



heatapp! base and gateway!



The heatapp! system

A

Ready for energy efficiency class A



Operation via app - intuitive and easy, from anywhere (iOS & Android)



plug & play: safe and professional installation by an expert



with wireless actuators for wall heater (optional)



with zone controllers for floor heating (optional)



bidirectional radio communication: easily retrofitted!





heatapp! base

Setup heatapp! base

- **heatapp! base** mounting on the wall:
 - near a LAN connection or
 - within reach of the existing wireless network (heatapp! wireless stick necessary)
 - optional: close to the energy generator
- **heatapp! base**: connection to mains power and connection with the customer network (by LAN-cable or with the heatapp! wireless-stick)
- Connection between laptop and **heatapp! base** via heatapp! USB-LAN adapter
- Setup wizard will be opened automatically, step-by-step
- after completion: remove the installation-kit from **heatapp! base**





heatapp! base

Setup wizard heatapp! base

login ✓ > Network ✓ > energy generator ✓ > rooms ✓ > name heating system ✓ > user ✓ > date / time ✓

Welcome to the initial setup

The initial setup guides you through the menu to adjust the system. Please start by pressing the arrow button on the right side.



After connecting the PC / laptop with the adapter, the setup wizard will be opened automatically. If it does not work, open a browser and fill the following address into the address line: `http://10.0.0.1`.



heatapp! base

Network setup LAN (recommended)

Network ✓ > energy generator ✓ > rooms ✓ > name heating system ✓ > user ✓ > date / time ✓

Network

heatapp! base has to be integrated into the network to allow access. Please chose your network connection.

+ network connection via LAN	192.168.104.11	●
+ network connection via WLAN		●
+ proxy server configuration		●

Internet access available

Apply network configuration

heatapp! connect

Would you like to operate the heating system from anywhere via Internet? Acitvate the connection to heatapp! connect.

yes ☒ connection to heatapp! connect

Connected successfully to heatapp! connect

Network ✓ > energy generator ✓ > rooms ✓ > name heating system ✓ > user ✓ > date / time ✓

Network

heatapp! base has to be integrated into the network to allow access. Please chose your network connection.

- network connection via LAN	192.168.104.11	●
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MAC address: 08:52:40:01:1e:1f

☐ network configuration automatically

☒ network configuration manual

Caution: Changes to these settings can lead to the heatapp! base being unusable due to errors in the network configuration.

IP address: 192.168.104.11

networkmask: 255.255.255.0

standard gateway: 192.168.104.11

DNS server: 192.168.104.11

WLAN

If the customer network does not assign addresses automatically, please ask the network administrator for the correct values and fill them in manually.



heatapp! base

Network setup via WLAN (an alternative to LAN)

Network ✓ > energy generator ✓ > rooms ✓ > name heating system ✓ > user ✓ > date / time ✓

Network

heatapp! base has to be integrated into the network to allow access. Please chose your network connection.

network connection via LAN 192.168.104.11 ●

MAC address: 08:52:40:01:1e:1f

☒ network configuration automatically

☐ network configuration manual

network connection via WLAN ●

MAC address: 10:7b:ef:c6:ba:34

The following networks have been found. Please choose your network.: scan again

EbV-Guest encryption: psk2	88% ➔
EbV-Wlan encryption: psk2	
Connect to hidden WiFi	

Network ✓ > energy generator ✓ > rooms ✓ > name heating system ✓ > user ✓ > date / time ✓

Network

heatapp! base has to be integrated into the network to allow access. Please chose your network connection.

network connection via LAN 192.168.104.11 ●

MAC address: 08:52:40:01:1e:1f

☒ network configuration automatically

☐ network configuration manual

✕

Connect to hidden WiFi

Network name (SSID):

Encryption method:

WLAN key:

☐ Show password

☒ network configuration automatically

☐ network configuration manual

connect

- Wireless internet is only necessary if a connection via LAN is not available.
- Ask the customer / the network administrator to enter the WLAN key for security reasons by himself.
- If the WLAN is not visible, the network name must be entered.



heatapp! base

Network setup proxy

Network ✓ > energy generator ✓ > rooms ✓ > name heating system ✓ > user ✓ > date / time ✓

Network

heatapp! base has to be integrated into the network to allow access. Please chose your network connection.

network connection via LAN 192.168.104.11

MAC address: 08:52:40:01:1e:1f

☒ network configuration automatically

☐ network configuration manual

network connection via WLAN

proxy server configuration

☐ no network proxy required

☒ network proxy required

Enter the URL of your proxy server

URL

Internet access available

Apply network configuration

Proxy servers are seldom in the private sector.
Ask the network administrator for proxy data and enter here, if necessary.



heatapp! base

System-Update

The screenshot shows the 'Network' configuration page of the heatapp! base. At the top, a progress bar indicates the setup steps: login, Network, energy generator, rooms, name heating system, user, and date / time, all of which are completed. The 'Network' section contains options for 'network connection via LAN' (192.168.104.11), 'network connection via WLAN', and 'proxy server configuration' (http://192.168.104.199:3128). A modal dialog titled 'System Update' is displayed in the center, stating: 'An update is available. Please go to the [system update page](#) to install the upgrade before the initial setup.' Below the dialog, a green bar indicates 'Internet access available'. At the bottom, there is a button labeled 'Apply network configuration'.

