X-AIRCONTROL room panel with touch screen

X-AIRCONTROL CP/2T

- X-AIRCONTROL compatible
- User-friendly
- Colour touchscreen
- Built-in temperature sensor
- Weekly program
- QuickPlug™ installation

X-AIRCONTROL CP/2T is specifically designed to adjust ventilation in a single room and is used together with an X-AIRCONTROL Zone Module. Users can change the air-exchange rate, temperature and weekly program from the colour touch screen.

X-AIRCONTROL CP/2T ensures maximum room comfort and low energy consumption. The room panel is ideal for offices, schools, shopping centres, airports, hotels, hospitals, etc.

X-AIRCONTROL CP/2T can be installed alone together with an X-AIRCONTROL Zone Module and can thus save energy by controlling the room on the basis of demand. If the system is to be energy opti-mised, rooms can be connected in a network containing an X-AIRCONTROL Master.
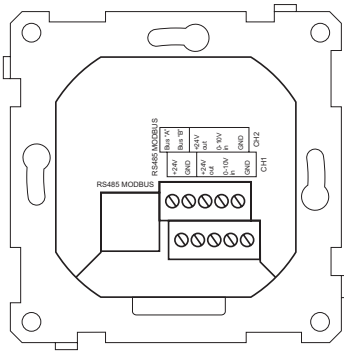
User-friendly comfort
The 2" colour touchscreen utilises a simple and intuitive user-interface, allowing everyone to easily adjust air-exchange rate and temperature so as to achieve the desired comfort level. Access to more advanced functions is protected by a password.

Built-in energy savings
When a user has manually increased the air-exchange rate, the system will automatically revert to energy-saving operation after a suitable period of time has elapsed. The weekly program is set intuitively according to room use with up to four setpoints a day. In auto mode, air-exchange is de-mand controlled, ensuring precise fulfilment of the room's ventilation needs.
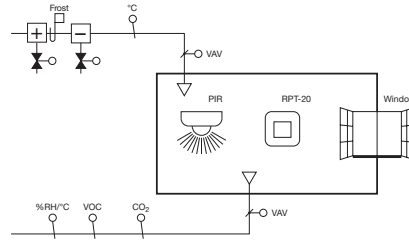
Simple installation
X-AIRCONTROL CP/2T is connected to the X-AIRCONTROL Zone Module using QuickPlug™ Modbus, thus eliminating installation errors and time-consuming trouble-shooting. A quick overview of the installation is provided in the menu options Room data, Sched-ule, and Settings.
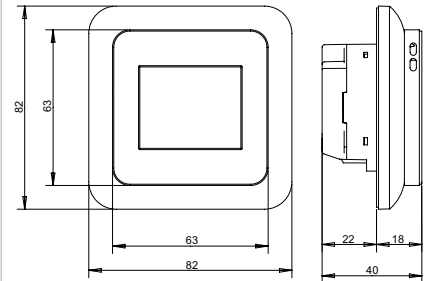
Connection

Application example

Dimensions

Optional CO_2 and/or humidity sensor

X-AIRCONTROL CP/2T has a built-in temperature sensor for cost-effective basic solutions. In more demanding applications, additional sensors will be required in the rooms. Two standard 0-10 V inputs ensure great flexibility and there is a free choice of CO_2 and humidity sensors from acknowledged manufacturers.

INSTALLATION

Room panel installation

X-AIRCONTROL CP/2T should be installed in a wall box approx. 1.5 m above the floor in a position where air can circulate freely around it. Avoid positioning it in draughts and direct sunlight or in the vicinity of other heat sources.

Cable connections

X-AIRCONTROL CP/2T is connected to the Zone Module by means of
a QuickPlug™ Modbus connection using a standard telecom cable, e.g. INEC TD6006, fitted with RJ12 connectors. Alternatively, cables can be connected to screw terminals, in which case the wires must be max. 1 mm².

PRODUCT PROGRAMME

TYPE	PRODUCT
X-AIRCONTROL CP/2T	X-AIRCONTROL 2" room panel
X-AIRCONTROL Zone Module MP	X-AIRCONTROL Zone Module MP Bus
X-AIRCONTROL Zone Module M	X-AIRCONTROL Zone Module Modbus
X-AIRCONTROL Zone Module A	X-AIRCONTROL Zone Module Analogue

TECHNICAL DATA

Display	2" TFT colour touchscreen
Supply voltage	24 V DC ±10%
Power consumption	< 0.8 W
Electrical connection	screw terminals, max. 1 mm²
QuickPlug™ Modbus	1 x RJ12 (6P6C)
Room temperature sensor	Built-in
Analogue input, CO_2	1 x 0-10 V DC
Analogue input, RH%	1 x 0-10 V DC
Ambient operating temperature	-10/+40°C
Dimensions	82 x 82 x 41 mm
Installation depth	22 mm
Enclosure	IP21
Weight	80 g

CE marking

X-AIRCONTROL CP/2T meets the requirements of the following directives:

EMC Directive	Low Voltage Directive
EN-61000-6-2	EN 60730-1
EN-61000-6-3	