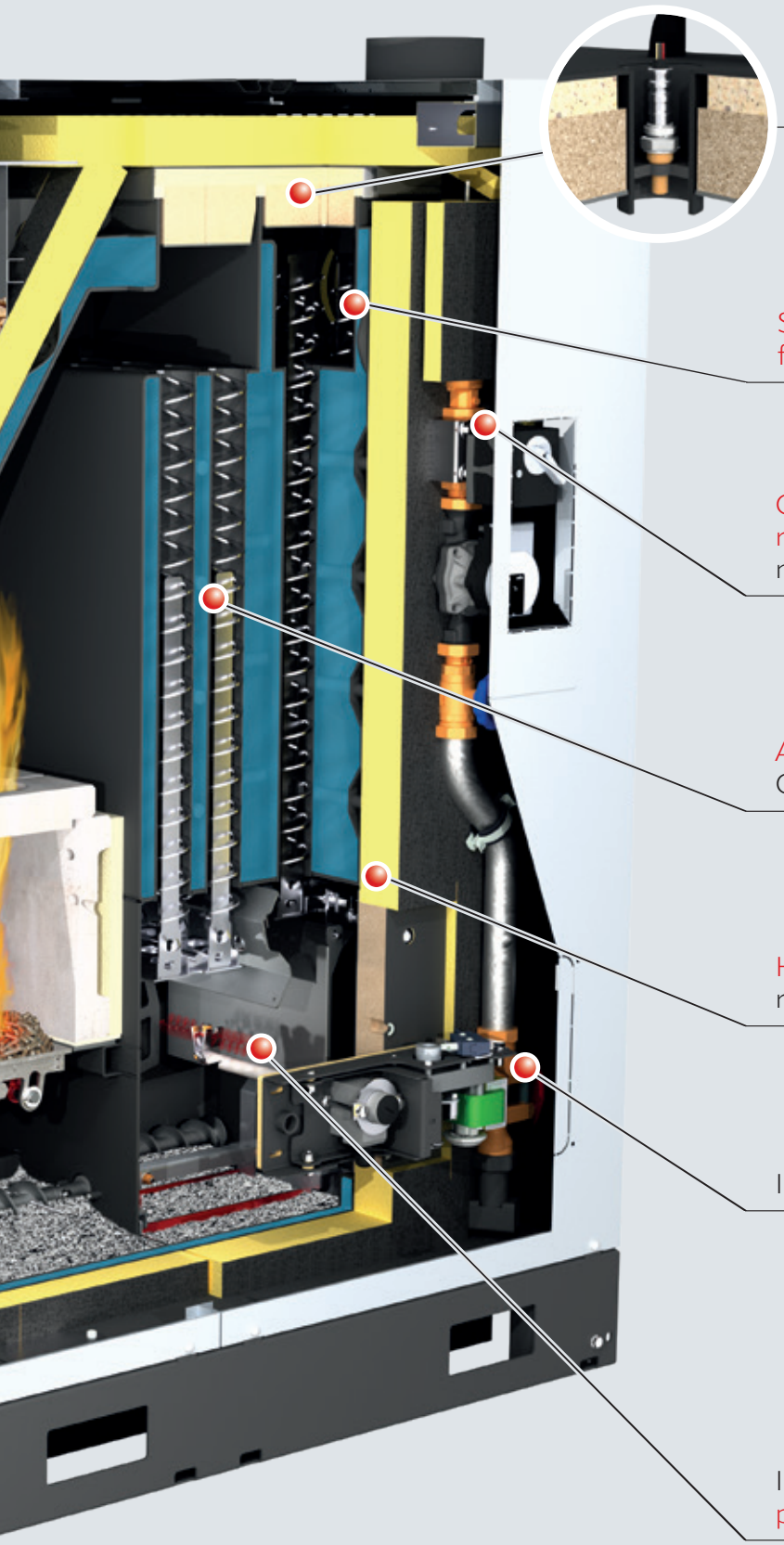
High-quality combustion chamber made of silicon carbide

Power-saving ceramic glow igniter for minimised energy consumption

Automatic ash removal into two closed ash containers (optional external ash removal)

Patented slatted tipping grate for optimum cleaning of the grate





Lambda probe for optimum combustion

Speed-controlled EC induced draught fan with function monitor

Continuously integrated return temperature control for maximum efficiency

Automatic WOS system Efficiency Optimisation System

High-quality insulation for minimal radiant heat loss

Integrated balancing valve

NEW!

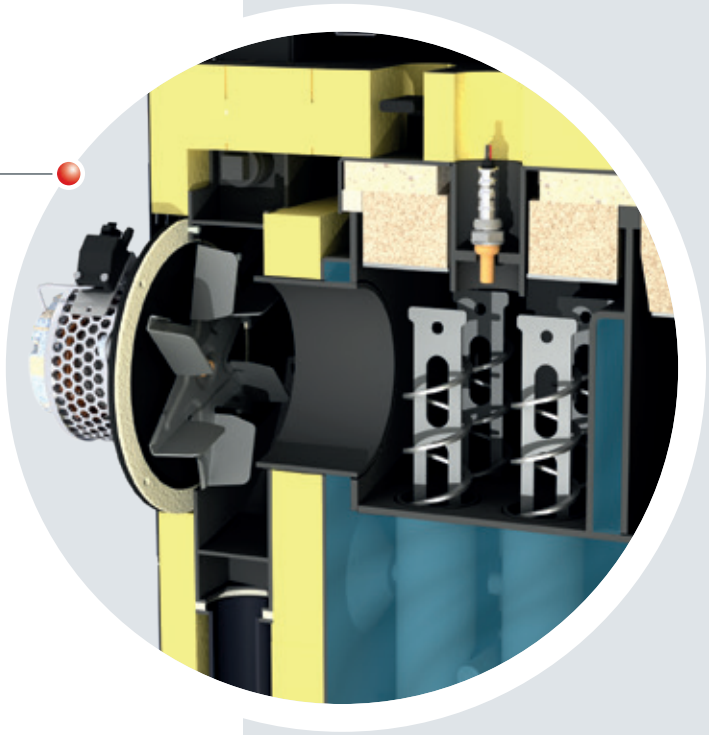
Integrated particle separator (electrostatic precipitator) available as an option

A WELL-DESIGNED HOME FOR GREATER CONVENIENCE

Speed regulated EC induced draught fan

The speed-regulated EC induced draught fan ensures the exact air quantity for combustion. As the induced draught fan is speed-controlled, it stabilises combustion throughout the entire combustion time and adjusts the air quantity to the output and the respective material. Working together with the lambda controller, it ensures optimum combustion conditions. The speed-controlled induced draught fan has a significantly higher efficiency than conventional induced draught fans with AC motors. This results in significant power savings, especially in partial load conditions.

Advantages:
- Maximum ease of use
- Continuous optimisation of combustion
- Up to 40 % less power consumption



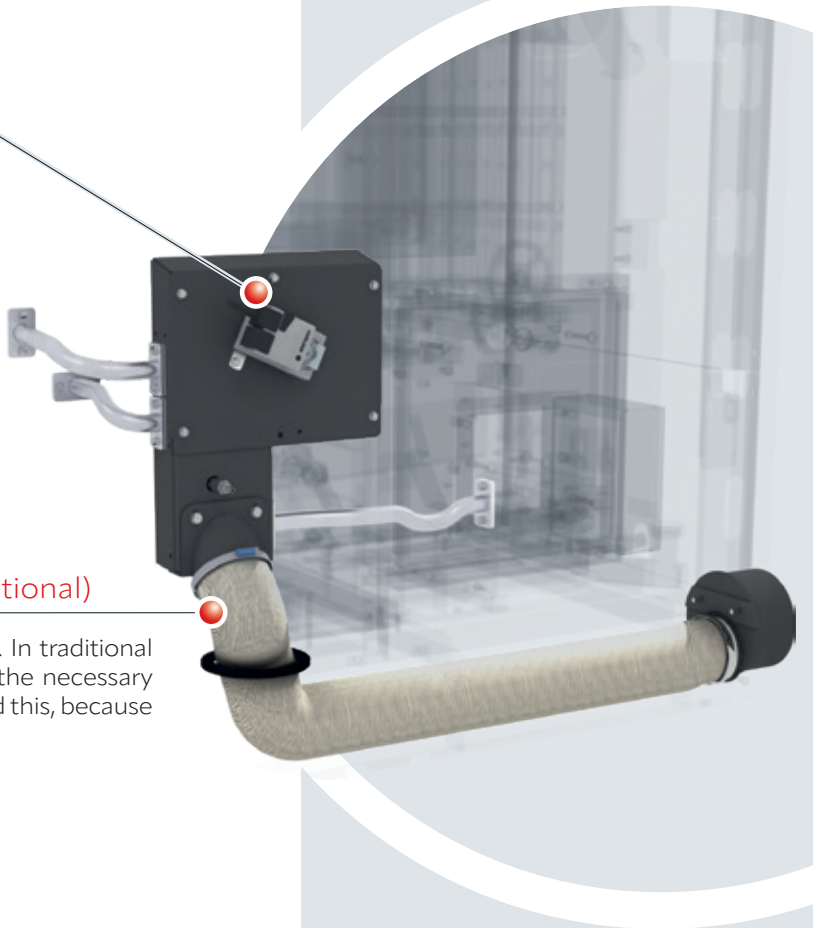
Precise primary and secondary air control

Combustion in the P5 Pellet is controlled by under-pressure. Combined with the EC induced draught fan, this guarantees very high operating safety. The innovative control of air distribution in the combustion zone is a new feature. Primary and secondary air are optimally adjusted to the conditions in the combustion chamber with only one actuator. Combined with the lambda control as standard, this ensures that emissions are kept to a minimum and that maximum efficiency is achieved.

