

# **Experience heating new**



#### heatapp! App





heatapp! base t2b

heatapp! sense-wire



Theta 3.x





**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!





### The heatapp! base T2B with the heatapp! App makes the THETA can be controlled and operated via app from anywhere.



# In this presentation, we will explain the special features during and after the installation.



#### Setup wizard heatapp! base



#### 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.

 $\bigcirc$ 

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.



#### 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

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

 $\langle \langle \rangle \rangle$  energy generator  $\langle \rangle$  ) rooms  $\langle \rangle$  ) name heating system  $\langle \rangle$  ) user  $\langle \rangle$  ) date / time  $\langle \rangle$ 

network connection via LAN	192.168.104.11		network connection v	ia LAN	192.168.104.11
network connection via WLAN	l i		MAC address: 0	8:52:40:01:1e:1f	
C proxy server configuration			network configuration	on automatically	
Internet access available			hetwork configuration	on manual	
Apply network configuration			Caution: Changes to the network configuration.	hese settings can lead to the heatappI base b	eing unsuable due to errors in the
heatapp! connect			IP address:	192.168.104.11	
Would you like to operate the heating	system from anywhere via Internet? Acitvate the connection t	o heatappl	networkmask:	255.255.255.0	
connect.			standard gateway:	192.168.104.11	
heatapp! connect			DNS server:	192.168.104.11	
Connected successfully to heat	If the customer network doe automatically, please ask th for the correct values and fil	es not assign e network ad Il them in ma	addresses ministrator nually.	۹N	٠



#### Network setup via WLAN (an alternative to LAN)

Network

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

#### Network

etwork connection via LAN	192.168.104.11	O netv	vork connection via	LAN	192.168.104.11
AC address: 08:52:40:01:1e:1f		MAC add	dress: 08.5	2:40:01:1e:1f	
o network configuration automatically		0 1	Connect to hidd	en WiFi	
network configuration manual			Network name (SSID):	FRITZIBox WLAN 3170	
> network connection via WLAN	•	🗢 net	Encryption method:	No encryption	
AC address: 10:7b:ef:c6:ba:34		MAC a	WLAN key:	•••••	
The following networks have been found. Please choose	e your network.:		Show pass	sword	
EbV-Guest encryption: psk2	88% 🕥		O network co	onfiguration automatically	
EbV-Guest encryption: psk2 EbV-Wlan	88% 🕥		<ul> <li>network co</li> <li>network co</li> </ul>	onfiguration automatically	
EbV-Guest encryption: psk2 EbV-Wlan encryption: psk2 Connect to hidden WiF Connect to hidden WiF	ss internet is only neco available.	essary if	network contracts     network contracts     a connects	onfiguration automatically onfiguration manual ction via LAN	Connect



#### 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.

	ion via LAN	192.168.10	4.11
MAC address:	08:52:40:01:1e:1f		
O network config	uration automatically		
network config	uration manual		
network connecti	ion via WLAN		•
proxy server con	figuration		•
no network pro	xy required		
O network proxy	required		
Enter the URL of y	our proxy server		

Apply network configuration

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



#### System-Update

login 🕢 > 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				
no network proxy required					
System Update					
En An update is available. Please go to the <u>system update page</u> to install the upgrade before UF the initial setup.					
Internet access available					
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.



#### Activate heatapp! connect

Network ( ) > energy generator ( ) > rooms ( ) > name heating system ( ) > user ( ) > date / time	nergy generator 🕢 〉 rooms 🕢 〉 name heating system 🕢 〉 us	ser 🕢 🔪 date / time 🗸
---	--	-----------------------

#### Network

 network connection via LAN
 network connection via WLAN
 proxy server configuration
 http://192.168.104.199:3128
 Internet access available
 Apply network configuration
 Heatapp! connect
 yes
 connection to heatapp! connect
 Connection to heatapp! connect

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

- 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.



