ENGO CONTROLS

BRAND GUIDELINES

2022

Content

1.0 Introduction
2.0 Brochure Design
3.0 Stationery Design
4.0 Social Media Design
5.0 Merchandising
6.0 Pull-up Banners
7.0 Point of Sale
8.0 Boxes for Products
9.0 Manuals
10.0 Spec Sheets
11.0 Logo Design
12.0 Logo Usage
13.0 Colour Scheme
14.0 Typography

1

Introduction

The basis for the creation of this document is to unify the principles of brand style and emphasize the consistent use of visual elements across all communication channels. We are talking here about marketing materials, visualizations, presentations and publications (online and offline). Guidelines related to the logo and ways of using it are also indicated.

2

Brochure Design

Immediate brand image recognition is very important. To achieve this consistent brand image, all designs should be based on the same template.

ENGO
CONTROLS
ENERGY CONTROL IN YOUR HOME
PRODUCT CATALOG 2022
www.engocontrols.com

cover

www.engocontrols.com
Distributor of ENGO Controls brand:
QL CONTROLS Sp. z o.o., Sp. k.
Rolna 4
43-262 Kobielice
Poland
Producer:
ENGO CONTROLS S.C.
Górnośląska 3E
43-200 Pszczyna
Poland
/ EngoControls
Issued: February 2022
ENGO
CONTROLS
ENERGY CONTROL IN YOUR HOME
PRODUCT CATALOG 2022
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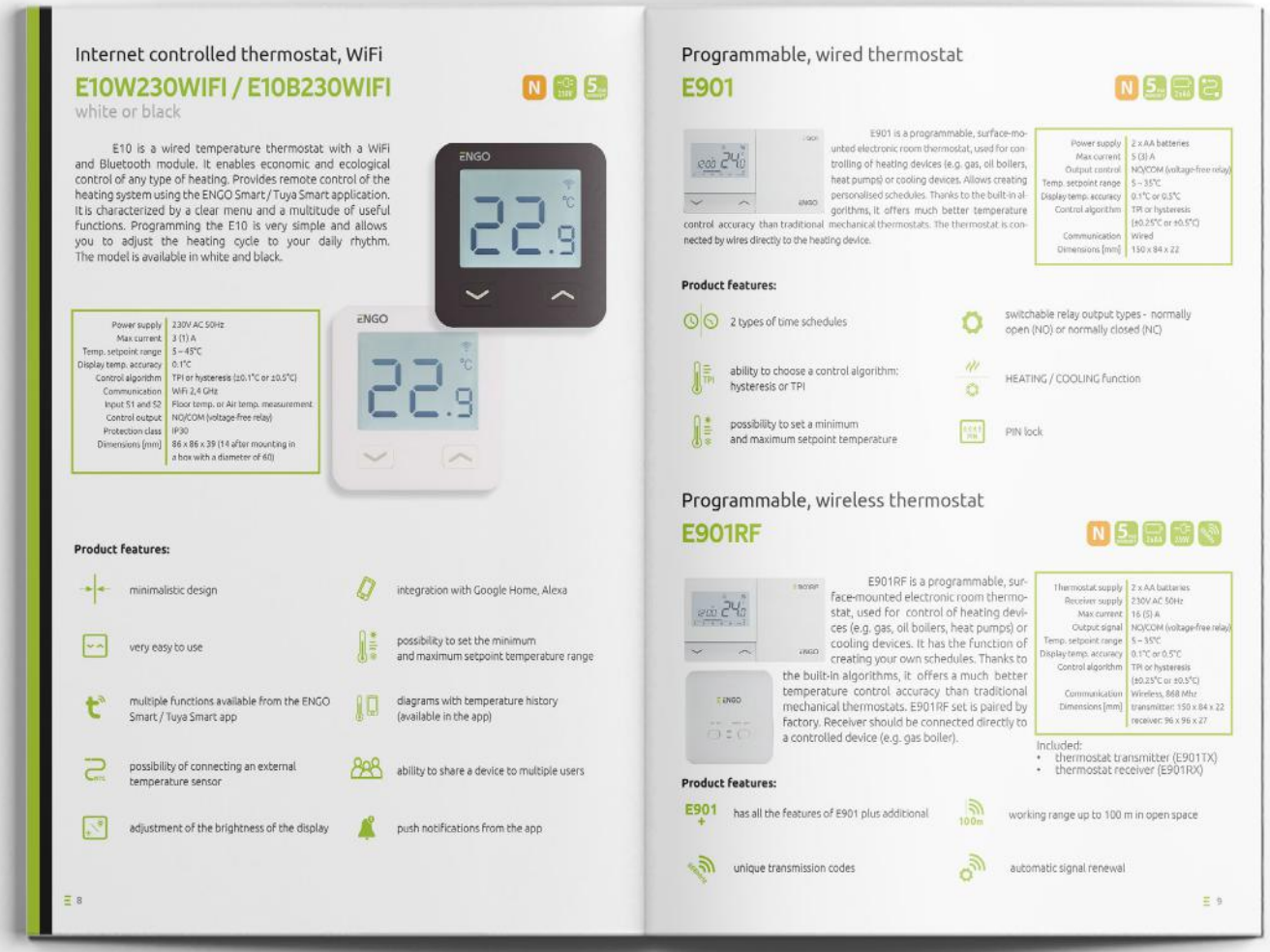
cover