Operation independently of the room air (optional)

Energy-saving houses often have a closed building shell. In traditional boiler rooms there can be uncontrolled heat loss from the necessary supply air openings. Boilers independent of room air avoid this, because they have a direct air intake connection.

Advantages:
- Perfectly suited to low-energy houses
- Maximum efficiency



The slide valve to the fuel store

When fuel is being fed from the fuel store to the pellet container, the fuel store gate valve to the fuel store opens. The gate valve to the burner closes simultaneously.

Double gate valve system

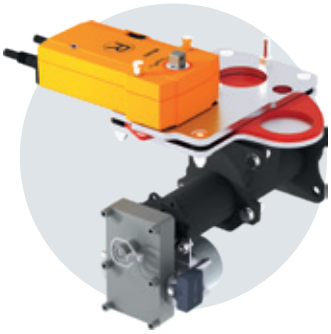
The gate valve to the fuel store and the gate valve to the burner provide a double valve system ensuring maximum operating safety.

Advantages:
- Maximum operational safety
- Maximum burn back protection

Large pellet container

The spacious pellet container reduces the frequency of pellet feeding. The pellet container is filled automatically by the external suction turbine. The capacity of the P5 Pellet 45-60 kW is 170 litres (optional 230 litres), the capacity of the P5 Pellet 70-105 kW is 250 litres (optional 310 litres).

Advantages:
- Easy filling
- Infrequent pellet feed cycle due to the larger capacity



Slide valve to the burner

This valve is open during the heating process, while the sliding valve to the fuel store is closed at the same time. In the event of a power cut or malfunction, the slide valve closes automatically and therefore offers maximum safety.

Fast, energy-saving ignition

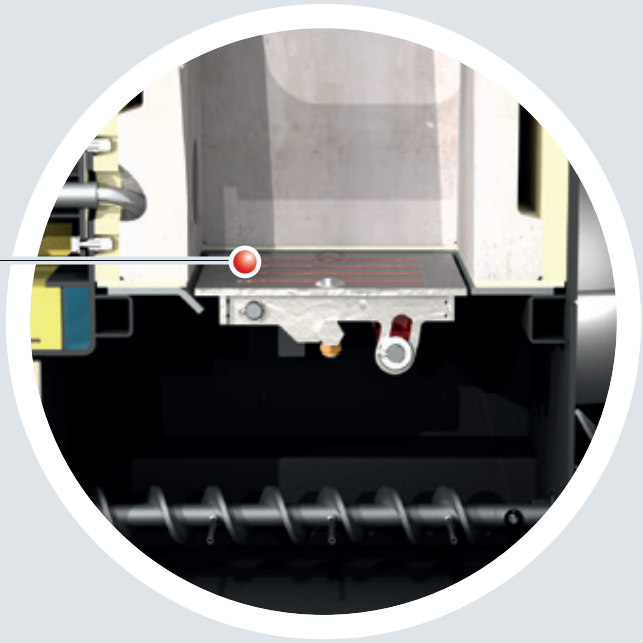
The silent ceramic igniter ensures safe and energy-saving ignition of the fuel. Thanks to the hot combustion zone, after short periods in idle mode the fuel is automatically reignited by the residual embers. It is only necessary to start the igniter after longer combustion pauses.

Advantages:
- Silent ceramic igniter for reliable ignition
- Automatic ignition by residual embers
- No separate blower fan required

NO COMPROMISES WITH CONVENIENT ASH REMOVAL

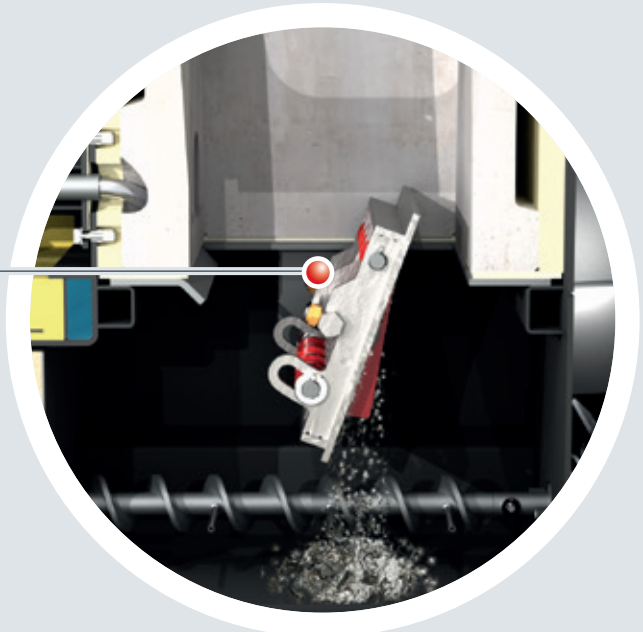
Optimum combustion in the heating phase

The patented slatted tipping grate ensures thorough cleaning thanks to its special design. It offers consistent air conditions to achieve optimal combustion.



Perfect cleaning during the cleaning phase

Thanks to the 110° inclination, the ash is completely cleaned off the tipping grate.



With automatic ash removal, the ash is fed into an external ash container. The clever locking mechanism makes it quick and easy to remove the ash container.

Convenient ash removal

We never compromise on convenience. The ash that gathers is automatically fed into two enclosed ash containers via the ash screw. The time of emptying can be seen on the screen.

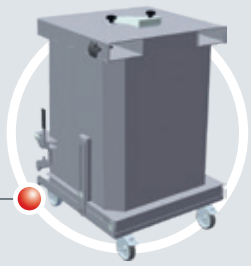
Advantages:
- Long emptying intervals
- Convenient emptying

Optional: Ash discharge into standard dustbin or flap-bottomed container

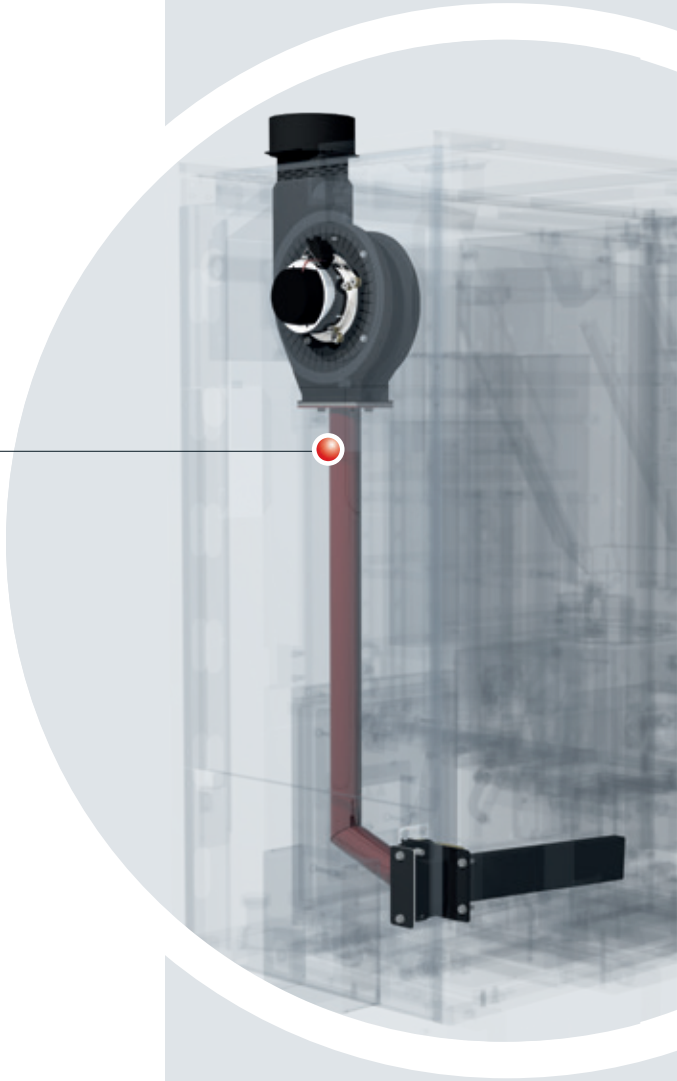
For added convenience, ash can optionally be emptied into a standard 240 litre dustbin or 330 litre flap-bottomed container. The ash is automatically conveyed into the dustbin/flap-bottomed container where it can be easily emptied. This ensures long emptying intervals and maximum convenience.