#### Select energy generator

network 🕢 ) energy generator 🕢 ) rooms 🕢 ) name heating system 🕢 ) user 🕢 ) Date / time 🕢

#### energy generator

1	energy generator				
	Choose the type of the c name.	onnected heat generator. Optional you can change the			
	type	regulator (T2B/Bus)			
		off			
	name	temperature signal 10V			
		release contact			
		regulator (T2B/Bus)			
		OK			
2	domestic hot water Has the domestic hot water to be carried out by the system				
3	Single room heat regulation Here you can configure the individual room control.				

### Select the controller as energy generator here.



#### Select energy generator

network 🕢 🕽 energy generator 🤅	🕖 🔪 rooms 📿	) ) name heating system 🗸	🔿 🕽 user 🕢	) 🔪 Date / time 🕢
--------------------------------	-------------	---------------------------	------------	-------------------

#### energy generator

1	energy generator type regulator (T2B/BUS)   name	-	$\checkmark$	
2	domestic hot water Has the domestic hot water to be a Please select the function	carried out by the system		The controller can also be
	domestic hot water	off regulator (T2B/Bus) ok		selected for hot water preparation.
3	Single room heat regulat Here you can configure the individ	tion ual room control.		



#### Select energy generator

	network 🕢 👌 energy generator 🕢 👌 rooms 🕢 👌 name heating system 🕢 👌 user 🕢 👌 Date / time 🖉	
energ	y generator	It is important to select whether an single room
1	energy generator type regulator (T2B/BUS)   name	regulation is to be connected. This affects the following pages
2	domestic hot water domestic hot water regulator (T2B/BUS)   name -	of the setup wizard.
3	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 active	
	passive active	
	ok	

For outdoor temperature control and/or connection to heatapp! sense-wire (reference room control), select "Off". If a heatapp! gateway is used, select "On".



#### Single room control PASSIVE = Room groups

network 🕢 > energy generator 🕢 > rooms 🕢 > name heating system 🕢 > user 🕢 > Date / time 🕢

#### room mapping

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



heatapp! recognises all existing heating circuits and creates a room group for each heating circuit to which no room station is assigned. The supply of the room groups is automatically assigned to the corresponding heating circuits.



#### Single room control ACTIVE = Rooms

network 🕢 〉energy generator 🕢 〉rooms 🕢 〉 name heating system 🕢 〉user 🕢 〉 Date / time 🕢

#### room mapping

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

i source and a source of the s		room 1	Livingroom	room name Livingroom	room supply	regulator HC
--	--	--------	------------	----------------------	-------------	--------------

Here you can change the default name, which is used in the skilled area. Optionally, correct the supply room.

	room name	Livingroom	
	room supply	regulator HC 🗸	
		regulator GEN	
		regulator HC	
		regulator MC1	
		regulator MC2	
2	Create a new heating zon	none	

With single room control, all rooms that are controlled with heatapp! are created here. The room supply selects the source to which the heat demand is to be reported.



<b>C</b>		
51	ictom	name
	JULII	nunic



#### 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



login 🧭 👌 Network 🧭 👌 energy generator	🕢 ) rooms 🥢 ) name heating system 🕢 ) user	🕢 🔾 date / time 🕢	login 🧭 > Network 🕢 > energy generator 🥢 > rooms 🕢 > name heating system 🕢 > user 📿 > date / time 📿
r e the heatapp! base, the user must wit the roles: ert, for full access to all settings	h username and password to login. Register at	least two users who	User To use the heatapp! base, the user must with username and password to login. Register at least two users who
eer, tor individualisation and user mana onal users can be added to at a later o on: ut login credentials is the use of the he the data.	iate. atappI base not possible!		<ul> <li>Expert, for full access to all settings</li> <li>Owner, for individualisation and user management</li> <li>Additional users can be added to at a later date.</li> </ul>
Please create a new user.	user name:	۲	Caution: Without login credentials is the use of the heatapp! base not possible! Keep the data.
Please choose Please choose user owner Expert [hn]	password:		Please create a new user:
first name:	Repeat your password:		1 Admin Mr. admin admin user role: Expert
			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.



