Installation guide
heatcon! System WG

0450000600-1915

heatcon! System

Installation guide

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1 Table of contents

2 Safety

2.1 General Information

Any person charged with working on the device or system, must have read and understood this manual, especially the chapter on "Safety".

Instruction may be necessary, dependent on the professional qualifications of the persons in question.

The relevant accident prevention regulations and other generally accepted safety regulations must be complied with.

2.2 Structure of the warning instructions

Explanation of the warning instructions in this manual:

⚠ DANGER

Brief description of the hazard

The signal word **DANGER** indicates a directly threatening hazard.

Non-observation leads to severe injuries or death.

⚠ WARNING

Brief description of the hazard

The signal word **WARNING** indicates a possible hazard.

Non-observation may result in severe injuries or death.

⚠ CAUTION

Brief description of the hazard

The signal word **CAUTION** indicates a possible hazard.

Non-observation can result in slight or moderate injuries.

ATTENTION

Brief description

The signal word **Attention** indicates possible property damage.

Non-observation can lead to damage to the device or plant.

NOTE

The signal word **note** indicates further information about the device or its use.

2.3 Personnel qualifications

The electrical installation, initial operation and servicing of the device may only be performed by qualified electrical technicians who have been authorised by the operator.

The technicians must have read and understood these operating instructions and follow their procedures.

Requirements to be met by a qualified electrical technician:

- Knowledge of general and special safety and accident prevention regulations.
- Knowledge of the relevant electrical regulations (e.g. DIN VDE 0100 Part 600, DIN VDE 0100-722) plus the relevant national regulations.

- Ability to identify risks and avoid possible hazards.

2.4 The housing heatcon WG

The wall mounting housing heatcon! WG is intended for indoor installation and must not be installed outdoors. Bevor installation and during use the housing must be checked for damage and thightness and replaced by a specialist if necessary.

3 heatcon! WG

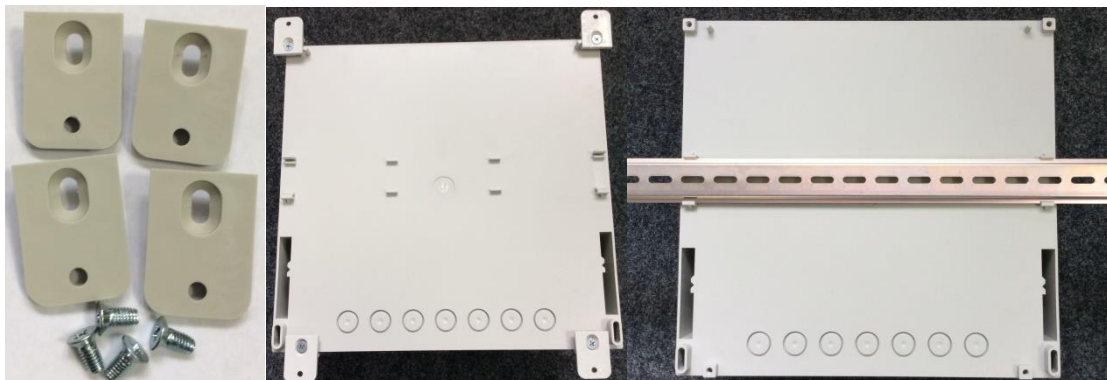heatcon! WG is a complete set consisting of

- Wall-mounted housing WG 1000
- heatcon! EC 1321 Pro
- heatcon! MMI 200

heatcon! EC and MMI 200 are mounted in the wall-mounted housing. All inputs and outputs of the heatcon! EC are already wired to the terminals. The installation is carried out comfortably at the easily accessible terminals of the wall mounting housing.