Standard dustbin (240 litres)

Flap-bottomed container (330 litres)



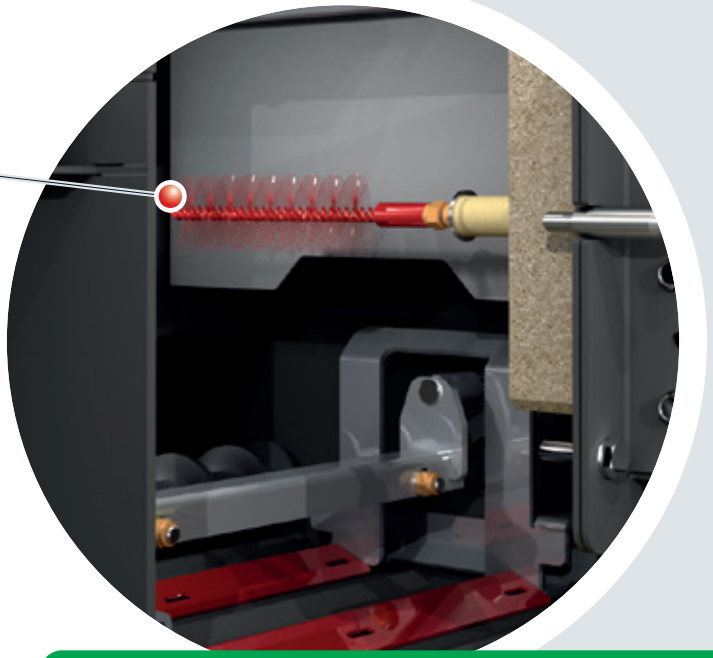
INTELLIGENT DESIGN
DOWN TO THE LAST DETAIL



Flue gas recirculation FGR

The flue gas recirculation system FGR mixes part of the flue gas with the combustion air and returns it to the combustion system. The FGR optimises combustion and performance, and also reduces the NOx emissions and dust emissions. The lower combustion temperatures offer added protection for flame-swept parts.

Advantages:
- Ideal combustion conditions
- Intelligent control of air quantity
- Reduced exhaust emissions



Integrated particle separator (electrostatic precipitator) available as an option

The optionally available particle separator (electrostatic precipitator) can be retrofitted at any time. This means that the fine dust emissions from the boiler, which are very low in any case, can be reduced to a level close to the limit of measurement. Cleaning down is fully automatic.

Advantages:
- Can be retrofitted on site
- Quick installation
- Combined cleaning of the separator surfaces using the heat exchanger optimisation system (WOS)
- Cleaning the electrode using an impact device
- Fulfils the funding guidelines in Germany (entitlement to the emissions reduction surcharge)

NEW! Integrated particle separator (electrostatic precipitator) available as an option

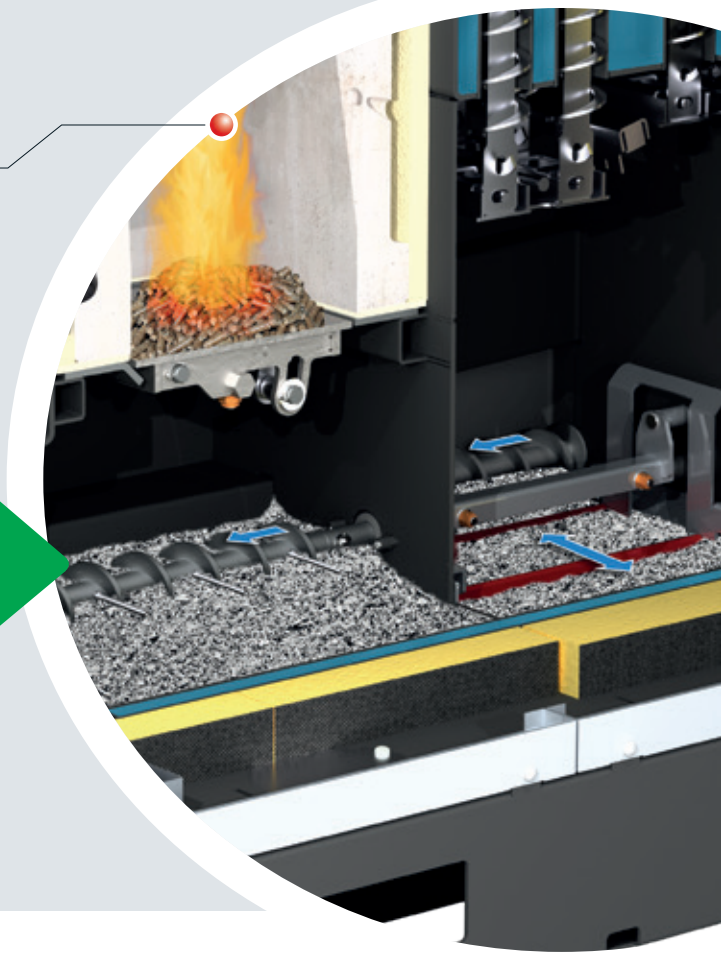
High-temperature silicon carbide combustion chamber and perfect combustion control

The firebricks are made entirely of high-quality fireproof material (silicon carbide). The hot combustion zone ensures optimal combustion and very low emissions.

Patented firebrick!

The patented shaping of the firebrick stones gives the air duct in the combustion chamber particularly good airtightness without the need to use expensive wearing seals. The new shape of the stones also considerably simplifies the maintenance of the combustion chamber as they can be removed easily.

Advantages:
- Very high temperature resistance for a long working life
- Optimum emission values



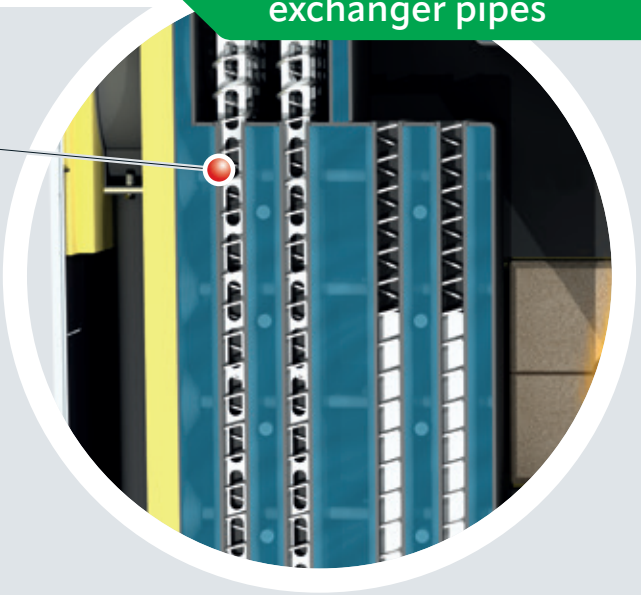
Ash discharge system with separate ash screws and ash rakes

Automatic ash removal from the combustion chamber and from the heat exchanger into the ash container is by means of two separate ash screws, which are powered by a common geared motor. This ensures a clear separation and absolute tightness between the combustion chamber and the heat exchanger and eliminates the risk of air leaks. The ash screws are speed controlled. The boiler automatically generates a warning message when the ash box is full.

At the same time, the common geared motor drives the ash rake in the lower reversing chamber, which reliably transports the heat exchanger ash to the ash screw on the side.

