

CLEVER PRO CONTROL

The compact and versatile Clever PRO is a universal control compatible with 2 and 5 speed curtains without heating or with water, electric, or DX heating.



Control connection

Plug & Play RJ11 / USB
DIN1 / DIN2 / Modbus



Screen
2.8" backlit
color TFT



Management
Touchpad



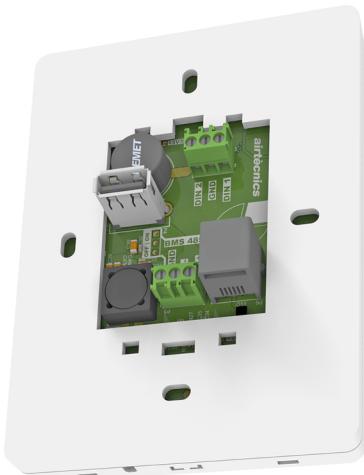
USB update
System updatable via
USB connection



Protections
Electric and
tropicalized PCB



Housing
ABS UL 94 VO
RAL 9016
114x85x14 mm



PRO CONTROLS RANGE

The new PRO advanced regulation range represents a significant breakthrough in the regulation of air curtains and ventilation equipment.

The range is complemented by the Advanced PRO control (standard by default).

ADVANCED PRO

Control with semi-automatic operation, Plug & Play RJ11 connection, and digital inputs.

2.8" backlit LCD screen with touch buttons and IR remote control.



APP + IOT (under development)

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



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NOFCAT06101 - R0



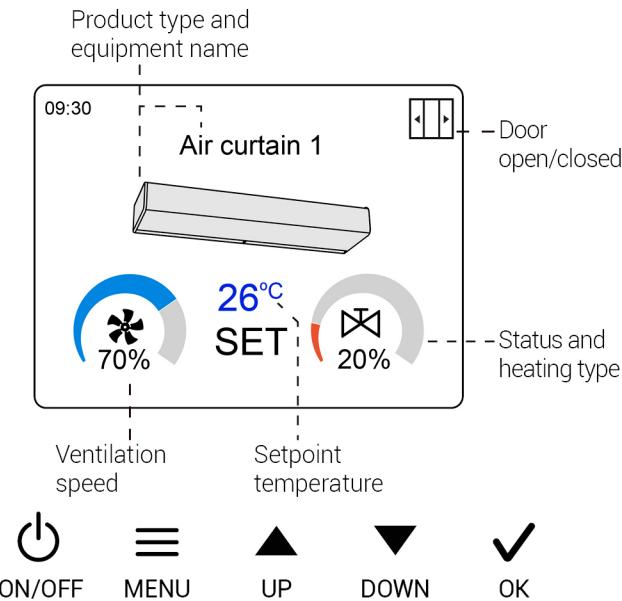
CLEVER PRO CONTROL

Intelligent control for air curtains, designed to optimize comfort and energy efficiency. It adjusts and modulates ventilation and air conditioning according to the temperature and the state of the door.



INTERFACE

Intuitive TFT screen with all key parameters for air curtain control.



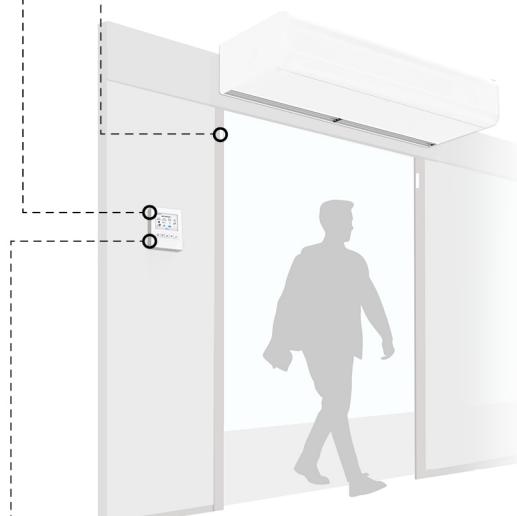
3 levels of menu

- Quick user acces menu:** Allows adjusting the ventilation speed and heating stage (depending on door status) and the setpoint temperature.
- User menu:** In addition to adjusting ventilation, heating and setpoint temperature, it allows modifying other internal parameters such as: operating mode, timer, access code and other settings.
- Internal configuration menu:** It features various configurable and adjustable parameters and functionalities depending on the access level. These include inputs and outputs, different operational limits, control memory, and screen mode.

FEATURES



Temperature and door sensors included



Control safety lock and alarm and error indications



Modbus Mode

In Modbus mode, the equipment **operates only according to the Modbus commands** it receives from the building's centralized control (BMS).

It allows **reading and monitoring of status, parameters, and temperature sensors**.

It respects the minimum/maximum parameters (door open/closed) set in the configuration.

Speed, heating, and temperature cannot be changed from the control.



Semi-Automatic Mode

Allows **programming different ventilation speeds** and **heating stages** according to the door status, automatically adapting to the needs of each moment to achieve optimal efficiency and energy savings.

When the door closes, with the **door delay** function, the equipment continues operating as if the door were open for the programmed time.

Heating control is modular, progressively regulating power as the ambient temperature approaches or moves away from the setpoint temperature. Heating is adjusted according to the difference between ambient and setpoint temperatures. The optional external probe adjusts heating with the door open according to the difference between the setpoint and the external temperature.

It includes **Boost** (heating reinforcement when conditions are more adverse) and **Thermo FAN** (used as a heater when the door is closed) functions to improve internal comfort.



Automatic

Based on the **temperature sensors** and the **door status**, the program **automatically regulates** ventilation and heating speed, maximizing efficiency, comfort, and energy savings.

It is only necessary to set a temperature SET on curtains with heating.

The control also automatically alternates between the available modes of air only, heating, or cooling according to the setpoint temperature and the temperature sensors.

It includes **Boost** (heating reinforcement when conditions are more adverse) and **Thermo FAN** (used as a heater when the door is closed) functions to improve internal comfort.