BIODOM

BIOMASS HEATING

PELLET BOILER WITH AUTOMATIC CLEANING

BIODOM 27 A

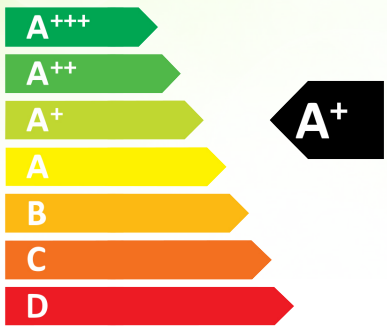




EMISSION CLASS 5 TO EN 303-5
A boiler that offers lasting comfort
and low heating costs.

ADVANTAGES

- ✔ Energy label A+
- ✔ Technology BIOLOGIC
- ✔ Automatic boiler cleaning
- ✔ Touch screen
- ✔ Wi-Fi connection - remote monitoring
- ✔ Remote software updates
- ✔ Control of three heating circuits
- ✔ Outdoor temperature heating curve



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PELLET BOILER WITH AUTOMATIC CLEANING

BIODOM 27 A

PELLET BOILER WITH AUTOMATIC CLEANING AND BUILT-IN WEATHER COMPENSATION

BIODOM 27 Automatic is the first boiler with automatic cleaning that runs on innovative BIOLOGIC technology. The boiler is equipped with many technological highlights, such as automatic cleaning, weather-compensated control, Wi-Fi connection and control of the boiler from a mobile phone, a touch screen and many more. The Biodom 27 A is thus currently one of the most advanced products on the market.

Pellet boiler with automatic cleaning and BIOLOGIC technology.
The Biodom 27 A has a built-in mechanical system that automatically removes ash from the burner and the exchanger. The ash is then stored in the ash pan, which allows easy and quick cleaning. The boiler is operated via a touch screen. It can also be connected to a Wi-Fi network and controlled via a mobile phone app.
Like all other Biodom boilers, the Biodom 27 A is equipped with the BIOLOGIC technology and two fans that ensure optimal air intake and exhaust. By adapting to the actual conditions inside and outside the boiler, they enable optimal combustion in the combustion chamber. Therefore a short Ø 80 mm flue pipe suffices.

Biodom's in-house technology BIOLOGIC ensures that no additional boiler settings are needed when you change the type of pellets. Using the BIOLOGIC system, the boiler automatically recognises the energy value of the pellets and adjusts the feed rate accordingly. This ensures boiler operation at an efficiency that is constantly above 92%.
The built-in **IQ2 boiler controller can manage:**
- three mixed/direct heating circuits
- buffer tank
- solar collectors
- domestic hot water heating
- Bioblock heat pump



TECHNICAL SPECIFICATIONS:

Heating surface	**80 - 350 m²**
Heat output	**26,9 kW** (7,86 - 26,9 kW)
Efficiency	**above 90%**
Flue gas outlet	**Ø 80**
Water content	**72 l**
Power supply	**230 V 50 Hz**
Pellet hopper	**180 kg**
Pellet use per hour	**min: 1,8 kg/h, max: 6,2 kg/h**
Dimensions H x W x D (cm)	**143 x 91 x 65**
Weight	**271 kg**

ADVANTAGES

AUTOMATIC CLEANING WITH BIOLOGIC TECHNOLOGY:
- AUTOMATIC PELLET QUALITY RECOGNITION
- BUILT-IN WEATHER COMPENSATION, CONTROLLER **IQ2**
- TWO-FAN TECHNOLOGY - FULL CONTROL
- EASY INSTALLATION AND EXCEPTIONAL FLEXIBILITY
- BUILT-IN WEEKLY PELLET HOPPER (180 KG)
- AUTOMATIC OUTPUT ADJUSTMENT
- QUICK AND EASY **MONTHLY** CLEANING
- LOW PELLET CONSUMPTION
- 5-YEAR WARRANTY AGAINST LEAKS

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