Advantages:
- Optimum emptying behaviour
- No risk of air leakage thanks to the two separate ash containers
- Just one common drive

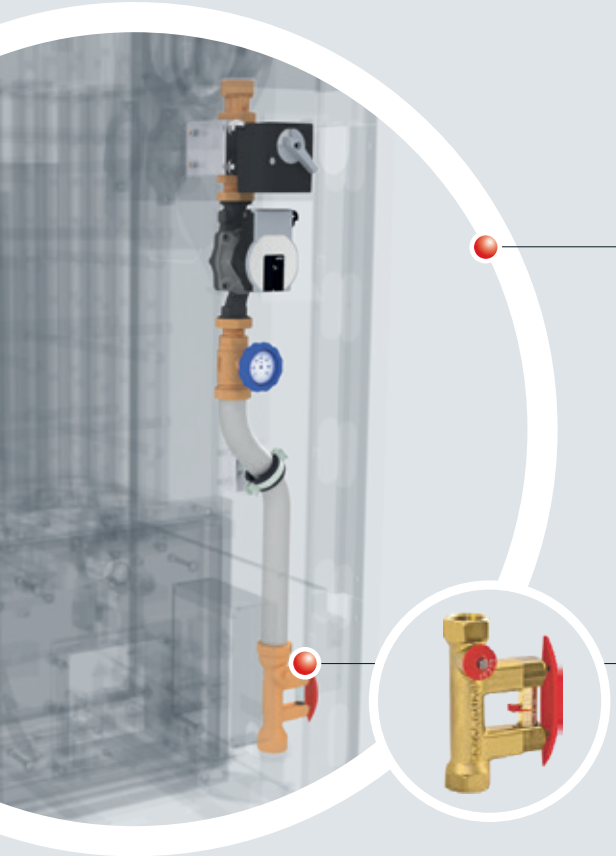
Cleaning of all heat exchanger pipes



Heat exchanger with automatic cleaning (WOS) of all passes

The integrated WOS (Efficiency Optimisation System) - which comes as standard - consists of special turbulators, which are installed in the heat exchanger pipes and clean them by moving up and down. This means clean heating surfaces and thus greater efficiency and lower fuel consumption. The displacement bodies used in the core optimise heat transfer and increase efficiency to a maximum.

Advantages:
- Thorough automatic cleaning
- Continuously high efficiency
- Savings on fuel



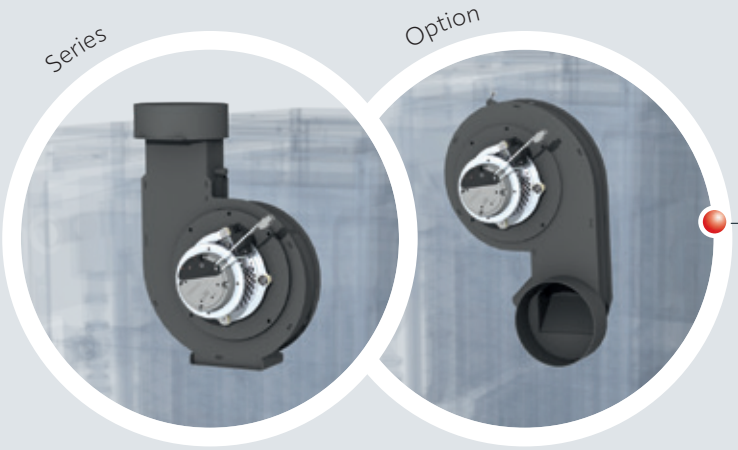
Continuously integrated return temperature control

The return temperature control integrated as standard avoids unnecessary radiant heat loss, thus guaranteeing maximum efficiency. An external return temperature control is therefore no longer necessary and saves installation time. The components are intelligently built-in and the main parts (e.g. pump) are visible from the outside and easily accessible.

Advantages:
- Minimum radiant heat losses
- Maximum efficiency
- No external return temperature control required
- Saves space in the boiler room

Line regulating valve

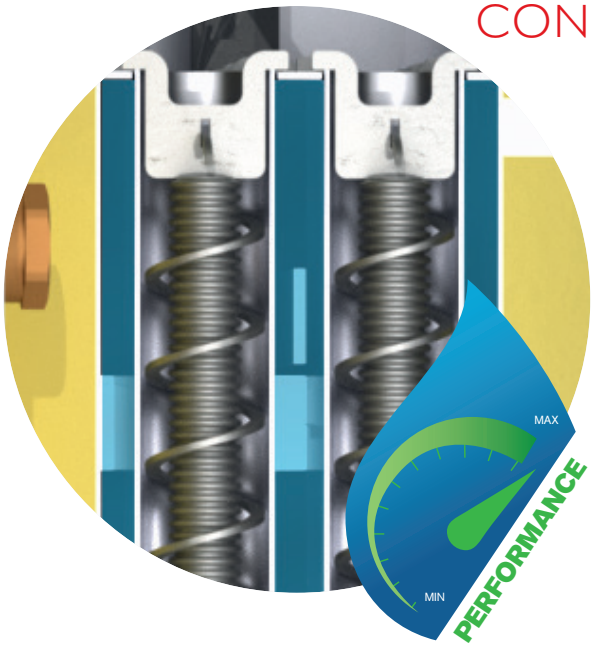
Advantages:
- Optimum hydraulic balancing of the boiler system to the storage tank



NEW! As an option, flue pipe can be connected at the rear

Flue pipe connection with angular adjustment

The optional conversion kit allows the flue pipe to be connected to the rear of the boiler at a height of just 1090 mm. This means that existing chimney systems can be used without the need for costly conversions.



CONDENSING BOILER TECHNOLOGY FOR PELLET BOILER

The P5 Pellet is also available in a model with innovative condensing boiler technology in the 45-60 kW output range. With conventional solutions, the energy contained in the flue gas escapes up the chimney, unused. Thanks to an additional heat exchanger positioned on the back of the boiler, this energy is now supplied to the heating system. This results in more effective operation and greater efficiency. Froling won the innovation prize at the ExpoEnergy trade fair in Wels for condensing boiler technology in the biomass sector as early as 1996, making it a pioneer in the field. The heat exchanger is made of high-quality stainless steel. Cleaning is done using a water flushing system with automatic cleaning.

Advantages:

- Reduced pellet consumption leads to lower fuel costs
- Reduced emissions
- Automatic cleaning

Requirements for optimal use:

- Lowest possible return temperature (e.g. floor or wall heating)
- Moisture-resistant and soot fire-resistant flue gas system
- Duct connection for drainage of condensation and rinse water

SPACE-SAVING & SMART CONNECTION OPTION

1 Pellet suction hose connection from above

2 Flue pipe connection and discharge drain, rear

3 Perfect connection to the chimney using the Froling connection pipe FAR

INSTALLATION EXAMPLES IN PRACTICE

RS 4 / RS 8 pellet suction system

The RS 4 / RS 8 pellet suction system creates more space in your fuel store. Thanks to the fact that the suction probes are flexible in terms of location, it is possible to make optimal use of every shape of room.

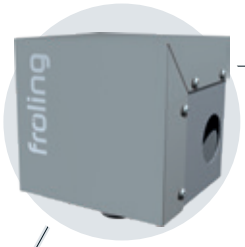
Advantages:
- Easy to install
- Sloping sides in the bunker not absolutely necessary
- Automatic switching between probes
- Automatic back flushing
- Maintenance-free system

Automatic choice of probes

It automatically selects 4 or 8 suction probes in specified cycles, it is controlled by the pellet boiler. If, however, the suction probe unexpectedly malfunctions, the situation is remedied by a fully automatic reversal of the air duct / back flushing (as illustrated).

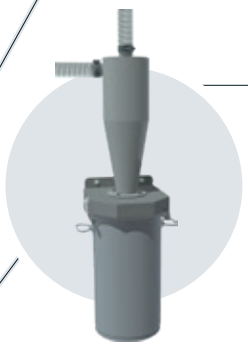
4-suction probe manual system

Design as above with the difference that switching between the suction probes is by hand/manual.



External suction module (included in the scope of delivery)

An external suction module is used for automatic fuel feed from the fuel store into the pellet container. The suction module can be fitted in any position in the return air line.



PST pellet deduster (optional)

The PST pellet deduster can be fitted in any position in the return air line of the pellet suction system. The suction cyclone design means that the dust particles are separated from the return air and trapped internally. This greatly reduces soiling of the fuel store. The container is convenient to remove and transport to the emptying point. The system is also maintenance-free.

Pellet filler pipes

The pellets are delivered by tanker and blown into the store through a filling pipe. The second pipe is used for controlled and dust free removal of the escaping air.

Pyramids for fuel store optimisation

Pyramids can be placed between the probes to reduce the remaining quantities in the store.

More information can be found in the Froling brochure “Discharge systems for pellets“

Variosilo pellet bag

The Variosilo pellet bag provides the best possible storage volume within its footprint. Thanks to the use of lifting springs the entire footprint can be used as storage volume at the time of filling. As the silo bag is emptied the fabric lifts at one side thus forming a gradient towards the delivery side, allowing the full quantity of pellets to be sucked up.

Pellet box (3.3 t - 12.5 t)

The pellet box is assembled on site from prefabricated steel sheets (no drilling, cutting or welding required) and therefore guarantees quick and easy installation. Due to the self-supporting construction, no drilling or sloping work on existing walls is necessary. As the individual parts are screwed together on the inside, the tank can easily be installed in a corner, niche or low room. For discharge, you can choose between a system using suction probes or a screw conveyor system. It is also ideal for fuel stores with high humidity.

Pellet suction screw 80 (can be customised)

The Froling suction screw (Ø 80) is the ideal solution for rectangular rooms with removal from the narrow end. The deep and horizontal position of the discharge screw means the space in the room is used optimally and complete emptying of the fuel store is guaranteed. Combined with a suction system from Froling it also enables flexible boiler installation.

