

**Room thermostats Class IV:  
Packages AD137 – AD200  
AD247 – AD248**

**EN**

JS

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## 1. Purpose

The optional room thermostats packages **AD137**, **AD200**, **AD247** and **AD248** are **Class IV thermostats**, as defined in the Communication 2014/C 0207/02 in the framework of Regulation (EU) No 813 /2013 (**ecodesign** guidelines).











These room thermostats integrate a calculation algorithm which delivers a control signal from the difference between the temperature setpoint and the measured temperature.

This operating mode is more efficient than a simple ON / OFF thermostat. This is possible thanks to the **switches located at the back of the thermostat box** (see step 3 below).

The installation of these thermostats allows :

- to increase **the efficiency** of the concerned installation, as shown in the table below,
- for generators with an output <70 kW, **to be eligible for ESC** (Energy Saving Certificates – for France).

## 2. Implementation of the room thermostats.

Appliances*	Heating performance	Performance improvement of the installation (in %) with:	
		Room thermostats*  AD137 (wire) AD200 (wireless)	Room thermostats*  AD137 (wire) AD200 (wireless)
MCX MPX		+ 2 %	
ZENA... MS / MSN MSX		+ 2 %	
Modulens O Pro PFC 45/60		+ 2 %	
VIVADENS MCR TWINEO EGC		+ 2 %	
ALEZIO COMPACT ALEZIO EVOLUTION ALEZIO G HYBRID ALEZIO O HYBRID		+ 2 %	
NEOVO CONDENS		+ 2 %	
NEOVO ECONOX		+ 2 %	
EVODENS AMC		+ 2 %	

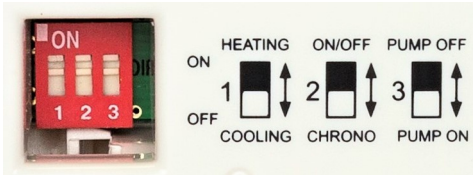
\* For more information, refer to the applicable price list and the instructions delivered with the appliances.

### 3. Selection of the regulation mode

The room thermostats packages **AD137**, **AD200**, **AD247** and **AD248** have switches at the back of the box.

The switch no. **2** allows to select the proportional mode (see switch description below).

**WARNING: disconnect the regulator before accessing the switches located on the back of the box !**



#### 1 Selection of installation type:

Heating

Air conditioning

#### 2 Selection of adjustment mode:

ON/OFF

Proportional

The proportional mode is particularly recommended for radiator heating installations (low or average inertia)

#### 3 Anti-blocking function of the circulating pump (the pump is switched on for 1 minute every 24 hours)

Anti-blocking function OFF

Anti-blocking function ON.