When the Internet connection is running, heatapp! base checks automatically whether a system update is present. Is there an update available, please install the upgrade before the initial setup of the heatapp! system.



heatapp! base

Activate heatapp! connect

Network ✓ > energy generator ✓ > rooms ✓ > name heating system ✓ > user ✓ > date / time ✓

Network

heatapp! base has to be integrated into the network to allow access. Please chose your network connection.

+ network connection via LAN	192.168.104.11	●
+ network connection via WLAN		●
+ proxy server configuration	http://192.168.104.199:3128	●

Internet access available

Apply network configuration

heatapp! connect

Would you like to operate the heating system from anywhere via Internet? Acitvate the connection to heatapp! connect.

yes ☒ connection to heatapp! connect

Connected successfully to heatapp! connect.

- For accessibility of the heatapp! System from everywhere, you have to activate the heatapp! connect.
- Only if heatapp! connect is activated, it is possible to control the heating mobile and service through remote maintenance and it is also possible to receive error messages.
- The data security of heatapp! connect has been developed in collaboration with the Institute for Internet Security.



heatapp! base

heat generator

Network > energy generator > rooms > name heating system > user > date / time

energy generator

1

energy generator
select

Choose the type of the connected heat generator. Optional you can change the name.

type	<div>none</div>
name	<div>none heat generator (OT/Bus) heat generator with control signal 0–10 V (A2)</div>

ok

2

Single room heat regulation
Here you can configure the individual room control.

Choose the type of heat generator the **heatapp! base** should be connected (OT/Bus, control signal 0-10V, switching contact).
If no connection from the single-room control to the heat generator is desired, choose „none“.



heatapp! base

Selection single-room control

Network > energy generator > rooms > name heating system > user > date / time

energy generator

1

energy generator
none

✓

2

Single room heat regulation
Here you can configure the individual room control.

Turn off the individual room control when heatapp! gateway is not use.

Single room heat regulation

active

passive

active

ok

If you use a heatapp! gateway, choose „single room heat regulation active“. In case of reference room regulation choose „single room heat regulation passive“.



heatapp! base

Rooms

Network > energy generator > rooms > name heating system > user > date / time

room mapping

Register the rooms, which are about to be controlled with heatapp!

1 Create a new heating zone

Please set a default name for the room, e.g. children's room. You can individualize room names in the app. If the heat source is connected please allocate it to the room.

room name

back

save

Network > energy generator > rooms > name heating system > user > date / time

room mapping

Register the rooms, which are about to be controlled with heatapp!

1 room 1 Livingroom

2 Create a new heating zone

Please set a default name for the room, e.g. children's room. You can individualize room names in the app. If the heat source is connected please allocate it to the room.

room name

back

save

Network > energy generator > rooms > name heating system > user > date / time

room mapping

Register the rooms, which are about to be controlled with heatapp!

1	room 1 Livingroom	
2	room 2 Bathroom	
3	room 3 Bedroom	
4	room 4 Child Anna	
5	room 5 Kitchen	
6	room 6 Child Ben	
7	Create a new heating zone	



heatapp! base

System name

login  > Network  > energy generator  > rooms  > name heating system  > user  > date / time 

name heating system

What is the name of the heating system?

**name heating
system:**

You see this name later in the app

plant location:

ZIP code and location for weather data



heatapp! base

User

login ✓ > Network ✓ > energy generator ✓ > rooms ✓ > name heating system ✓ > user ✓ > date / time ✓

login ✓ > Network ✓ > energy generator ✓ > rooms ✓ > name heating system ✓ > user ✓ > date / time ✓

user

To use the heatapp! base, the user must with username and password to login. Register at least two users who have the roles:

- Expert, for full access to all settings
- Owner, for individualisation and user management

Additional users can be added to at a later date.

Caution:

Without login credentials is the use of the heatapp! base not possible!
Keep the data.

Please create a new user.

user role:

Please choose

Please choose
user
owner
Expert

user name:

password:

Repeat your password:

first name:

name:

create

user

To use the heatapp! base, the user must with username and password to login. Register at least two users who have the roles:

- Expert, for full access to all settings
- Owner, for individualisation and user management

Additional users can be added to at a later date.

Caution:

Without login credentials is the use of the heatapp! base not possible!
Keep the data.

+ Please create a new user.

1	admin Mr. admin admin user role: Expert	➔
2	owner Mr. owner owner user role: owner	➔

The installer sets two logins: himself as an expert and an owner (the customer). The owner has the possibility to add further user for the heatapp! system and is able to assign them appropriate rights.



heatapp! base

Date / Time

login ✓ > Network ✓ > energy generator ✓ > rooms ✓ > name heating system ✓ > user ✓ > date / time ✓

date / time

system time: 28.07.2015 11:40 (Europe/Berlin)

time zone: Europe/Berlin ▼

time synchronisation

- ☒ automatic Internet synchronisation
- ☐ automatic time sync with your own NTP server.
- ☐ manual time setting

The time and date will be synced automatically with the standard time servers through the internet connection.

save

To regulate the system temporally, the adjustment of the time is important. We recommend to choose the automatic time synchronisation via Internet. The time-setting can also be done manually.

The time of the system will be updated if you click on “save”.



heatapp! base

login  > Network  > energy generator  > rooms  > name heating system  > user  > date / time 

Done

You finished the heatapp! base setup successfully. Click here to continue.

menu

The setup of heatapp!
base is finished.