#### Date / Time

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

#### date / time

system time:				
time zone:	Europe/Berlin	•		
time synchroni	sation			
O automatic Internet synchronisation				
automatic time sync with your own NTP server.				
manual time	manual time setting			

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

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.

save

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





#### Done

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



The setup of heatapp! base is finished.



From now on heatapp! determines the necessary Heat demand for the room groups / rooms and forwards it to the THETA regulation. Some functions of the THETA controller disabled and taken over from heatapp!





heatapp! takes over the functions of the THETA control, which can only be operated in heatapp!



heatapp!

permanently indicate

the status "Heating".







The operating modes are controlled in the heatapp! system.

The heatapp! system offers user-friendly detailed operating modes for each room/room group.

# heatapp! base t2b

Symbol	Operating mode
ste.	Automatic mode comfort-temperature. Heating mode is active after the set cycle
*	time. This is a repetitive temperature defined in the switching time program.
234	Automatic mode economy-temperature. Heating mode is active after the set cycle
10	time. This is a repetitive temperature defined in the switching time program.
*)	Automatic mode set-back-temperature. Reduce mode is active after the set cycle
	time.
A	Heating mode takes place with the set required temperature until the end of the cycle
	time, however for at least 3 hours.
	Standby Function. With the Standby Function the selected rooms are switched off
٩	frost-protected. In contrast to the holiday scene, the standby function has no time
	limit.
	Windows closed. Control according to the set desired temperature.
5	Windows open. The controller follows the parameters defined in the heatapp! base
Ų	menu Profi > Room.
A. 🔉	
(h)+ (h)	
¥ Y	
	Corresponding scene active for the room.





heatapp! takes over the controller of the switching times. Up to 3 switching times can be set for each room/room group. 2 day temperature levels (feel-good and economy temperature) and the night temperature (set-back temperature) are available.









The domestic hot water is also controlled in heatapp!

In the switching times you can comfortably set up to 3 switching times as the day and night temperature for hot domestic water.

In the THETA information menu, domestic hot water is permanently displayed with "Heating".







### In the menu "Expert" the access to the Room / room group and THETA parameters







System-Parameter from THETA and heatapp! Hot water-Parameter from THETA

Room / Room goups-Parameter from THETA and heatapp!

Parameterfrom THETA

THETA informations and Parameter

Fault messages of the heatapp! system Configuration of the heatapp! system

# heatapp! base t2b menu System





# heatapp! base t2b menu hot water

Hot water						
information	>					Shutdown
basic settings	>	Basic settings	>	Shutdown	>	Operation mod
heating mode	>				-	Room
reset	>					Operation mode

The heatapp! system offers the possibility to set every room / room group to summer mode (switching off the request via outdoor temperature in expert menu). The "Standby" and "Vacation" scenes are also available. This switches off the heating operation in frost-protected mode.

In the hot water basic settings, select how hot water is switched off.

Room: In addition to the switching times, hot water is switched off via the "Standby" and "Vacation" scenes.

Operating mode: Hot was as set in the cycle times.

This control replaces the summer switch-off known from THETA.

Room / Room group

Information

#### operation mode

automatic

state

room blocking

setpoint

20.0 °C

is temperature

24.0 °C

outside temperature

8.0 °C

battery sensor

66 %

state valve 1

off

Battery window sensor 2

request

regulator HC

All information from / for THETA and heatapp! concerning the room / room group is displayed here.

The displayed outdoor temperature is the mean value of the outdoor temperature averaged according to the type of building set. The complete list of information can be found in the parameter list of the operating instructions at www.heatapp.de/service/downloads.



**Attention**: The adjustments of these parameters are **NOT** displayed in the THETA

THETA direct heating circuit / mixed circuit Parameter 16

**THETA System Parameter 5** 

This parameter corresponds to the room thermostat function of the THETA direct heating circuit / mixed circuit Parameter 9



heatapp! parameter needed to calculate the requirement.