ENGO
CONTROLS
About our company
We are a modern brand in the heating control industry. Our technicians take a close look at the heating market. We know its strengths and weaknesses. We know what customers want. We know what problems they encounter during the winter season. We create devices which solve those problems.
Our values
We want to provide our customers with convenience with minimal impact on nature. We focus on ecological responsibility and proven technologies.
We believe that technology is for people - never the other way around
What makes us different?
Energy efficiency
Heating control saves energy. We use only as much as we need. As a result, the house is always optimally heated and the bills are lower.
New solutions
We use only modern, efficient technology in our devices. We are also open for cooperation with other future automations (Tuya Smart).
Guarantee
When designing products, we pay attention to details. We test, check and control the quality and functionality of our products. This allows us to offer a long warranty period and free advice before and after purchase as standard.
Opportunities
We are moving in an eco-friendly direction. Less energy consumption helps the environment. Our equipment - thanks to its efficiency – gives an opportunity to relieve the burden on nature.

Spread

ENERGY
CONTROL
IN YOUR
HOME
Choose the version for you and control your heating...
...by wire
The thermostat is connected directly to the heating device.
...wireless
Installation does not require any electrical wiring. The thermostat communicates with the receiver by radio signal. The thermostat is installed in the room, the receiver at the heat source place.
6
Our heating control system:
Is fully automatic and long-lasting
Is easy to operate with well thought functioning
Can be expanded by additional elements
Provides regular updates: new features, new models
Contains highly efficient control algorithms
Is open to global technologies (Tuya Smart)
Gives efficient performance in a variety of weather conditions
Complies with EU Directive (CE Certificate)
ENGO Controls - benefits for the installer
We value installers and respect their time. Therefore, we take special care that the cooperation in the field of installation and commissioning of our systems is the best.
Individual approach to each installation
Increased number of orders: the client regularly expands the system
Assigned mentor for a given investment
Skill growth: technical assistance and training for the installation team
Quick, direct contact with the technical department
Marketing support for companies cooperating with ENGO Controls
7

Spread cd.



Internet controlled thermostat, WiFi

E10W230WIFI / E10B230WIFI

white or black

E10 is a wired temperature thermostat with a WiFi and Bluetooth module. It enables economic and ecological control of any type of heating. Provides remote control of the heating system using the ENGO Smart / Tuya Smart application. It is characterized by a clear menu and a multitude of useful functions. Programming the E10 is very simple and allows you to adjust the heating cycle to your daily rhythm. The model is available in white and black.