4 Installation

Montieren Sie das Wandaufbaugehäuse an geeigneter Stelle an der Wand. Zur Montage können Sie wahlweise eine Hutschiene EN 60715 (nicht im Lieferumfang enthalten) verwenden oder die mitgelieferten Wandhalter.
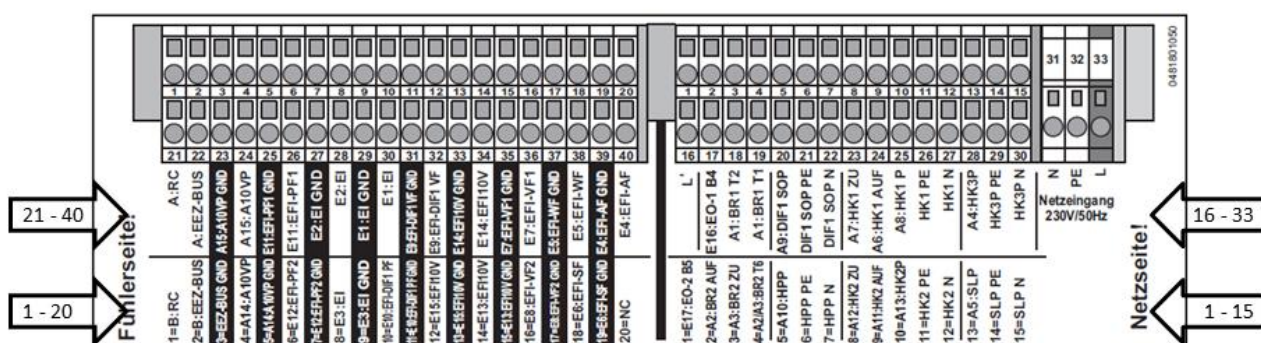
ATTENTION

Ensure that no pipes or cables are laid in the wall beneath the mounting location that could be damaged by the installation.

5 Supply line at the heatcon! WG

The electrical installation must be carried out with fixed wiring in accordance with DIN VDE 0100-520.
The supply line must be protected by the emergency heating switch.

6 Connection terminals

The sensors, pumps and other components are connected according to the connection diagram in the housing ceiling of the wall-mounted housing.
The setup wizard of the heatcon! EC preassigns the inputs and outputs. When wiring, pay attention to the desired functions according to the preassignment of the connection terminals.

⚠ DANGER

When wiring, make sure that all live devices are voltage-free.

7 Installation (Parameterization) heatcon! EC

The installation of the heatcon! EC is carried out via a menu-driven setup wizard.

7.1 Installation via MMI

After power on, the setup wizard appears in the MMI.

Install the heatcon! EC as described in the short instructions included the device. Detailed installation instructions for the heatcon! Systems can be found at https://ebv-gmbh.eu/downloads.

7.2   Installation via Computer/Laptop

7.2.1   Preparation

For the installation of the heatcon! EC via PC/laptop it is necessary to make the internal connections LAN and USB accessible.
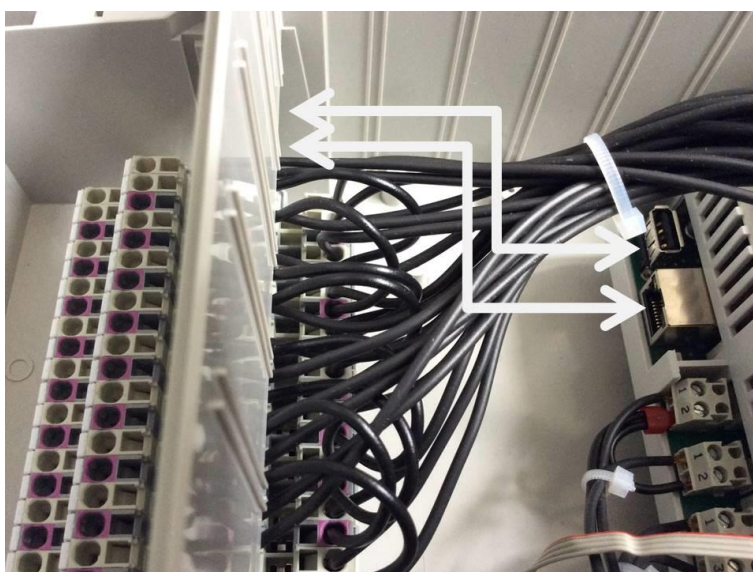Open the wall-mounted housing by loosening the screws and carefully lifting off the cover.

Note

Make sure that the existing cables remain in place. If cables are removed, their functionality will later be impaired or no longer exist.

Plug in a USB extension cable to the USB port and a patch cable (LAN) to the LAN port of the heatcon! EC and lead the cables into the area of the accessible terminal strips.

Carefully reinsert the housing cover and tighten the screws.

7.2.2 Installation

Connect the heatcon! EC with the network. Plug the LAN cable into a free port of the Internet router or a switch.

For installation, the USB port of the heatcon! EC is connected to the USB LAN Adapter from the heatapp! installation kit. The LAN port is connected to the network card of your laptop.

The details of the installation can be found in the heatcon! system installation guide! Detailed installation instructions for the heatcon! System can be found under https://ebv-gmbh.eu/downloads.

8 Finishing

Finally, put on the cover of the wall mounting housing and tighten the screws.