Setting the outdoor frost protection to activate the frost protection function for the room / room group.

Switching off the request via outdoor temperature

If the room setpoint is exceeded by the limit value set here, the values of the zones controlled by heatapp! floor close.

**Note:** A detailed and complete description can be found in the instruction manual under <u>www.heatapp.de/service/downloads</u>



**Attention**: The adjustments of these parameters are **NOT** displayed in the THETA

THETA direct heating circuit / mixed circuit Parameter 6



heatapp! parameter needed to calculate the requirement.

heatapp! parameter needed to calculate the requirement.

**Note:** A detailed and complete description can be found in the instruction manual under <u>www.heatapp.de/service/downloads</u>



**Attention**: The adjustments of these parameters are **NOT** displayed in the THETA

### heatapp! base t2b menu Energy generator

Energy generator	>	Information	>	
state on				
energy generator				
setpoint 41.0 °C				
<b>is temperature</b> 53.0 °C				

Informations from THETA controller

# heatapp! base t2b menu Energy generator

Energy generator Service manual mode ▼ off off 38.0 °C 38.5 °C 39.0 °C 39.5 °C 40.0 °C 40.5 °C 41.0 °C 41.5 °C 42.0 °C 42.5 °C 43.0 °C 43.5 °C 44.0 °C 44.5 °C 45.0 °C 45.5 °C

THETA speed button(This function can also be operated directly at the THETA)

Attention: The adjustments of these parameters are **NOT** displayed in the THETA The LED control on the heatapp! base T2B flashes during manual operation.

## heatapp! base t2b menu Energy generator

Energy generator	>	Basic settings	>	
name				
e.g Viessmann				
ok				

A name for the energy generator can be assigned here as an option. This simplifies the recognition value of the system for the plumber.

### heatapp! base t2b menu Regulator

Regulator	>	Information	>
OUTSIDE			^
		8.0 °C	-1
OUT MIN/MAX			
8.0 °C		8.5 °C	-1
EM-SET			
0.0 °C		41.0 °C	-1
HEAT GENER.			
		53.0 °C	-1
DHW		50.5.30	
		59.5 °C	-1
FLOW MC1		50 5 %	
		38.5 0	-1
FLOW MC2		36.5 °C	
ROOMTEMP HC		_	
ROOMTEMP MC1			
POOMTEMP MC2			
NOOM TEMP MC2		-	
OPER, HOURS			
30 h		ST-2	
NR OF STARTS			
5		ST-2	
OPER. HOURS			
31 h		ST-1	

Information from THETA controller, which can be called up via the **"i**" key.

# heatapp! base t2b menu Regulator

Regulator	>	Parameter	>	
HYDRAULIC HYDR.			>	
SYSTEM SYST.			>	
DHW DHW			>	
UNMIXED CIRC HC			>	
MIX. VALVE-1 MC1			>	
MIX. VALVE-2 MC2			>	
BUS			>	
ALARM			>	
SENSOR ADJ.			>	

The complete THETA menu is available here. All parameters can be set here. The parameters set here are also displayed in the THETA. 3 examples are shown on the following pages.

# heatapp! base t2b menu Regulator

THETA



Control system

#### SYSTEM Level

The parameters in this level refer to the general limiting parameters and setting values in the heating system to be used.