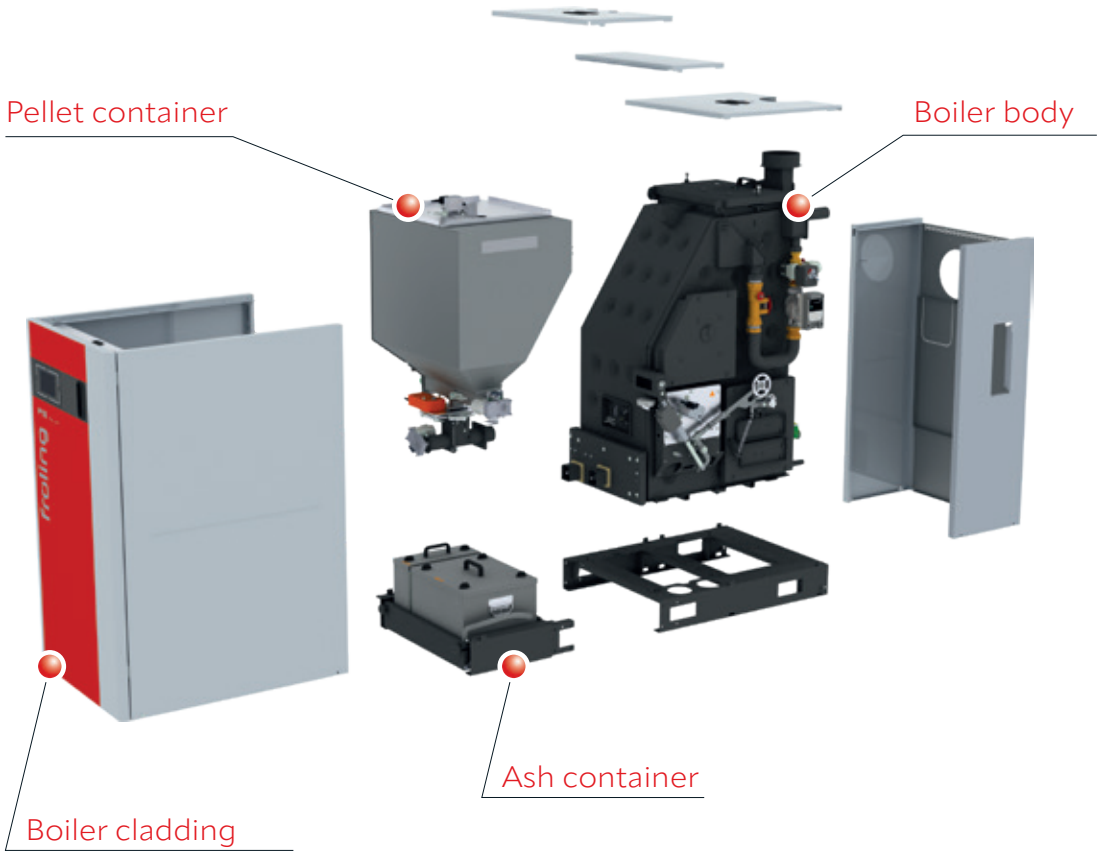
Pellet mole E3® (up to 40 t)

The E3® pellet mole supplies a pellet requirement of several tonnes a year to pellet boilers. A typical fuel store size is around up to 40 tons of pellets or 60m³ capacity in various shapes - from round and square to rectangular, making the E3® pellet mole hugely versatile.

More information can be found in the Froling brochure "Discharge systems for pellets"

DIVISIBILITY FOR COMPLEX INSTALLATION SITUATIONS

Well thought out! With the P5 Pellet 45 - 105 kW pellet boiler, certain boiler components can be dismantled, guaranteeing easy and simple installation in almost any boiler room.



INDIVIDUAL CONTROLLER FOR THE HEATING SYSTEM

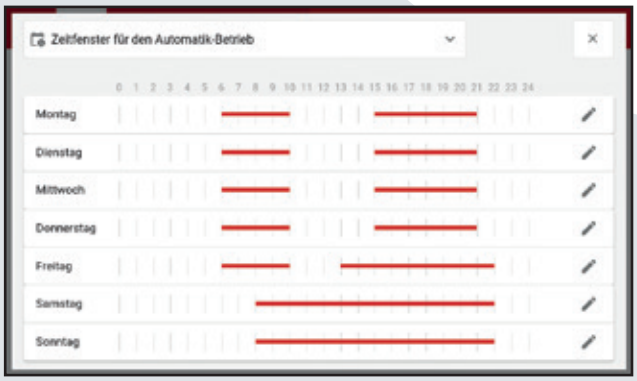
Lambdatronic 5000 controller

With the new Lambdatronic 5000 boiler controller and the modern **7" glass touch display**, Fröling is moving into the future. The new design is impressive, not only for its intuitive operation but also its numerous new features. The most important components can be freely selected in the tile overview and information and error messages can be customised. For example, the controller will inform you when the ash boxes need to be emptied. This makes operating and running the system even simpler and easier to understand. The intelligent control management enables the virtually unlimited integration of heating circuits, hot water tanks and storage tanks.

Advantages:
- Precise combustion control by a Lambda controller using a Lambda probe
- Connection of heating circuits, water heaters and storage tank management systems
- Integration capability for a solar panel system
- LED frame for status display with illuminated presence detection
- Simple, intuitive operation
- Always up-to-date thanks to remote updates
- Various SmartHome solutions (e.g. Loxone, Modbus TCP) Remote control from the living room (room console) or via the Internet (froeling-connect.com)

SIMPLE & INTUITIVE OPERATION

Overview of the installed systems in a tile display



Heating time control for individual determination of heating times

EVERYTHING AT A GLANCE AT ALL TIMES WITH FROLING CONNECT

The Froling "Connect" App allows you to check and control your Froling boiler online from anywhere at any time. You can read and modify the main status information and settings easily and conveniently online. You can also specify which status messages you want to be informed about via e-mail or push notifications (e.g. when the ash boxes should be emptied or in the event of faults).

Once the boiler has been connected to the internet and activated, the system can be accessed 24/7 from anywhere using a web-enabled device (mobile, tablet, PC, etc.). The app is available in the Android Play Store and iOS App Store.

- Simple and intuitive operation of the boiler
- Status values can be viewed and changed in seconds
- Individual naming of the heating circuits
- Changes of status are transmitted directly to the user (for instance by e-mail or push notifications)
- No additional hardware (such as an Internet gateway) required

SMART HOME

Enjoy smart, convenient and peace-of-mind living with the Smart Home connection options from Froling.

Integration of Loxone possible

Modbus

The system can be integrated into a building management system via the Froling mod bus interface.

NEW!

RBG 5000 room console

The new RBG 5000 room console makes the system even more convenient. You can control the heating system easily from your living room. Important system values are clearly displayed and settings can be changed at the push of a button. The RBG 5000 can be conveniently integrated via LAN/PoE or WLAN.

Room controller (digital)

The most important operating modes and temperatures of the assigned heating circuit can be displayed and set or selected very easily with the room controller, which measures just 8 x 8 cm. By continuously balancing the setpoint and actual temperature in the room, the room controller ensures the desired cosy temperature and adjustment of the heating circuit flow temperature.

Room temperature sensor (analogue)

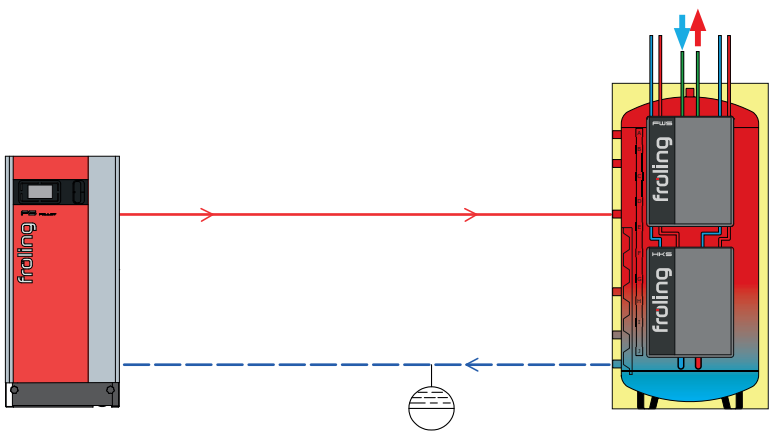
The room temperature sensor measures the room temperature and passes this on to the boiler. This ensures perfectly matched operation of the boiler. The temperature can also be shown on the boiler display, on the room console or in froeling-connect (app or web interface).

