

OJ Air2 touch control panel



OJ-Air2-HMI-20T

- OJ Air compatible
- User-friendly
- 2" colour touchscreen
- Built-in temperature sensor
- QuickPlug™ installation

OJ-Air2-HMI-20T is a compact, graphic, touch control panel for a daily user of central ventilation. The panel is used together with an OJ-Air2Master or an AHC-3000 controller.

OJ-Air2-HMI-20T is ideal for adjusting the comfort level in kindergartens, workshops, sports centres, petrol stations and so on, where ventilation is provided by a central ventilation unit or, for example, in an office building together with an AHC-3000 controller in a decentralised ventilation unit.

OJ-Air2-HMI-20T has been created in cooperation with UX designers and is designed for intuitive operation and fast QuickPlug™ installation.

Comfort for the everyday user

The colour touchscreen is easy and intuitive to use. Both the temperature and the air exchange can be adjusted, allowing the user to easily create a great indoor climate.

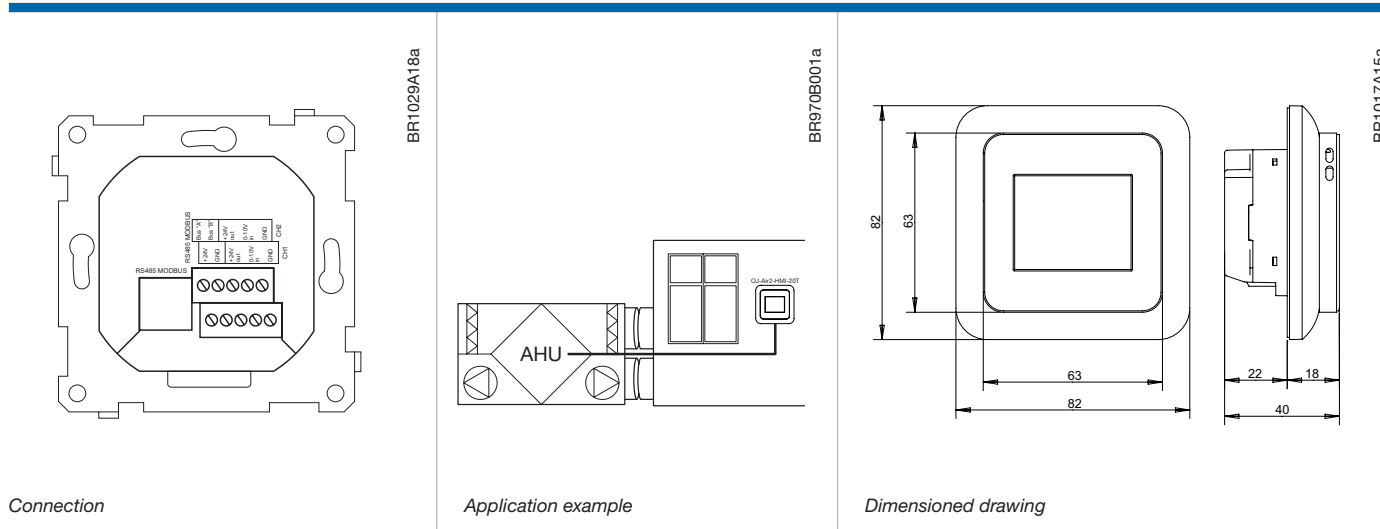
Energy-saving timer

If the user activates the timer to clean the air at a higher air exchange rate, the device will automatically return to energy-saving mode after one hour. By pressing the timer repeatedly, the duration of this period can be extended.

Simple installation

OJ Air2-HMI-20T is connected to the OJAir2Master or the AHC-3000 controller with the QuickPlug™ Modbus connector, which ensures quick and correct installation. The control panel is ready to use as soon as it is connected.





Connection

Application example

Dimensioned drawing

Automatic adaptation to the installation

OJ Air2-HMI-20T automatically adapts to the current installation. The temperature setting is only displayed when the ventilation device is used to regulate room temperature, and it is hidden if a constant supply-air temperature is used.

INSTALLATION

Installing the room control panel

OJ Air2-HMI-20T is mounted in a wall socket approximately 1.5 m above the floor so that the air can circulate freely around it. Avoid exposing the room control panel to draught, direct sunlight or other heat sources.

Cable connections

OJ-Air2-HMI-20T is connected to the OJ-Air2Master with a Quick Plug™ 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. 1mm².

PRODUCT PROGRAMME

TYPE	PRODUCT
OJ-Air2-HMI-20T	OJ Air2 touch control panel
OJ-Air2Master	AHU controller
AHC-3000	AHU controller

TECHNICAL DATA

Display	2" TFT colour touch
Supply voltage	24V DC ±10%
Power consumption	<0.8 W
Electrical connection	max 1 mm ² , screw terminals
QuickPlug™ Modbus	1 x RJ12 (6P6C) unit
Room temperature sensor	Built-in
Analogue input 0-10V DC	Not in use
Ambient operating temperature	-10/+40°C
Dimensions	82 x 82 x 40 mm
Installation depth	22 mm
Enclosure	IP21
Weight	80 g

CE marking

OJ-Air2-HMI-20T meets the requirements of the following directives:

EMC Directive
 EN 61000-6-2

EN 61000-6-3