

# BIODOM

BIOMASS HEATING SYSTEMS

PELLET BOILER

**BIODOM 33**



Certified  
EN 303-5 Class 5

Environmentally  
friendly heating  
that provides  
comfort and  
savings.

**BIO LOGIC**



[WWW.BIODOM27.SI](http://WWW.BIODOM27.SI)

# BIODOM 33

## ADVANCED TECHNOLOGY FOR MAXIMUM EFFICIENCY

**BIODOM 33 represents the new generation of BIODOM pellet boilers with the innovative BIO-LOGIC technology, which offers numerous advantages to the user. BIO-LOGIC is a step towards greater efficiency, savings on energy costs and it helps to protect the environment with low emissions.**

The pellet boiler BIODOM 33, thanks to the BIO-LOGIC technology adjusts all the operational parameters in a continuous mode. It recognizes the quality of pellets and regulates the supply of pellets and combustion air taking into account the chimney draft. The continuous automatic operational adjustments of BIODOM 33 boiler guarantee optimal performance under all operating conditions and at any time. With the ability of recognizing the pellet quality it reduces functional problems resulting from poor pellet quality. In addition to optimised combustion, BIO-LOGIC technology

assures far easier and less frequent maintenance as it increases the operational reliability. The integrated pellet reservoir provides the comfort of weekly autonomy. The included weekly programming function allows you to programme the automatic operation of the BIODOM 33 boilers for the whole week.

Modern design, the new BIO-LOGIC technology, easy maintenance, comfort, reliability and savings on the annual heating costs are the arguments that make BIODOM 33 the right heating source for your house.

BIODOM 33 pellet boiler is ranked in the top of the performance range, certified Class 5 according to the European standard EN 303-5: 2012.

## TECHNICAL SPECIFICATIONS

heating surface	80 - 450 m <sup>2</sup>
thermal power	30.8 kW (8.6 - 30.8 kW)
efficiency	over 92%
flue gasses tube diameter	Ø 80
boiler water quantity	142 l
power supply	230 V 50 Hz
circulation pump and expansion tank	integrated
pellet reservoir capacity	200 kg
pellet consumption	min: 1.9 kg/h, max: 6.8 kg/h
dimensions H x W x D (cm)	150 x 100 x 73
weight	328 kg

## ADVANTAGES

- ▶ PELLET QUALITY RECOGNITION
- ▶ CERTIFIED EN 303-5: 2012 - CLASS 5 (highest performance class)
- ▶ NEW GENERATION DESIGN
- ▶ SIMPLIFIED INSTALLATION (automatic set-up during first start)
- ▶ CONTINUOUS AUTOMATIC ADJUSTMENTS OF COMBUSTION PROCESS
- ▶ INTEGRATED WEEKLY PELLET RESERVOIR (for 200 kg of pellets)
- ▶ INTEGRATED CIRCULATION PUMP AND EXPANSION TANK
- ▶ LOW PELLETS CONSUMPTION IN ANY OPERATIONAL CONDITION
- ▶ MADE IN EU
- ▶ 5 YEARS WARRANTY ON BOILER BODY

BIODOM27

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