Parameter	Designation	Setting range / Setting values	Factory preset	Individual setting
LANGUAGE	Language selection	DE German CZ Czech GB English PL Polish FR French RO Romanian T Italian RU Russian NL Dutch TR Turkish SS spanish S Swedish PT Portuguese N Norwegian U Hungarian BG Bulgarian	DE	
TIME PROGRAM	Number of enabled time programs	P1         Only one time program enable           P1-P3         Three time programs enabled	P1	
CONTROL MODE	Enabling of separate control mode setting (room temp. specific. and operat. modes)	Common setting for all heating circuits     Individual setting for every heating     circuit	ing 1	

### heatapp! base t2b menu Regulator System

Regulator	Parameter	System	>		
LANGUAGE SYST.	DE	Parameter	Designation	Setting range / setting values	Factory setting
PROGRAM	>	LANGUAGE	Language selection	DE, GB, FR, IT, NL, ES, PT, HU, CZ, PL, RO, RU, TR, SE, NO, BG	DE
SYST.	P1	TIME PROGRAM	Number of enabled time programs	P1 Only one time program enabled P1-P3 Three time programs enabled	P1
SYST.	20.0 °C	SUMMER	Limit temperature for summer switch-off	OFF no function System frost protection 30°C (switch-off at set value)	20°C
PARAMETER 05 SYST.	3.0 °C	05	Plant frost protection	OFF no function -20 Summer switch-off (frost protection at set value)	3°C
		09	Climate zone	-20 0°C	-12°C
PARAMETER 03 SYST. PARAMETER 10	-12.0 °C	10	Building type	<ol> <li>Light construction</li> <li>Medium construction</li> <li>Heavy construction</li> </ol>	2
PARAMETER 11	2	11	Time for automatic exit	OFF no automatic exit 0,5 5 min Automatic return to standard after set time	2 Min.
PARAMETER 12 SYST.	ON >	12	Pump and mix valve forced operation (Antiblocking protection)	On activ OFF not activ	ON
PARAMETER 13		13	Logical malfunction message	ONDisplay activOFFDisplay not activ	OFF
PARAMETER 14		14	Automatic set function	<ul><li>OFF Automat. sensor recognition deactivated</li><li>ON Automat. sensor recognition activated</li></ul>	OFF
SYST.	OFF	18	Enable cycle temperature	<ul><li>OFF Cycle temperature (switching times) blocked</li><li>ON Cycle temperature (switching times) enabled</li></ul>	ON
PARAMETER 18 SYST.	ON	19	Frost protection mode	OFF Permanent frost protection according to system frost protection	OFF
PARAMETER 19 SYST.	OFF			u.sbu min Cycle operation	

#### heat heatapp! base t2b menu Regulator Hot water

Regulator	Parameter	> DHW	>		
DHW NIGHT	40.0 °C	Parameter	Designation	Setting range / setting values	Factory setting
LEGION. PROT. DAY	мо	HOT WATER NIGHT	DHW economy temperature	5 °C DHW maximum temperature	40°C
PARAMETER 03 DHW	02:00	LEGIO- PROTECTIO N	DHW Legionella Protection Day	OFFNo legionella protectionMonSunLegionella protection on the set weekdayALLDaily legionella protection	OFF
PARAMETER 04 DHW	65.0 °C	03	DHW Legionella protection time	00:00 23:00	02:00
PARAMETER 05 DHW	, <b>&gt;</b>	04	DHW Legionella protection Temperature	10 DHW maximum temperature	65°C
PARAMETER 06	67.0°C	05	Type of DHW temperature measurement	1 DHW temperature sensor 2 DHW temperature controller (thermostat)	1
PARAMETER 07	2	06	DHW-temperature limit	20 $^\circ\text{C}$ Heat generator maximum temperature	65°C
PARAMETER 08 DHW PARAMETER 09 DHW	ол <b>)</b> 15.0 к	07	DHW operating mode	<ol> <li>Parallel mode</li> <li>Priority mode</li> <li>Conditional priority</li> <li>Weather-controlled parallel mode</li> <li>Priority mode with intermediate heating</li> </ol>	2
		•		<ul><li>6 Priority separation circuit</li><li>7 External operation</li></ul>	
		08	DHW tank discharge protection	<ul><li>OFF No discharge protection</li><li>ON Discharge protection activated</li></ul>	ON
		09	Boiler parallel shift during DHW charging	0 50 K Difference between DHW charging temperature and DHW setpoint	15K
		•••			