Power supply	230V AC 50Hz
Max current	3 (1) A
Temp. setpoint range	5 – 45°C
Display temp. accuracy	0.1°C
Control algorithm	TPI or hysteresis (±0.1°C or ±0.5°C)
Communication	WiFi 2,4 GHz
Input S1 and S2	Floor temp. or Air temp. measurement
Control output	NO/COM (voltage-free relay)
Protection class	IP30
Dimensions [mm]	86 x 86 x 39 (14 after mounting in a box with a diameter of 60)

Product features:

- minimalistic design
- very easy to use
- multiple functions available from the ENGO Smart / Tuya Smart app
- possibility of connecting an external temperature sensor
- adjustment of the brightness of the display
- integration with Google Home, Alexa
- possibility to set the minimum and maximum setpoint temperature range
- diagrams with temperature history (available in the app)
- ability to share a device to multiple users
- push notifications from the app

8

Programmable, wired thermostat

E901

E901 is a programmable, surface-mounted electronic room thermostat, used for controlling of heating devices (e.g. gas, oil boilers, heat pumps) or cooling devices. Allows creating personalised schedules. Thanks to the built-in algorithms, it offers much better temperature control accuracy than traditional mechanical thermostats. The thermostat is connected by wires directly to the heating device.

Power supply	2 x AA batteries
Max current	5 (3) A
Output control	NO/COM (voltage-free relay)
Temp. setpoint range	5 – 35°C
Display temp. accuracy	0.1°C or 0.5°C
Control algorithm	TPI or hysteresis (±0.25°C or ±0.5°C)
Communication	Wired
Dimensions [mm]	150 x 84 x 22

Product features:

- 2 types of time schedules
- ability to choose a control algorithm: hysteresis or TPI
- possibility to set a minimum and maximum setpoint temperature
- switchable relay output types - normally open (NO) or normally closed (NC)
- HEATING / COOLING function
- PIN lock

Programmable, wireless thermostat

E901RF

E901RF is a programmable, surface-mounted electronic room thermostat, used for control of heating devices (e.g. gas, oil boilers, heat pumps) or cooling devices. It has the function of creating your own schedules. Thanks to the built-in algorithms, it offers a much better temperature control accuracy than traditional mechanical thermostats. E901RF set is paired by factory. Receiver should be connected directly to a controlled device (e.g. gas boiler).

Thermostat supply	2 x AA batteries
Receiver supply	230V AC 50Hz
Max current	16 (5) A
Output signal	NO/COM (voltage-free relay)
Temp. setpoint range	5 – 35°C
Display temp. accuracy	0.1°C or 0.5°C
Control algorithm	TPI or hysteresis (±0.25°C or ±0.5°C)
Communication	Wireless, 868 Mhz
Dimensions [mm]	transmitter: 150 x 84 x 22 receiver: 96 x 96 x 27

Included:
- thermostat transmitter (E901TX)
- thermostat receiver (E901RX)

Product features:

- has all the features of E901 plus additional
- unique transmission codes
- working range up to 100 m in open space
- automatic signal renewal

9

Spread cd.

