OJ ELECTRONICS
KNOW-HOW CREATES

HVAC
CONTROLS & POWER

FLOOR HEATING
ELECTRIC

OJ Air touch control panel

AHC-3000-HMI-35T

- OJ Air AHC-3000 compatible
- Intuitive user interface
- 3.5" colour touchscreen
- Countersunk wall mounting
- QuickPlug™ installation

AHC-3000-HMI-35T is a user-friendly control panel for installation within an air handling unit or on the wall in a room. The panel is used together with an OJ-Air AHC-3000 control.

AHC-3000-HMI-35T has been developed by interaction designers, resulting in easy and intuitive operation. The menus are logical, easy to navigate and have easily recognisable symbols.

AHC-3000-HMI-35T is used for the commissioning and everyday operation of the air handling unit and in connection with service. All system values can be seen while the settings are password protected.

Intuitive touch operation
Want to change the temperature setting? Then simply tap the temperature shown on the screen and enter the new setpoint. It has never been easier, and the entire menu system is designed according to the same principle.
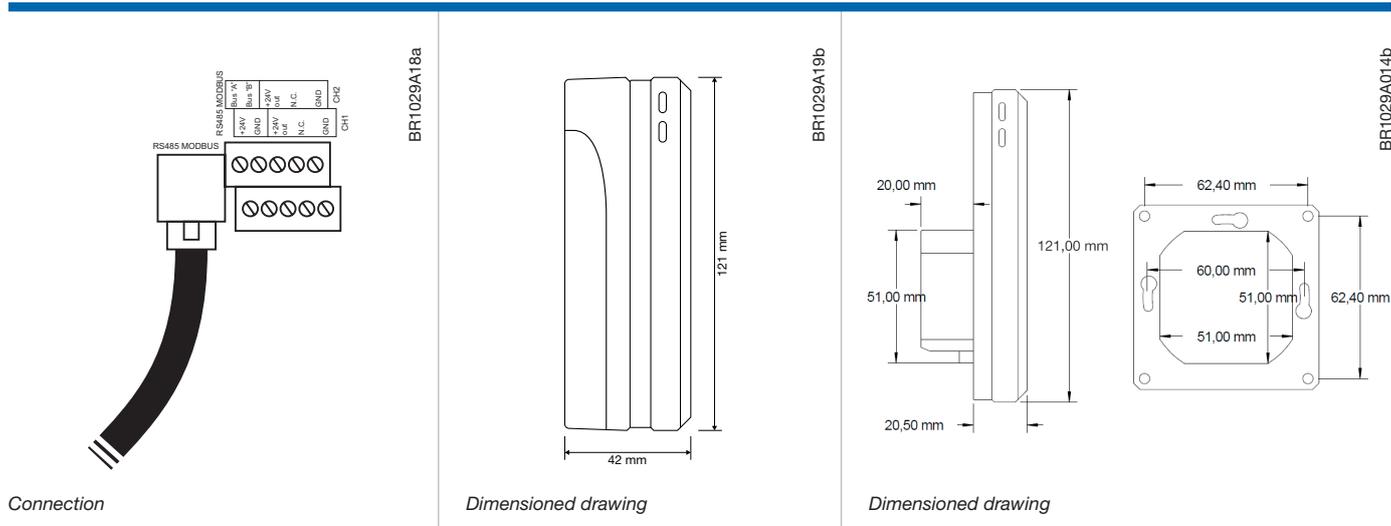
No secrets
All values are visible to everyone, and a complete overview of system operation is provided for users in clear displays. Settings which are only of relevance for installers and service technicians are, however, password protected.

Simple installation
AHC-3000-HMI-35T is connected to the OJ-Air AHC 3000 via Quick Plug™ Modbus, eliminating time-consuming installation faults and troubleshooting. The software is automatically updated to the latest AHC-3000 version. You therefore always have the right version in stock, because there is only one.

OJ air2 COMPATIBLE

BR1029A18a

Connection

BR1029A19b

121 mm

42 mm

Dimensioned drawing

BR1029A014b

20,00 mm

121,00 mm

51,00 mm

20,50 mm

62,40 mm

60,00 mm

51,00 mm

51,00 mm

62,40 mm

Dimensioned drawing

Complete overview of components

Does the filter need to be replaced? Simply tap the filter icon for an immediate answer. Other components of the air handling unit work in the same intuitive way. The status of fans and heating or cooling coils are always at hand.

INSTALLATION

Installing the control panel

AHC-3000-HMI-35T should be flush mounted in a wall box approximately 1.5 m above the floor. Or the accompanying back cover can be used if the panel is to be held in the hand or hung on the wall.

Cable connections

AHC-3000-HMI-35T is connected to the AHC-3000 with a Quick Plug™ Modbus connection using 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
AHC-3000-HMI-35T	OJ Air touch control panel
AHC-3000-x	AHU controller

TECHNICAL DATA

Display	3.5" TFT colour touchscreen
Supply voltage	24 V DC ±10%
Power consumption	<0.9 W
Electrical connection	screw terminals, max. 1 mm²
QuickPlug™ Modbus	1 x RJ12 (6P6C)
Ambient operating temperature	-10/+40°C
Dimensions	80 x 121 x 42 mm
Installation depth	22 mm
Enclosure	IP20
Weight	190 g

CE marking

AHC-3000-HMI-35T meets the requirements of the following directives:
EMC Directive
EN 61000-6-2   EN 61000-6-3