

FUEL SUPPLY

Fuel Storage and Delivery Options

Effecta can offer you a variety of different fuel feed and delivery options with the Komplett Standard and Light. The range is extensive and we can supply everything from an integrated fuel store to manually fill with wood pellets, to auger fed for bulk storage solutions. However, the most popular solution is to vacuum-feed wood pellets from a remote, bulk fuel store. Once again, Effecta will have at least one solution that is right for your home.

Integrated Fuel Store

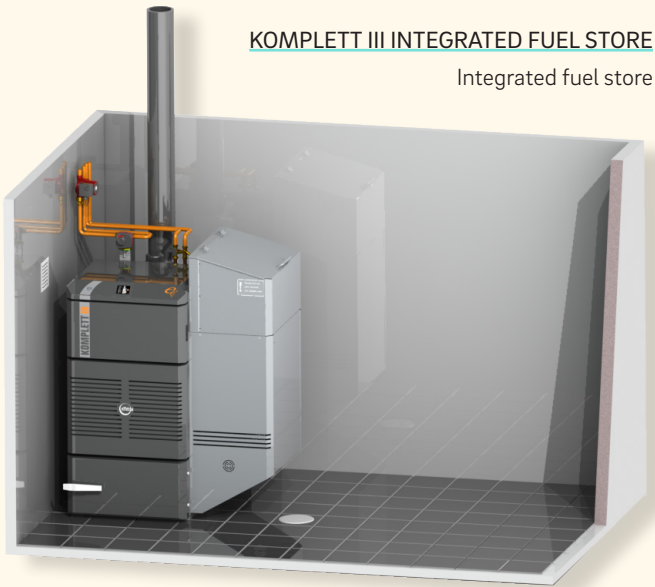
Within each boiler is a 200 litre integrated fuel store, which can hold enough wood pellets for several days of heating. A suction module can be retrofitted later on if you prefer, which gives you the comfort of knowing that you have options further down the road.

Auger-Fed Solutions

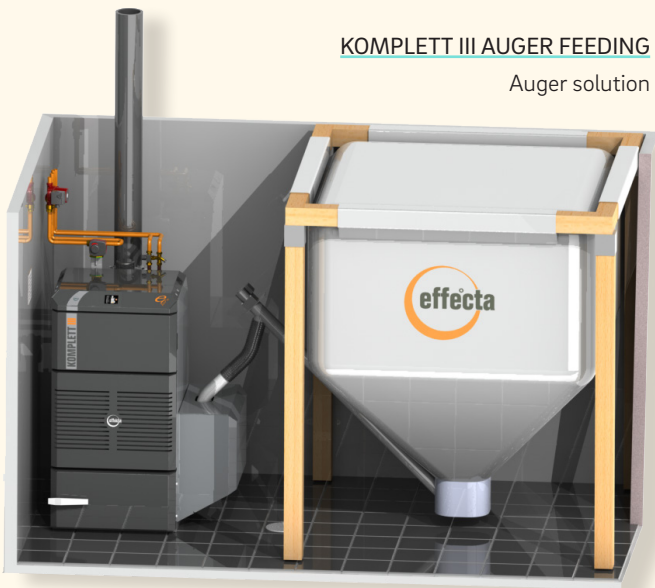
We offer three different auger sizes, which can feed wood pellets between 1.8 and 5 metres. This range gives you the flexibility to install a large, bespoke fuel store for bulk deliveries. The fuel store can be located in the room which the boiler is installed in or a room adjacent to the boiler. In both cases, the boiler would be separated from the fuel store by a fire-resistant wall.