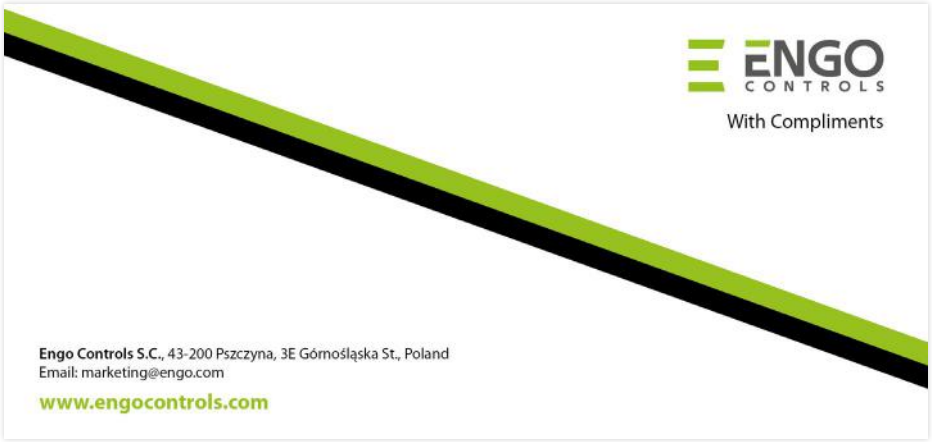
Non-programmable, wired thermostat
EASY230W / EASY230B
white or black 230V AC powered
EASYBATW / EASYBATB
white or black, battery-powered
AVALIBLE SOON
Wired temperature thermostat, battery powered (2xAAA) or 230V AC powered. It is used for wired control of heating or cooling devices and systems. It works by maintaining comfortable conditions in the room, in line with the constant temperature set by the user. It is connected directly to a heat source or wiring centre. For a better fit, the model is available in two colors. Safe, reliable, easy to use.
ENGO
Power supply 230V or 2xAAA batteries
Max current 3 (1) A
Temp. setpoint range 5 - 35°C
Display temp. accuracy 0.1°C
Control algorithm TPI or hysteresis (±0.2°C or ±2°C)
Communication Wired
Output control NO/COM (voltage-free)
IP protection class IP30
Dimensions [mm] 80 x 80 x 22
Product features:
minimalistic design
voltage free contact
very easy to use
LED display
„lock the keys" feature
possibility to set the minimum and maximum setpoint temperature range
wired communication
hanger for wall mounting included
switchable relay output types - normally open (NO) or normally closed (NC)
12
Choose the version for you and control your heating...
AAA
Wired thermostat 230V
EASY230W (White) or EASY230B (Black)
Battery-powered wired thermostat
EASYBATW (White) or EASYBATB (Black)
...power supply 230V
The thermostat is powered by 230V power supply.
The thermostat is connected by wires to the heating device.
...battery power supply
The thermostat is powered by 2xAAA batteries. The thermostat is connected by wires directly to the heating device.
NOTES

Spread cd.

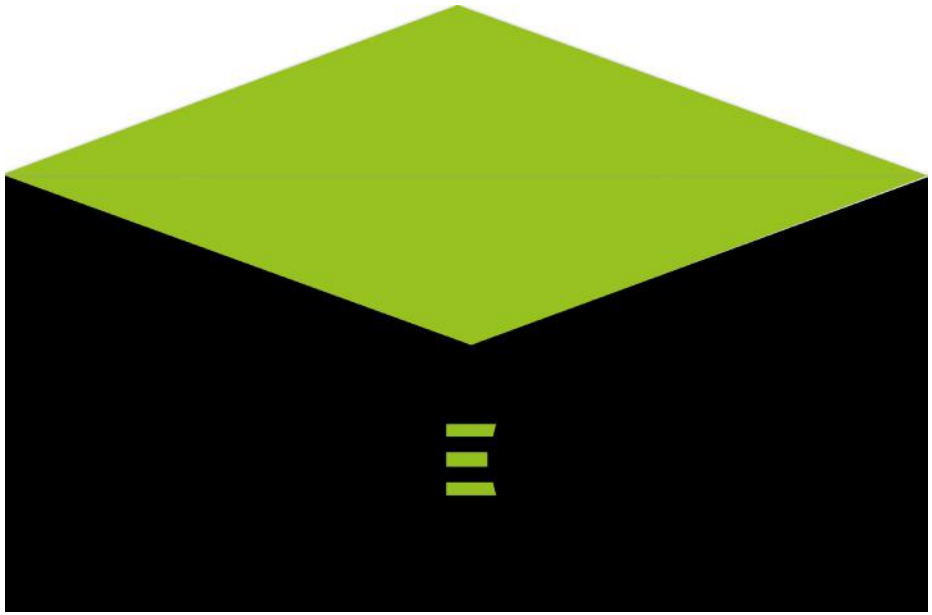
3

Stationery Design

The image that ENGO Controls presents in the industry must be professional and reliable. Letterhead and business cards should express this look.



