

ADVANCED PRO CONTROL

The compact and versatile Advanced PRO control replaces and enhances all previous controls (2 and 5 speeds without heating or water/electric heating/DX).



Control connection
Plug & Play RJ11
Digital IN (x3)



Screen
LCD 2,8"
Backlit



Management
Touchpad
IR remote control



Electronics
Poka-Yoke connections
Electrical protections



PCB Protection
Tropicalised to
extend its life



Housing
ABS UL 94 V0
RAL 9016
100x100x27 mm

PRO CONTROLS RANGE

The new Airtècnics PRO advanced control range represents a significant advance in the management of air curtains and ventilation equipment.

In 2025, we will complete the range with the Clever PRO control, the WIFI/ETHERNET module and the IN/OUT expander board:

CLEVER PRO

Control with fully automatic operation, with Modbus protocol for BMS, timer, configurable parameters and inputs/outputs, USB updates, documentation via QR codes, etc.



APP AND IOT

By means of the WIFI/ETHERNET module we can connect the equipment to the mobile with IOS and Android applications. IoT integration in the BMS building management system for control, monitoring and diagnostics.



www.airtecnics.com



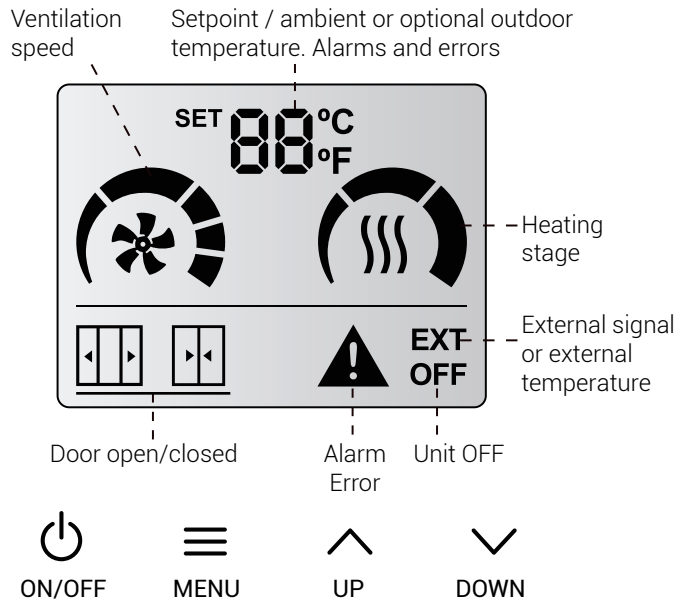
ADVANCED PRO CONTROL

Advanced air curtain control designed to combine energy savings and comfort. Modulates ventilation and heating depending on door status and temperature.



INTERFACE

The LCD display intuitively shows all key parameters for air curtain control.



3 levels of menu

Quick user access menu: With just one click, you can adjust the set temperature on heating equipment.

User menu: Allows to select the ventilation speed, the heating stage for open and closed door, and temperature setting.

Internal parameters configuration menu:

- Door delay (0 to 95 seconds)
- Maximum speed and heating (open/closed door)
- Maintenance/cleaning (0 to 99 weeks)
- Temperature units (°C or F)
- Control memory (ON by default)
- Boost mode, increases the set temperature when the door is opened (2°C by default)

FEATURES

Temperature and door sensors included



Control safety lock

Alarm and error indications

Semi-Automatic ECO Mode: Door status

With the door contact installed. Functions:

- **Door Open/Closed:** Allows programming different ventilation speeds and heating stages depending on the state of the door.
- **Door Delay:** When the door is closed, the equipment continues to operate as if the door were open for the programmed time.

ECO Semi-Automatic Mode: Temperature

- **Heating control:** Adjusts the heating according to the difference between the room temperature and the setpoint temperature. With the optional outdoor sensor, when the door is open, it adjusts the heating according to the difference between the setpoint and the outdoor temperature.
- **Heating modulation:** Gradually regulates the heating when the ambient temperature approaches or moves away from the set temperature.
- **Programmable boost:** Increases the set temperature by 2°C when the door is opened, to improve thermal comfort in winter.
- **Heater function:** With the door closed, the heating operates if the room temperature is below the setpoint temperature; if it exceeds the setpoint temperature, the curtain stops or operates with ventilation only, depending on the configuration.

BMS external control

External modification (EXT) of operation through potential-free digital inputs:

- **External OFF** (stop without delay time)
- **OFF heating** (does not stop ventilation)
- **Fire alarm** (stops the curtain and must be reset by removing the power).