



SMART PRO 2



Plug & Play



Display

DESCRIPTION

The SMART PRO 2 control system allows complete management and monitoring of product operation with all its functionalities and accessories, such as free-cooling/free-heating management, fixed or variable speed fans, control of water heating or cooling coils and electric heating coils, filter clogging monitoring, time scheduling, as well as constant airflow control or indoor air quality control.

Optional elegant display design allows simple and intuitive visualization and control of unit operation.

ADVANTAGES

- Plug & Play units with included field equipment.
- ModBUS RTU communication protocol, controller with digital display and integrated web server.
- Operating hours record per component and alarm history.
- Daily and weekly scheduling.
- Remote display possibility.
- Constant airflow or CO₂ based control.

FUNCTIONS

DDC controller with integrated display, communication via standard protocol (ModBUS RTU/IP, BACNET IP), and integrated web server.

IP65 electrical panel mounted on the unit, equipped with external main isolator switch. All field equipment required for proper unit operation is included.

REMOTE INSTALLATION



FEATURES

CHARACTERISTICS	SMART PRO 2
Plug & Play control system	●
Electrical panel with all protections	●
Main isolator switch	●
Fully installed field equipment	●
On-Off Remote	●
Summer / Winter changeover Remote	●
ModBus-RTU interface for BMS connection	●
Operating modes: Economy / Night / Day	●
Last maintenance date record	●
Alarm history	●
Operating hours monitoring per component	●
Heat recovery defrost system	●
Integrated web server	●
BYPASS*	SMART PRO 2
Fresh air temperature display	●
Free Cooling set point	●
Free Heating set point	●
Automatic Summer / Winter changeover	●
DISPLAY	SMART PRO 2
Fresh air temperature display	●
Extract air temperature display	●
Supply fan airflow adjustment	●
Return fan airflow adjustment	●
Clogged filter indication	●
Fan failure indication	●
Daily and weekly scheduling	●
Controller with integrated digital display for control and visualization of all parameters and alarms	●
Backlit display	●
Display remoto LED 4"	○
CONTROL*	SMART PRO 2
Air conditioning temperature control by sensor and modulating 3-way valve	●
Heating temperature control by sensor and modulating 3-way valve	●
Electric heating temperature control by staged electric heaters	●
Fan delay for post-ventilation	●
Cooling temperature control by sensor and condenser control system	●
Constant airflow	○
CO ₂ control by ambient sensor	○

● Standard

○ Optional

* According to each unit configuration

NOTE: Functions applied according to the unit.