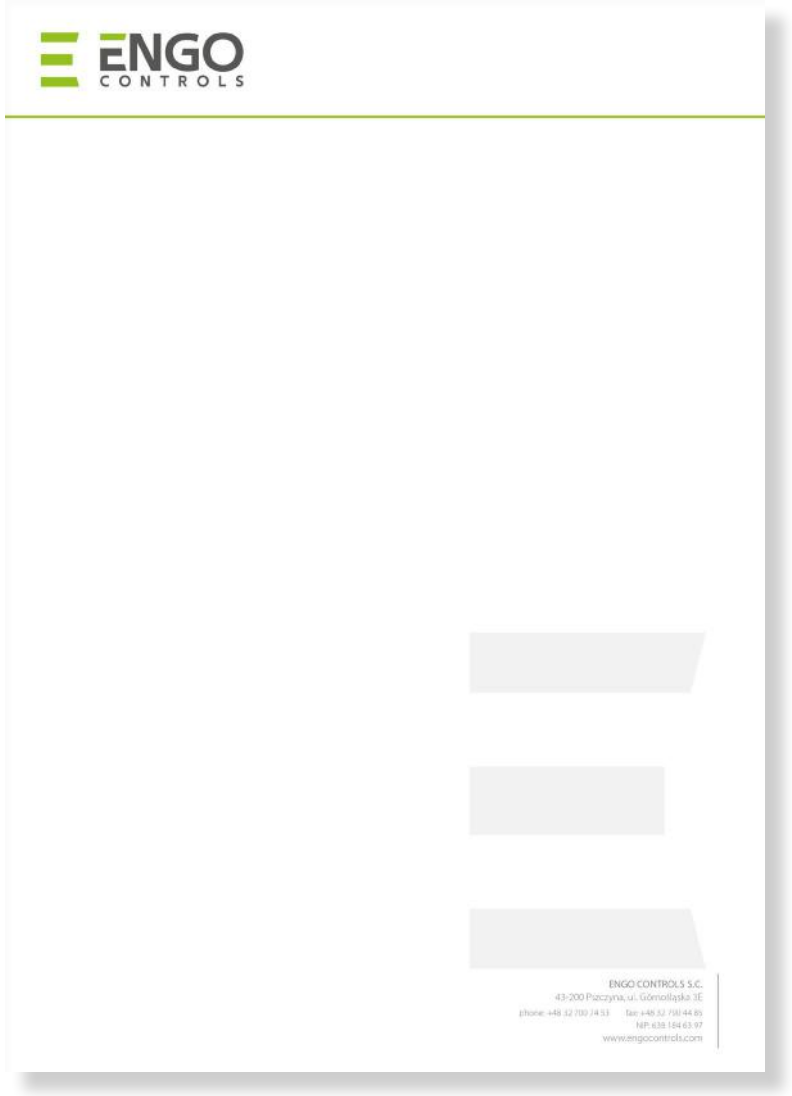
Compslip Front



Compslip Front v2

Compslip Back

Compslip Back v2



Letterhead Front

Rubber stamp

4

Social Media Design

Consistency of ENGO brand image on social media channels, which are one of the leading channels of promotion, is very important.

Letterhead Front

Letterhead Front

5

Merchandising

When producing merchandise, the brand style should be maintained as much as possible. The same applies to items that are only branded with a logo.

Notepad

Pencil & Pen

Pencil

Cards

Umbrella

Band

Stress ball

Lunch box

Certificate

Lanyard

Car

6

Pull-up Banners

Banners should maintain the brand style - with the company logo at the top of the page and website address at the bottom.

