

BIOMASS BOILERS

Renewable energy for your central heating system.



Heating the Home with Log Boilers

Log boilers combine a high level of comfort and control with use of a renewable fuel. You can heat all of your home or business with either radiators or underfloor (or a combination of the two), your hot water cylinder and even a pool.

This type of heat source is perfect for those who want the ultimate in heating comfort and who like being in complete control of their heating. With biomass boilers, you won't be tied to a fuel or energy supplier, putting you in control of your running costs. Many people also enjoy the familiar comfort of lighting the wood with a match, watching the fire ignite and knowing that they will soon be warm and cosy.

Central Heating New Zealand recommends that these boiler systems are connected to a buffer tank, which improves efficiency between 10% and 30%.

- Sustainable energy source
- Wood fuel is less subject to fluctuations in market prices compared to gas and diesel
- Typically installed in attached garages or separate boiler rooms
- Suitable for radiator and underfloor systems

Available Models

Central Heating New Zealand offers two types of biomass boilers: the fan-flued gasification boiler and the natural draught atmospheric boiler.

The atmospheric boiler, like ATK32 (pictured far right), is the less expensive option of the two as it is less complex. In addition to burning wood fuel, atmospheric boilers can also burn coal.

Gasification boilers, like the ATK45 and ATK75, are cleaner and more efficient than traditional wood burning appliances due to their controlled burn process that releases and burns gases within the wood. Unlike the atmospheric boiler, this boiler can regulate its temperature and heating system by control of the fan and an air damper. Gasification boilers can burn only wood fuel.



Attack Wood Gasifying Boiler (left) and Attack Multifuel Boiler (right)

PRODUCT CODE	STYLE	OUTPUT	FUEL CAPAC-	DIMENSIONS
ATK32	Attack Multifuel Boiler	32kW	42.5L	840x505x600
ATK45	Attack Wood Gasifying Boiler DP 45	45kW	128L	840x505x600
ATK75	Attack Wood Gasifying Boiler DP 75	75kW	305L	1320x750x1600

Additional sizes are available via indent.
Contact us for further details.

Specification Details

ATMOSPHERIC BOILERS:

- Thermostatic air regulation regulates heating circuit temperature
- External overheating protection available
- Multifuel ability

GASIFICATION BOILERS:

- Large fire box for reduced loading frequency
- High level of control over combustion ensures optimum efficiency
- Fan automatically stops when boiler up to working temperature
- Boiler automatically shuts down when all the fuel is used
- Contains integral cooling exchanger