### heatapp! base t2b menu Regulator Mixer

Regulator	Parameter	Mix. Valve	n 🕨			
RED. HEATING	RED	Parameter	Designation	2	Setting range / setting values	Factory setting
HEAT. SYSTEM		REDUCED	Type of reduced	mode /	ECO switch-off mode frost-protection ABS lowering mode	ECO
PARAMETER 03	1.10	HEATING SYSTEM	Heating system (	(exponent)	1,00 10,00	HC = 1.30 MC = 1.10
MC1	1 2			(	OFF Room sensor deactivated 1 Room sensor activated	
PARAMETER 04 MC1	RC	03	Room influence	(with room unit ) 2	2 Room sensor activated, operation of room unit blocked	OFF
PARAMETER 05				3	B Display character only (room temperature)	
MC1	OFF	04	Room factor	(	OFF, 10 500 %, RC (room control only)	OFF
PARAMETER 06	<b>N</b>	05	Adaptation heati	ing curve (	OFF, ON	OFF
MC1 PARAMETER 07	OFF	06	Switch-on optim	ization (	OFF, 1 16 h	OFF
MC1	OFF					
PARAMETER 08 MC1	10.0 °C	07	Heating limit	(	OFF, 0.540 K	OFF
PARAMETER 09		08	Room frost protection limit		5 30 °C	10°C
MC1	OFF	09	Room thermosta	at function (	OFF, 0.5 5 K	OFF
PARAMETER 12 MC1	20.0 °C	12	Minimum tempe	erature limit 2	10 °C Maximum temperature limit (parameter 13)	20°C
PARAMETER 13 MC1	100.0 °C	13	Maximum tempe	erature limit	Minimum temperature limit (parameter 12) Maximum temperature limit heat generator	75°C

# heatapp! base t2b menu Fault message

Fault message

Heating zone 1 radio device actuator 1 responds battery low 23.05.2019 07:55

Heating zone 5 radio device actuator 1 do no 08.02.2019 16:22	ot responds
Connection send an error message 08.11.2018 20:53	0
Connection is interupted 24.08.2018 09:33	0
Connection with the error code 1 28.12.2017 13:17	6
Connection with the error code e 2 30.10.2017 15:40	4
Connection with the error code 3 28.06.2017 17:57	6

OK

--.-- --:--

ок

ок

Aus

<del>--</del>,--,---- --;--

Reset

Here is an example of a fault message from the heatapp! system. A list of the fault messages can be found in the instruction manual under <u>https://ebv-</u> <u>gmbh.eu/en/downloads/heatapp!-system/</u>

Error messages "Connection ..." are generated in the heatapp! system if there is a discrepancy with the THETA controller.

- The connection between heatapp! base T2B and THETA is interrupted..
- There is an error message in the THETA. The exact
   Message is in menu Regulator > Parameter > Error message
- Assigned energy source (heating circuit) from THETA is assigned to a room station.
- Assigned energy source (heating circuit) from THETA no longer available.
- Customer code lock (control system for heatapp! not available).



The currently measured temperatures of the room sensors of the heatapp! system are displayed in the measured values.







This area reflects the settings of the setup wizard. If necessary, you can make subsequent changes here.

**ATTENTION**: The names of the room units (room sensor, valve 1 - 4) must not be changed, otherwise the function is no longer possible.





This is where the adjustment for the room sensors integrated in the system takes place. The corrected value is then displayed in the room image of the heatapp! app and used to calculate the heat requirement.

	Config	>	Hardware	>	Output	;
	test					
	off					
	off					
	A1:ARSP					
Ĩ	A2:10V					
	RAUM1-VENTIL1					

Make a relay test of the available switching relays here. This can be the outputs A1 / A2 of the heatapp! base / base T2B as well as the available channels of the heatapp! floor.



If you have any questions please contact our heatapp! support. You can reach us at 02736 - 44 305 900 and <u>support@ebv-gmbh.de</u>

# Thank you for your time.



# erlebe heizen neu