



HEAT & POWER

Komplett III Wood Pellet Boiler **CUT AWAY**



The shunt valve: *

It is placed behind the space where you clean the boiler giving clearance. It is motorized and controlled by an indoor and/or a outdoor sensor.

The convective part:

The convective part consists of 8 smoke gas tubes equipped with our well known tubulators and automatic cleaning. When manually cleaning the tubes (every 3 tons or 15.000 kWh) and other parts in the convective area, you don't need to remove any heavy parts. The Effecta Komplett is designed for a comfortable usage.

Graphic control panel:

Gives the user a clear view of the boilers and the heating systems current status. Here is where all setups are done, regarding boiler, burner and heating system.

Lambda control:

Lambda controller is available as an option. We are using a bosch broadband probe of highest quality. The same probe has been used in our products since 2005 with great result.

Circuit boards:

All functions needed to heat a normal house is built in the boiler. No extra controls is needed than the ones already included.

The outer casing:

The sheets of the outer casing are 1mm thick. This gives a robust and sturdy feel to the boiler. All casing is possible to remove if needed with a PH2 driver.

The combustion:

The combustion is made through a well proven burner. The burner is one of Swedens most well known. What we have done is adding the automatic cleaning of the burning area. This means fewer visits to the boiler room for the end user.

Domestic hot water: *

Like the shunt valve, the connections for domestic water is placed in the rear part. The coil for DHW is prolonged to maximize the capacity.

The ash compartment:

Our recommended interval for emptying the boiler of ash is every 3 tons or 15.000 kWh.

The ash door:

A big opening for the ash compartment gives you easy access for cleaning.

The AERO module:

Built in compressor for cleaning of the combustion tube. This gives the burner an prolonged period of operation before needing to clean it. A normal interval is about 3 tons of fuel or 15.000 kWh of energy production.

* Not available on Komplett III Light model.

WHO ARE RAINBOW HEAT AND POWER?

WE ARE RENEWABLE TECHNOLOGY INSTALLERS BASED IN THE SOUTH WEST PROVIDING BESPOKE RENEWABLE HEAT AND POWER SYSTEMS NATIONWIDE. WE CAN HELP;

1. **SIGNIFICANTLY REDUCE FUEL COSTS**
2. **GAIN RENEWABLE ENERGY INCENTIVE PAYMENTS**
3. **REDUCE YOUR CO₂ EMISSIONS**

LET'S TALK ABOUT YOUR PROJECT

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