MOUNTING & INSTALLATION INSTRUCTIONS

Dear Client,

Thank you for selecting Aliento convection converter.

Prior to use, please read these Instructions, to fully enjoy the facility of mounting and operation of the device.

Aliento Team

Included in the set:

Controller & wiring x1	Fan module x2	Power adapter 230/12V DC x1
		

Mounting

1. Mounting of Aliento starts with taking off the radiator's side cover, on the air vent side. Manufacturers of radiators apply different methods for fastening side covers. Before taking off the cover, please make sure that the way you take off the cover agrees with the radiator's brand (type) and will not damage the radiator.

   The most common method is fixing with elastic elements or blocking the covers in place with plastic clips.

2. After the side cover has been taken off, lead the current-carrying conductor and the power supply conductor of the fan modules through the opening designed for the radiator's upper connector, and fix the controller's case with adhesive elements (to be found at the back of the controller's case).

   The controller should be positioned so as to let the conductors pass freely, simultaneously not blocking the opening of the side cover.

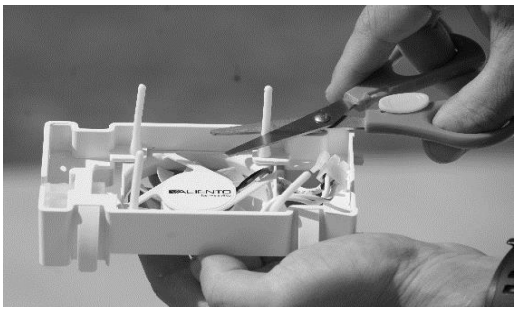
Attention!
Blocking the opening of the side cover might hinder its re-mounting on the radiator, which would result in separation of the controller from the cover.

3. Attach the temperature sensor to the T-joint using a clip included in the set. The sensor's flat side should adhere to the T-joint's surface thus ensuring the proper temperature readout.
   While re-mounting the radiator's cover (following the same steps as during the de-mounting but in the opposite order), please pay special attention leading the cables which should protrude at the radiator's bottom. Connect the fan module and the power adapter to the cables from the radiator's bottom.
   The temperature sensor will activate operation of the fan modules in the temperature exceeding 28^{o}C.

Attention!!!
Radiators of the height above 600mm require using an extension cord for the power supply conductor of the fan modules' power adapter.

4. Before mounting the module, cut off the protruding rubber elements (as in the neighbouring photo).

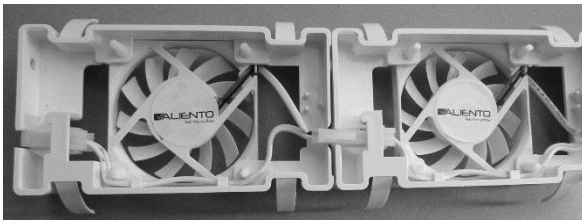
   Before removing these elements, it's already possible to mount the filtering case. As standard, the fan modules are not equipped with a filter – they should be mounted separately. Applying the filter will slightly raise the noise level and decrease the device's efficiency.



5. Connect the fan modules using the elastic elements, and then connect the terminal blocks of the fan modules. The blocks applied in the modules ensure secure and stable connection (retaining the proper polarity of the device).
   For more comfortable mounting of modules one can use clips which are added to every package - use them just for stapling them.

6. Slide the connected modules from the radiator's bottom up between its panels. During mounting, please pay particular attention to direct the fan modules with the label facing upwards. This will ensure the proper air flow direction.

7. The fan modules can be connected into segments, respectively to the radiator's length. One controller can operate up to 11 modules.



Operation

Control of the Aliento system means only manual selection of the operation mode.
After the power adapter has been connected to the mains and to the device itself, Aliento controller remains off. Pressing the on button (bottom right corner) is signalled with red backlight. The device remains on stand-by. In this mode it's possible to select fan speed by pressing buttons I, II or III, and green backlight will visualise the fan speed currently selected.
If the selected fan speed signalling is on, and simultaneously "blinking" of the button is visible, this means that the temperature on the radiator's supply stays below 28^{o}C and the fans are off.
Any time, depending on your requirements, it's possible to select the desired fan speed level.
As standard, fan modules are not equipped with filters – it's recommended to install the filters separately.
Using filters would slightly increase the sound level and decrease the efficiency of the device.