Vacuum Fed System

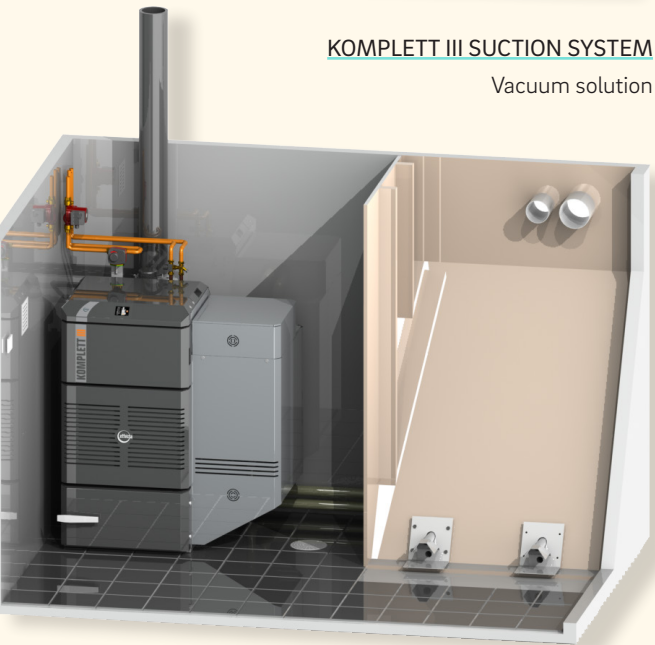
An alternative solution is for wood pellets to be delivered into the boiler via a vacuum suction system. This offers great reliability, flexibility and the ability to transfer wood pellets over distance. Effecta's system can transport wood pellets up to 15 metres from the fuel store. This gives the homeowner more options as to the location of the fuel store, whether it is next to the boiler, in a separate building or even in an underground store in your garden.



KOMPLETT III INTEGRATED FUEL STORE
Integrated fuel store



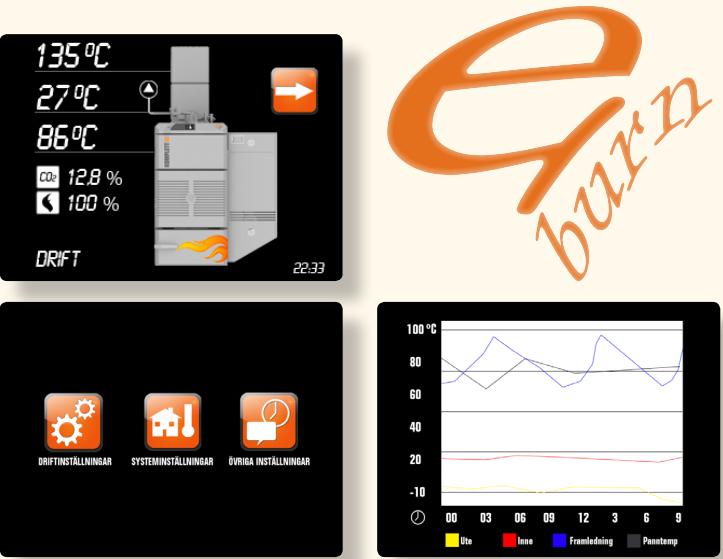
KOMPLETT III AUGER FEEDING
Auger solution



KOMPLETT III SUCTION SYSTEM
Vacuum solution

INTUITIVE CONTROL

On the front of the Komplett III there is an integrated touch screen display. This gives you an instant overview of the boiler's performance as well as easy access to the boiler's key features. Each Komplett III can control up to three heating circuits. This enables individual control of a radiator system, one underfloor heating circuit and one domestic hot water circuit. The controls can run individual zones via a room sensor based on indoor temperature or an outdoor sensor to offer weather compensation based on the temperature outside. You can use an indoor control in combination with room temperature. Alternatively, a constant flow temperature can be sent to an underfloor heating manifold with an existing controller.