Rollup for Export

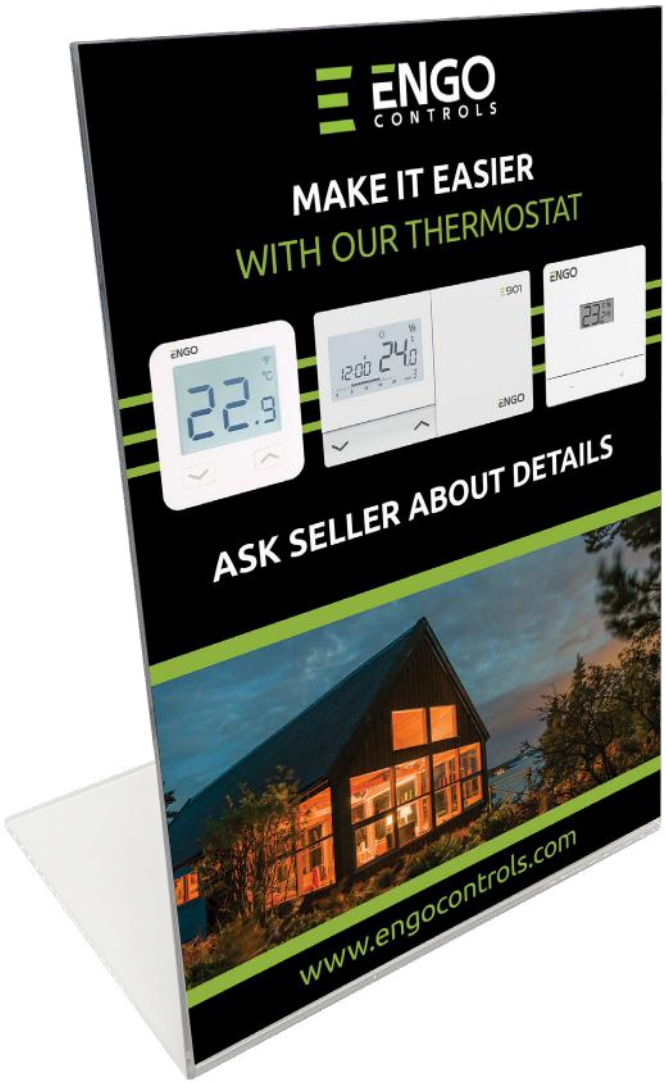
Rollup for Export

Rollup for Poland

7

Point of Sale

Point of sale advertising displays should include the ENGO Controls logo at the top, and website address at the bottom.



STAND EXAMPLE

8

Boxes for Products

Graphic designs for product boxes should maintain brand style consistency, and include key elements for this type of design.

Boxes for Products

E10 is a wired temperature thermostat with a WiFi and Bluetooth module. It enables economic and ecological control of any type of heating. Provides remote control of the heating system using the ENGO Controls / Tuya Smart application. It is characterized by a clear menu and a multitude of useful functions. Programming the E10 is very simple and allows you to adjust the heating cycle to the user's daily rhythm. The model is available in white and black.

Product Compliance

This product complies with the following EU Directives: 2014/53/EU, 2011/65/EU

Technical Informations

Power supply	230V AC 50 Hz
Max current	3(1)A
Temperature range	5,0°C to 45,0°C
Display temperature accuracy	0,1°C
Control algorithm	TPI or Hysteresis (±0,1°C - ±0,5°C)
Communication	WiFi 2,4 GHz
S1 - S2 input	Floor temperature

9

Manuals

Technical manuals should be prepared on the basis of a consistent template.

E10 is a wired temperature thermostat with a WiFi and Bluetooth module. It enables economic and ecological control of any type of heating. Provides remote control of the heating system using the ENGO Controls / Tuya Smart application. It is characterized by a clear menu and a multitude of useful functions. Programming the E10 is very simple and allows you to adjust the heating cycle to the user's daily rhythm. The model is available in white and black.