SYSTEM TECHNOLOGY FOR EFFICIENT USE OF ENERGY

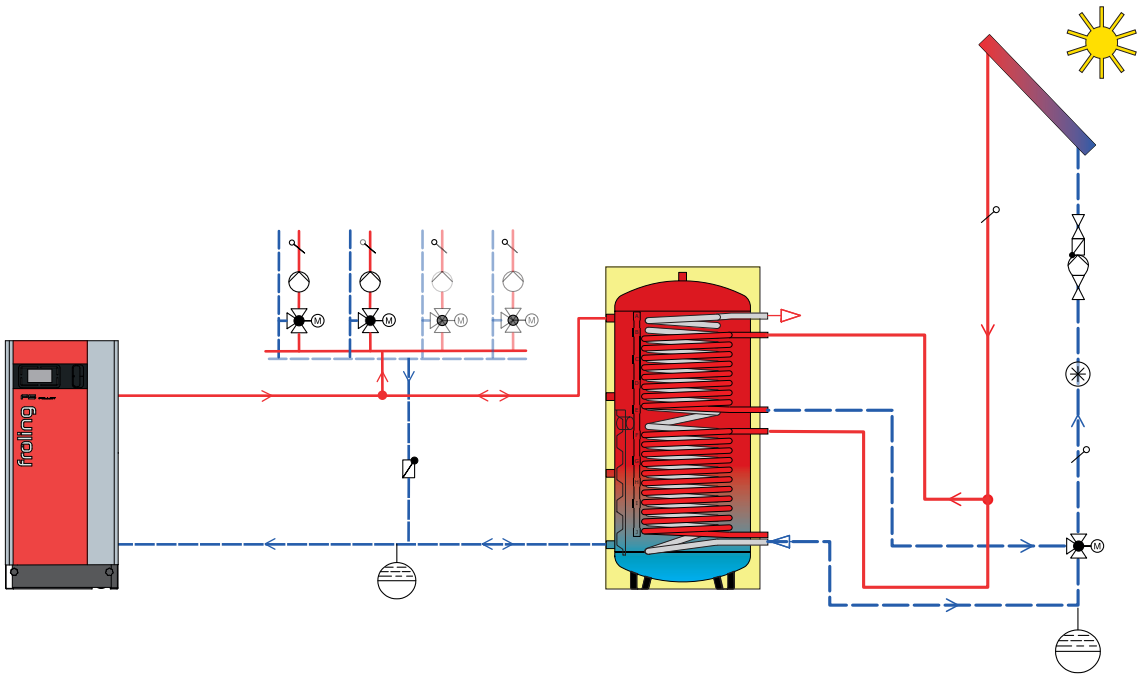
Froling systems engineering offers efficient energy management. Any number of storage tanks, hot water tanks and heating circuits can be included in the heat management system. You can also benefit from the ability to integrate other means of energy production such as solar panel systems.

Advantages:
- Complete solution for all requirements
- Perfectly matched components
- Integration of solar power

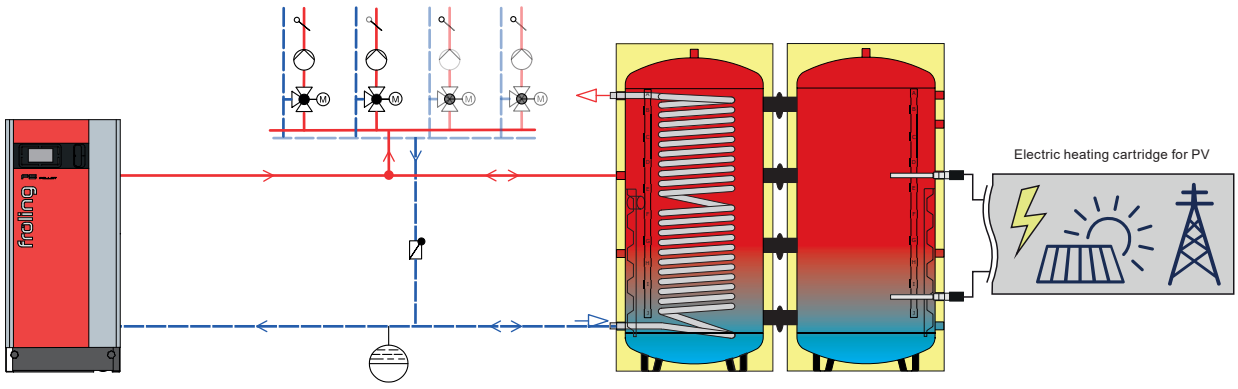
P5 Pellet 45 - 105 kW with HS modular layered tank, FWS fresh water station and HKS heating circuit station *



P5 Pellet 45 - 105 kW with H3 hygiene solar layered tank and solar connection *



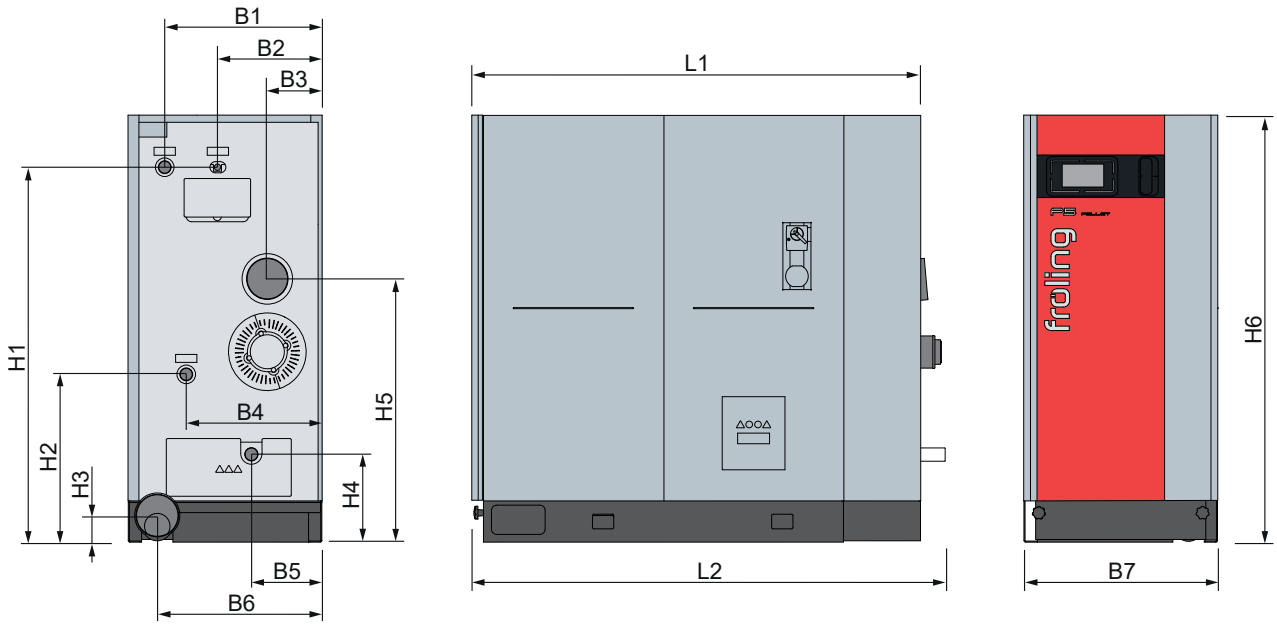
P5 Pellet 45 - 105 kW with H2 hygienic layered tank and double electric heating cartridge *



The schematic configurator (partner area) makes it possible to realise many other hydraulic connection options!

* Return temperature control with ME pump assembly and line regulating valve integrated in boiler.

DIMENSIONS
P5 PELLET 45 - 60 kW
WITH CONDENSING BOILER TECHNOLOGY



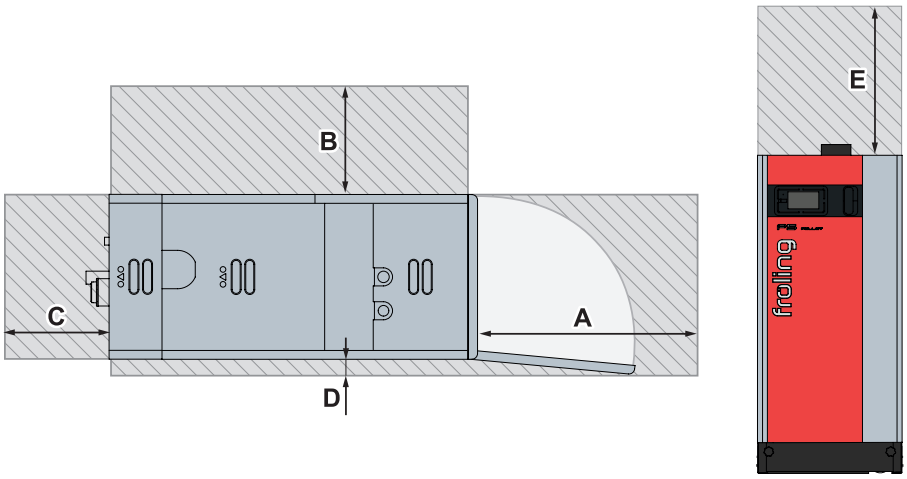
All dimensions in mm - P5 Pellet 45-60 kW with condensing boiler technology	45	50	55	60
L1 Length of boiler	1690	1690	1690	1690
L2 Total length incl. flue gas pipe connection	1780	1780	1780	1780
B1 Clearance from flow connection to the side of boiler	590	590	590	590
B2 Clearance from fresh water connection to the side of boiler	395	395	395	395
B3 Clearance from flue gas pipe connection to the side of boiler	205	205	205	205
B4 Clearance from return connection to the side of boiler	510	510	510	510
B5 Clearance from condensation drain connection to the side of boiler	270	270	270	270
B6 Clearance from condensation drain connection to the side of boiler	560	560	560	560
B7 Boiler width	730	730	730	730
H1 Height of flow connection / fresh water	1425	1425	1425	1425
H2 Height, return connection	645	645	645	645
H3 Height of supply air connection (optional)	100	100	100	100
H4 Height, condensation drain connection	330	330	330	330
H5 Height, flue pipe connection	1025	1025	1025	1025
H6 Boiler height	1620	1620	1620	1620
Inside flue spigot diameter	152	152	152	152