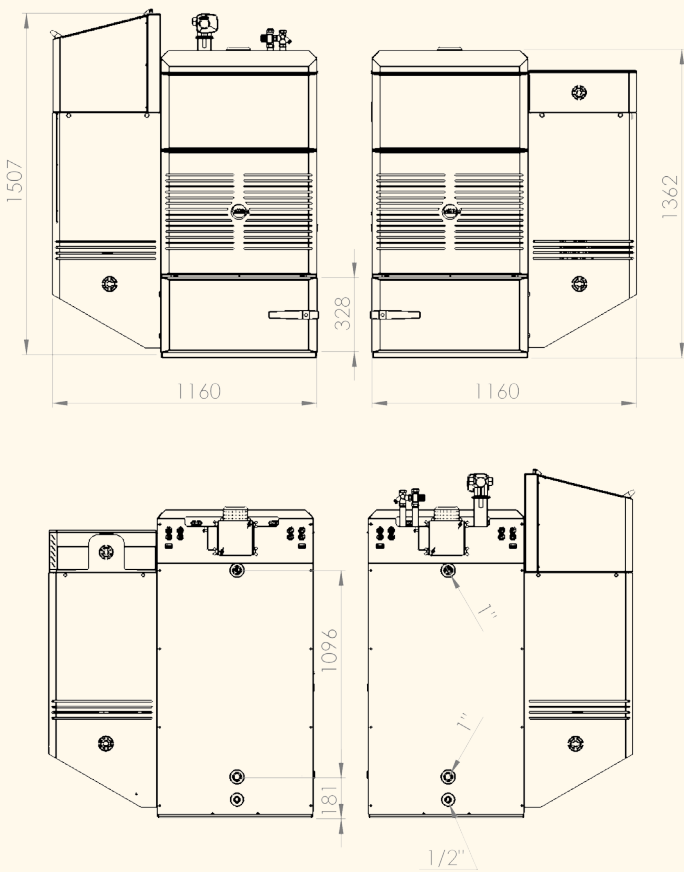
TECHNICAL SPEC.

Effecta KOMPLETT III standard
Effecta KOMPLETT III light

20/25/35 kW



Height (with integrated fuel store)	1370 (1507) mm.
Minimum area of flue	125 / 125 /150mm.
Depth incl. smoke outlet	975 mm.
Depth of grate	500 mm.
Width (incl. burner) (*incl. storage)	700 (1010) (*1160) mm.
Volume of ash compartment	117 l.
Weight (excl. burner)	295 (250) kg.
Electrical power feed	230 / 380 VAC
Maximum working pressure	3 bar
Recommended draft	15 Pa
Dimension of elbow	120 Ø mm.
Connection DHW (not on Light model)	22 mm.
Smoke outlet	150x150 mm.
Efficiency	>90 %
Floor to center smoke pipe	1250 mm.
Heat output	20 / 25 / 35 kW
Boiler volume (light)	183 (99) l.
Connection radiators (not on Light model)	22 mm.
Docking connections inch	1
Electrical heater (not on Light model)	3+6 kW
Max operating temperature	100°C



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HEATING WITH PELLETS

Effecta Komplett III STANDARD
Effecta Komplett III LIGHT



EFFECTA KOMPLETT III FAMILY

A Versatile Platform For Domestic Applications

The Effecta Komplett range of wood pellet boilers offers limitless installation possibilities. This range of modern biomass boilers have been developed to suit most houses and homes. It doesn't matter if you are currently heating with oil, mains gas, LPG or electricity, the Komplett III will suit both new build and retrofit applications.

If you are planning a new build, we will be happy to help you to plan a highly efficient and state-of-the-art wood pellet system that is perfect for your dream house or grand design. The entire Komplett III range is EN 303-5 Class 5 compliant, the highest European standard for biomass boilers. A Lambda probe to ensure the perfect amount of oxygen for efficient combustion is available as an option for the customer searching for even more control.

Long Service Intervals

The Effecta Komplett III has an immense ash bin which only needs to be emptied once or twice a year. The boiler is automatically cleaned on each burn cycle, ensuring that the Komplett III always operates at the highest efficiency and requires fewer services.

