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
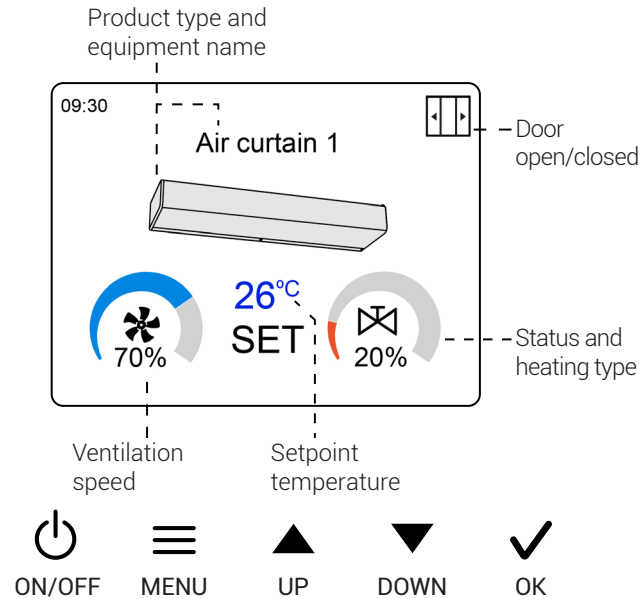ABS UL 94 V0
RAL 9016
114x85x14 mm

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.

PRO advanced
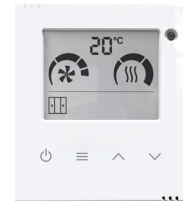
APP + IOT (under development)

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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THE AIR MOVEMENT GROUP
ECOFIT ETRI

ENERGY SAVING

PRO clever

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.

airtècnics

NOFCAT06101 - R0

INTERFACE

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

Product type and equipment name

Door open/closed

09:30

Air curtain 1

26℃ SET

70%

20%

Status and heating type

Ventilation speed

Setpoint temperature

ON/OFF   MENU   UP   DOWN   OK

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
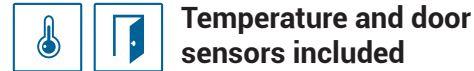
Temperature and door sensors included
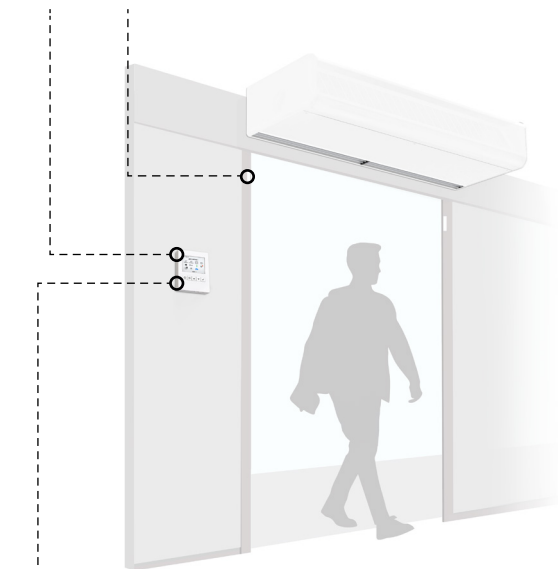
Control safety lock and alarm and error indications

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.