QUICK GUIDE

Go to **www.CTSmall.eu** if you want the Quick Guide in your language.

1

- Buy a **SIM card** (normal size) and use your phone to **disable** the use of PIN. Make sure there is money on the SIM card.

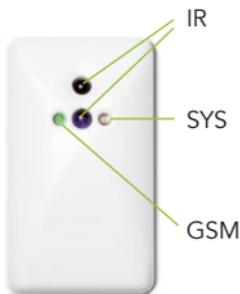- Push the SIM card in the slot on the side of CTSmall until it clicks. SYS LED will start to flash.

2

- Connect the **power adapter** to CTSmall and a wall outlet.

- CTSmall connects to the GSM net after approx. 40 seconds.

- The SYS LED will flash green every 2 seconds. If it flashes red it means that something is wrong.

- For further support go to **Support.CTSmall.eu/help**

3

- The GSM signal must be stable with minimum 2 flash in signal strength. The signal is flashed out on the SYS LED every 10 second. This only happens the first 10 minutes after powering up the unit.

- Send a SMS with **1234, Status** to your CTSmall to test the connection – if you don't recieve a confirmation on SMS, then go back to section 1.

- The **SYS** LED are flashing green fast when sending and receiving a SMS. If there are any problems when sending a SMS the SYS LED flash red.

IR

SYS

GSM

4 **Prepare CTSmall with SMS:**

- ■ Find the brand code for your heat pump on **Support.CTSmall.eu/brand**

- ■ To see which heat pumps your CTSmall supports, send this SMS: **1234,Brand** – wait for SMS response.

- ■ If you have a LG, send this message: **1234,Brand,LG**. You will recieve a SMS reponse with the name of the active heat pump in CTSmall.

- ■ If you want active temperature og power failure alerts, enter at least one phone number in the list as: **1234,PhN1,+4512345678**
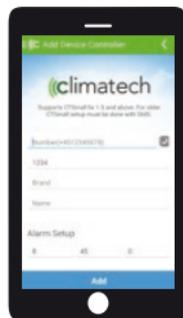
SMS
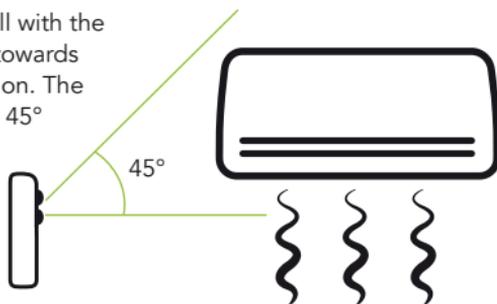
5 **Prepare CTSmall with our app:**

Download our free app from **www.CTSmall.eu/app**

- ■ Select a language
- ■ Enter the phone number for your CTSmall
- ■ Leave code as 1234
- ■ Select your heat pump brand from the list
- ■ Give CTSmall a name
- ■ Enter at least one mobile number to recieve alarm messages
- ■ Press "Add" and wait for confirmation on SMS. **Important:** If you do NOT receive a SMS, please go back to section 1.

6

- ■ Mount CTSmall on the wall with the **IR** LEDs pointing directly towards the heat pump / air condition. The two LEDs has a combined 45° viewing angle.

- ■ Make sure you test that you can turn your heat pump on and off with CTSmall.

45°

Relay box (not included)

If you have purchased the Climatech relay box, connect it to CTSmall with the cable and connect the power supply in the power outlet of the relay.
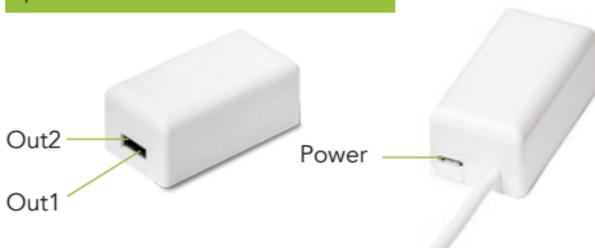
SMS command: **1234,Out1,0** or **1234,Out2,1** (see SMS command list).

Specification for the two relay contacts:

- Maximum 30 VDC or VAC / 3Amp
- The contact is type N.O.

WARNING:
Installation MUST be done by a professional electrician

Out2

Out1

Power

Get the app

Scan the code to download the app. Available for:

- iPhone
- Android
- Windows Phone

www.CTSmall.eu/app

Get support

Scan the code for support or access to the knowledgebase

www.Support.CTSmall.eu

SMS commands

- **1234,Heat,8** (the pump is now on Heat at 8°). Values: 0, 8, 10, 16-24
- **1234,Heat,22** (the pump is now on Heat at 22°)
- **1234,Cool,18** (the pump is now on Cool at 18°)
- **1234,Heat,0** (pump stop)
- **1234,Cool,0** (pump stop)
- **1234,Low,10** (alarm sent with less than 10°). Values: 0-30 (0=OFF)
- **1234,High,17** (alarm sent with more than 17°). Values: 1-45
- **1234,Name,**(give the controller a name)
- **1234,PhN1(1-4),+4511111111** (alarm number 1 – max. 4. Remember country code, such as "+45")
- **1234,Brand,Toshiba** (see our website for complete list of brands or use the function 1234,Brand)
- **1234,Brand** (get a list with all supported brands and correct notation)
- **1234,TCal,-2** (adjust the internal temp. sensor, -5° to +5°)
- **1234,Status** (general status)
- **1234,StatusPhN** (get a list with all entered emergency numbers)
- **1234,IRTest** (help function when mounting your CTSmall)
- **1234,TLog** (return the log – every hour the temperature is saved to a log. There is a backlog of 35 hours)
- **1234,Out1,1** (Out1 is ON)
- **1234,Out1,0** (Out1 is OFF)
- **1234,Out2,t** (Out2 is Toggle (Toggle is to switch the relay with 1,5 second delay))
- **1234,Event,H** (0=OFF / 1=ON / H=HELP)
- **1234,Help** (get a list with all possible commands)

Feature overview

- Petite, suitable everywhere (L70 x B40 x H20)
- Integrated antenna
- Warning for temperatures below +5°
- Warning for temperatures over +45°
- Warning for low self-selected temperature between 1-30°
- Warning for high self-selected temperature between 1-45°
- Power alarm – you will be notified so that you can prevent fridge, freezer etc. from damage
- During a power failure a status report is sent for each 2° temperature drop if the room temperature is below 10°
- Temperature sensor with built-in calibration (-5° – +5°)
- Built-in timer function (Event)
- GSM roaming supported
- 4 alert numbers
- Self-selected unique ID, for example your address
- Long IR range which enables it to be placed far from the heat pump
- GSM module works worldwide at GSM (2G) (850 / 900 / 1800 / 1900 MHz)
- All user setup data stored safely
- Li-Po battery with backup power for about 3 days
- PSU with EU-plug
- Custom-made software on request

Specification for the two relay contacts:
- Maximum 30 VDC or VAC / 3Amp
- The contact is type N.O.