TECHNICAL DATA
P5 PELLET 45 - 60 kW
WITH CONDENSING BOILER TECHNOLOGY

Technical specifications - P5 Pellet 45-60 kW		45	50	55	60
Nominal heat output range[1]	[kW]	14.9 - 49.5	16.5 - 55	18.2 - 60.5	19.8 - 66
Power consumption (nominal load)	[W]	40	43	45	48
Power connection	[V/Hz/A]	230 V / 50 Hz / fused C16A			
Weight	[kg]	750	750	750	750
Total boiler capacity (water)	[l]	145	145	145	145
Pellet container capacity	[l]	170 (optionally expandable to 230)			
Capacity Ash container grate / heat exchanger	[l]	37 / 12	37 / 12	37 / 12	37 / 12

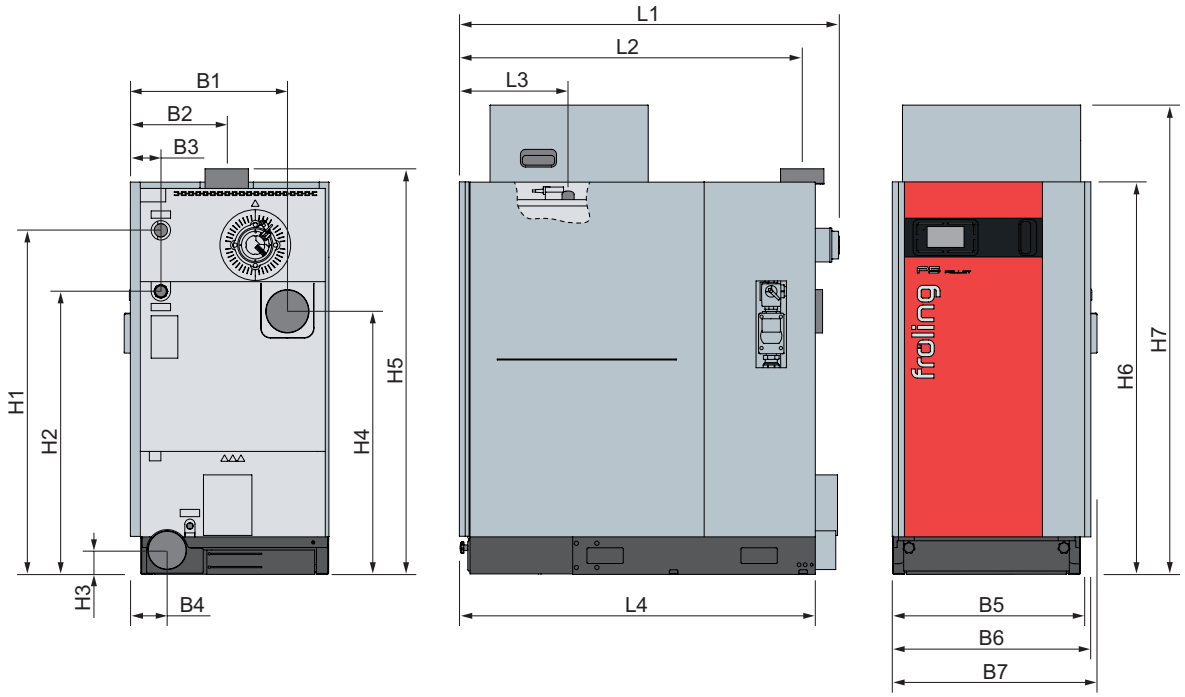
[1] Please note the eligible storage tank content for Germany! Please observe the subsidy regulations with regard to the required storage tank (eligibility).

OPERATING & MAINTENANCE AREAS
P5 PELLET 45 - 60 kW
WITH CONDENSING BOILER TECHNOLOGY



Recommended distances in mm - P5 Pellet 45-60 kW		45	50	55	60
A	Insulated door to the wall	730	730	730	730
B	Side of the boiler to the wall	500	500	500	500
C	Back to wall	300	300	300	300
D	Side of the boiler to the wall	30	30	30	30
E	Maintenance area above the boiler for removing the WOS springs upwards	500	500	500	500
Minimum room size (L x W)		2720 x 1260			

DIMENSIONS
P5 PELLET 45 - 60 kW



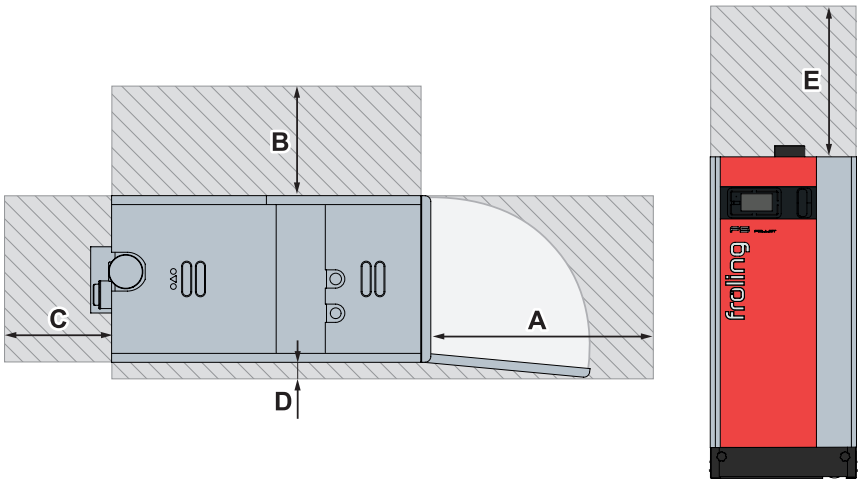
Dimensions in mm - P5 Pellet	45	50	55	60
L1 Total length incl. flue gas pipe connection	1490	1490	1490	1490
L2 Clearance from flue gas pipe connection to the side of boiler	1335	1335	1335	1335
L3 Clearance from hose lines to the side of boiler	415	415	415	415
L4 Length of boiler	1400	1400	1400	1400
B1 Clearance from rear flue gas pipe connection to the side of boiler (optional)	580	580	580	580
B2 Clearance from flue gas pipe connection to the side of boiler	335	335	335	335
B3 Distance of flow/return connection from side of boiler	140	140	140	140
B4 Clearance from supply air connection to the side of boiler (optional)	110	110	110	110
B5 Access width required	730	730	730	730
B6 Boiler width	730	730	730	730
B7 Total width	730	730	730	730
H1 Height, flow connection	1425	1425	1425	1425
H2 Height, return connection	1175	1175	1175	1175
H3 Height of supply air connection (optional)	100	100	100	100
H4 Height of rear flue gas pipe connection (optional)	1090	1090	1090	1090
H5 Height, flue pipe connection	1675	1675	1675	1675
H6 Boiler height	1620	1620	1620	1620
H7 Boiler height incl. attachment for pellet container (optional)	1940	1940	1940	1940
Flue spigot diameter, outside	149	149	149	149

TECHNICAL DATA
P5 PELLET 45 - 60 kW

Technical specifications - P5 Pellet 45-60 kW		45	50	55	60
Nominal heat output range[1]	[kW]	13.5 - 45	15 - 50	16.5 - 55	18 - 60
Power consumption (nominal load)	[W]	65	69	73	77
Power connection	[V/Hz/A]	230 V / 50 Hz / fused C16A			
Weight	[kg]	650	650	650	650
Boiler capacity (water)	[l]	113	113	113	113
Pellet container capacity	[l]	170 (optionally expandable to 230)			
Ash container capacity combustion Grate / Heat exchanger	[l]	37 / 12	37 / 12	37 / 12	37 / 12