Low Through Life Costs

Why should you pay for expensive parts during the whole working life of a biomass boiler? The Komplett III contains very few moving parts which gives you low through life costs. Compared to most other European brands, the Effecta Komplett III requires half the servicing over a 10 year period. We believe that this cost-saving is an important consideration when choosing your biomass boiler heating system!

30 Year Heritage of Manufacturing

At Effecta, we take great pride in our products and have been building domestic biomass boilers since 1983, longer than many European biomass boiler manufacturers. Our heating products are all designed and manufactured in Sweden, from robust and hard-wearing Swedish steel. From experience, we know how to design and produce heating products which are suitable for demanding applications and which delight our customers. In the end, a happy customer is all that counts.



INTEGRATED FUEL STORE
Effecta Komplett III/STD and Light

SUCTION VERSION
Effecta Komplett III/STD and Light

AUGER VERSION
Effecta Komplett III/STD and Light

EFFECTA KOMPLETT III STANDARD

Fully Automated Wood Pellet Boiler
20, 25 and 35 kW.

Komplett III Standard

The Effecta Komplett III Standard features built-in hot water production and is in practice what a lot of people might refer to as a combi boiler. This means that it produces both heating and domestic hot water, everything that you need to provide heat for your house and hot water for unlimited showers and baths. The Komplett III Standard therefore has a smaller footprint than a traditional biomass system as there is no need for accumulator tanks or extra cylinders in domestic applications where space is at a premium. The graphic touch screen controller gives you the option of managing up to three individual heating circuits with the latest technology available.

The Komplett III Standard is available with three different heat outputs: 20, 25 and 35kW, making them suitable for most domestic homes. The controls to heat a single circuit are supplied with all boilers in this range, with an option for additional controls for two more heating circuits.



MCS
approved

BAFA
listed

EN 303-5
Class 5



KOMPLETT III
INTEGRATED FUEL STORE



KOMPLETT III
SUCTION VERSION



KOMPLETT III
AUGER VERSION

EFFECTA KOMPLETT III LIGHT

Fully Automated Wood Pellet Boiler
20, 25 and 35 kW.

Komplett III Light

The Komplett III Light is suitable for installation with an accumulator, as a direct feed boiler integrated within an existing S-Plan or Y-Plan system or with an accumulator tank in a multi-fuel system. The graphic touch screen controller can manage up to three individual heating circuits at the highest combustion efficiency with the latest technology available. The Komplett III Light is supplied with the amount of heating circuits required for the property and the homeowner's choice of fuel feed. With a range of heat outputs, heating circuits and controls as well as fuel feed and delivery options. The Effecta Komplett III Light is a hard-working and versatile boiler which is suitable for most domestic applications. The Komplett III Light is available with three different heat outputs: 20, 25 and 35kW, making them suitable for most domestic properties.



MCS
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BAFA
listed

EN 303-5
Class 5



KOMPLETT III
INTEGRATED FUEL STORE



KOMPLETT III
SUCTION VERSION



KOMPLETT III
AUGER VERSION

"We strive to make our products easy to use, highly efficient and, above all, environmentally sustainable"

20KW / 25KW / 35KW

Feeding system on left or right side available.

BUILT IN DHW PRODUCTION

Coil of ca. 15m. with ribbed flanges.

4 PIPE INSTALLATION

Flow, return, mains and hot water.

1 BUILT IN HEATING CONTROL

Indoor sensor, weather comp., constant, etc.

2 EXTRA HEATING CONTROLS OPTIONAL

Expansion board gives up to three individual zones.

SUCTION FED

Use the amount of nozzles needed

20KW / 25KW / 35KW

Feeding system on left or right side available.

LOADING / DIRECT UNIT

Accumulator tank, S-plan, Y-plan, etc.

THREE INDIVIDUAL HEATING CIRCUITS OPTIONAL

Cylinder, Tank, Radiators, Underfloor heating, S-plan

SUCTION FED

Use the amount of nozzles needed