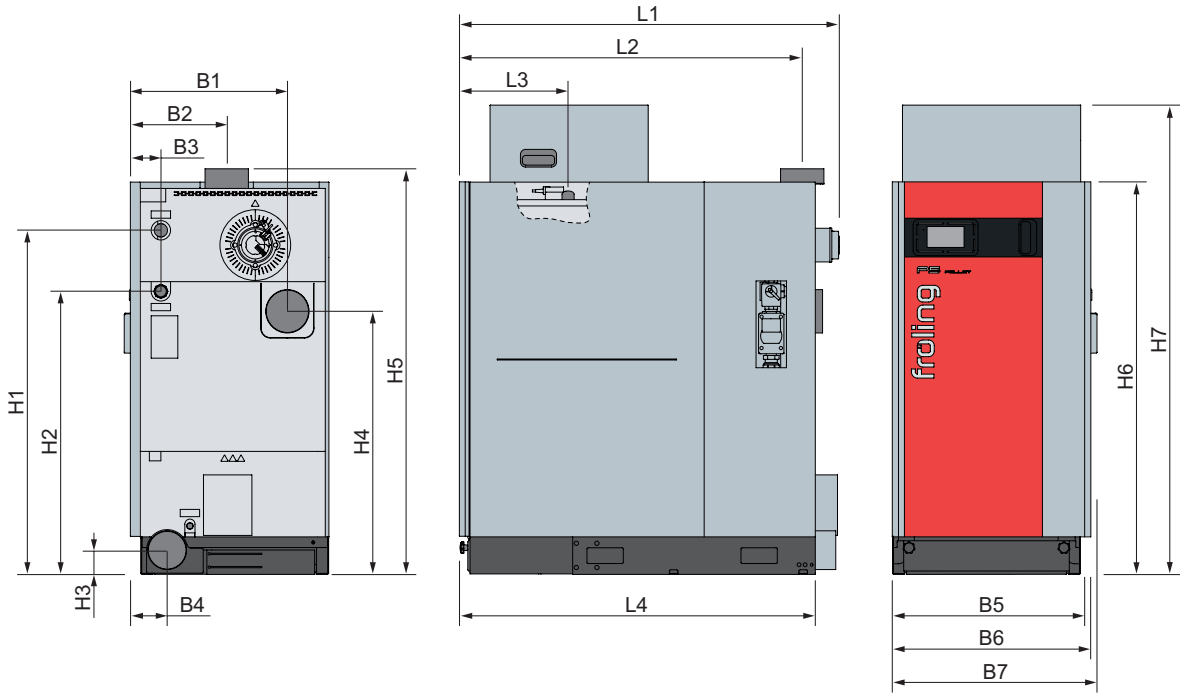
[1] Please note the eligible storage tank content for Germany! Please observe the subsidy regulations with regard to the required storage tank (eligibility).

OPERATING & MAINTENANCE AREAS
P5 PELLET 45 - 60 kW



Recommended distances in mm - P5 Pellet 45-60 kW		45	50	55	60
A	Insulated door to the wall	730	730	730	730
B	Side of the boiler to the wall	500	500	500	500
C	Back to wall	300	300	300	300
D	Side of the boiler to the wall	30	30	30	30
E	Maintenance area above the boiler for removing the WOS springs upwards	500	500	500	500
Minimum room size (L x W)		2430 x 1260			

DIMENSIONS & TECHNICAL DATA
P5 PELLET 70 - 105 kW



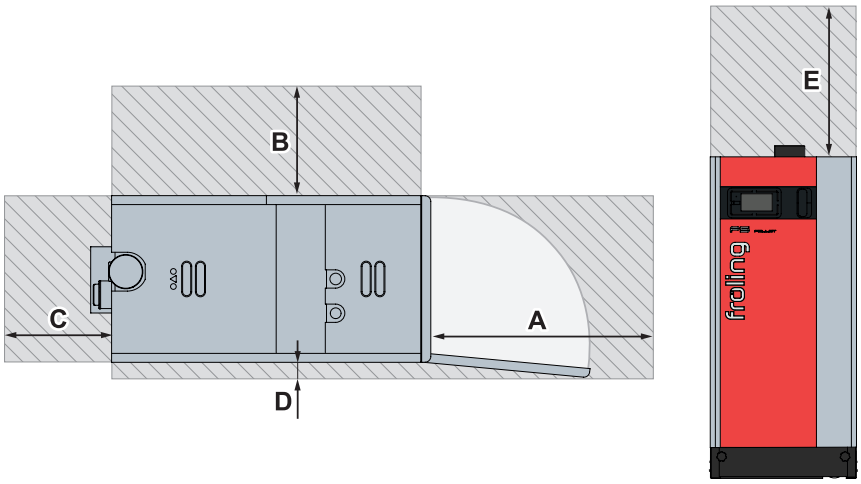
Dimensions in mm - P5 Pellet	70	80	90	100	105
L1 Total length incl. flue gas pipe connection	1570	1570	1570	1570	1570
L2 Clearance from flue gas pipe connection to the side of boiler	1415	1415	1415	1415	1415
L3 Clearance from hose lines to the side of boiler	450	450	450	450	450
L4 Length of boiler	1470	1470	1470	1470	1470
B1 Clearance from rear flue gas pipe connection to the side of boiler (optional)	650	650	650	650	650
B2 Clearance from flue gas pipe connection to the side of boiler	400	400	400	400	400
B3 Distance of flow/return connection from side of boiler	125	125	125	125	125
B4 Clearance from supply air connection to the side of boiler (optional)	150	150	150	150	150
B5 Access width required	780	780	780	780	780
B6 Boiler width	820	820	820	820	820
B7 Total width	845	845	845	845	845
H1 Height of flow connection	1420	1420	1420	1420	1420
H2 Height of return connection	1170	1170	1170	1170	1170
H3 Height of supply air connection (optional)	100	100	100	100	100
H4 Height of rear flue gas pipe connection (optional)	1085	1085	1085	1085	1085
H5 Height, flue pipe connection	1675	1675	1675	1675	1675
H6 Boiler height	1620	1620	1620	1620	1620
H7 Boiler height incl. attachment for pellet container (optional)	1940	1940	1940	1940	1940
Flue spigot diameter, outside	179	179	179	179	179

TECHNICAL DATA
P5 PELLET 70 - 105 kW

Technical specifications - P5 Pellet		70	80	90	100	105
Rated heat output[1]	[kW]	70	80	90	100	105
Power consumption (nominal load)	[W]	80	99	117	136	145
Power connection	[V/Hz/A]	230 V / 50 Hz / fused C16A				
Weight	[kg]	790	790	790	790	790
Boiler capacity (water)	[l]	130	130	130	130	130
Pellet container capacity	[l]	230 (optionally expandable to 310)				
Ash container capacity combustion Grate / Heat exchanger	[l]	51 - 15	51 - 15	51 - 15	51 - 15	51 - 15

[1] Please note the eligible storage tank content for Germany! Please observe the subsidy regulations with regard to the required storage tank (eligibility).

OPERATING & MAINTENANCE AREAS
P5 PELLET 70 - 105 kW



Recommended distances in mm - P5 Pellet		70	80	90	100	105
A	Insulated door to the wall	820	820	820	820	820
B	Side of the boiler to the wall	500	500	500	500	500
C	Back to wall	300	300	300	300	300
D	Side of the boiler to the wall	30	30	30	30	30
E	Maintenance area above the boiler for removing the WOS springs upwards	500	500	500	500	500
Minimum room size (L x W)		2590 x 1375				

Pellet boiler

PE1 Pellet	7 - 35 kW	P5 Pellet	12 - 105 kW
PE1c Pellet	16 - 22 kW	PT4e	100 - 350 kW

Firewood boiler

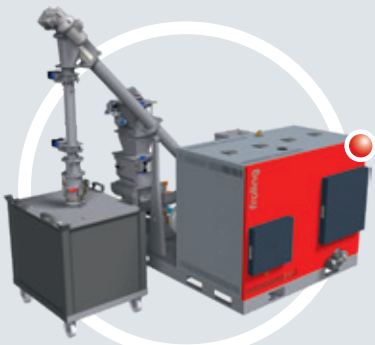
S1 Turbo	15 - 20 kW
S3 Turbo	20 - 45 kW
S4 Turbo	22 - 60 kW

Dual fuel boiler

SP Dual compact	15 - 20 kW
SP Dual	22 - 40 kW

Wood chip boiler / large systems

T4e	20 - 350 kW	TMe	350 - 550 kW
Turbomat	150 - 550 kW	Lambdamat	650 - 1500 kW



Heat and electricity from wood

CHP fixed bed gasifier system	46 - 56 kW (power consumption) 95 - 115 kW (thermal output)

Your Froling partner

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