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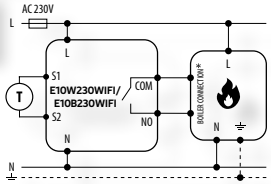
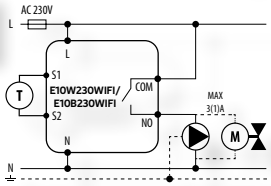
Control algorithm	TPI or Hysteresis (±0,1°C - ±0,5°C)
Communication	WiFi 2,4 GHz
S1 - S2 input	Floor temperature or air temperature sensor
Output control	COM / NO (voltage-free)
IP protection class	IP30
Dimension [mm]	86 x 86 x 39 mm (14 mm after in box mounting Φ 60)

Connection description

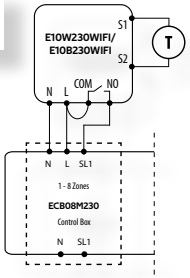
a) Connection diagram for gas boiler



b) Connection diagram to pump / actuator



c) Connection diagram to the control box



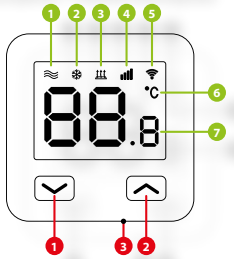
Legend:

- **Boiler - Boiler connection*** - Boiler's contacts for ON/OFF thermostat (according to the boiler's instructions)
- Pump
- Valve
- Temperature sensor

Symbols explanation:

- **L, N** - power supply
- **COM, NO** - voltage-free output
- **S1, S2** - output for temperature sensor
- **SL1** - 230V control input in the control box
- - fuse

LCD icon description + Button description



1. Heating icon
2. Frost protection mode
3. Excessive floor temperature
4. Internet
5. Connection with Wi-Fi
6. Current room temperature
7. Current / setpoint room temperature

1. "DOWN" button
2. "UP" button
3. "RESTART" button

Installation of the Wi-Fi thermostat in the app

Make sure your router is within range of your smartphone. Make sure you are connected to the Internet. This will reduce the pairing time of the device.

STEP 1 - DOWNLOAD **ENGO SMART** APP

Download the ENGO Smart app from Google Play or Apple App Store and install it on your smartphone.

DOWNLOAD FROM: Google Play

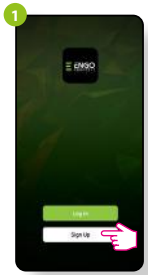
DOWNLOAD FROM: App Store

Quick Guide

STEP 2 - REGISTER THE NEW ACCOUNT

To register a new account, please follow the steps below:

1



Click „Register" to create new account.

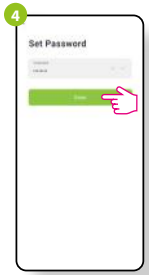
2

Enter your e-mail address to which the verification code will be sent.

3

Enter the verification code received in the email.
Remember that you only have 60 seconds to enter the code!

4

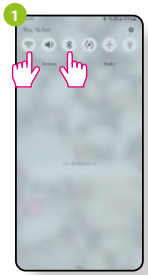


Then set the login password.

STEP 3 - CONNECT THE THERMOSTAT TO WI-FI

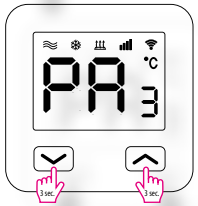
After installing the app and creating an account:

1



Turn on Wi-Fi and Bluetooth on your smartphone. It's best to connect mobile to the Wi-Fi network to which you want to assign the thermostat.

2



Make sure the thermostat is powered on. Then press and hold the buttons on the thermostat for approx. 3 seconds until the display shows „PA". Then release the keys. The pairing mode will be started up.

3

In the app, select: „Add Device".

4

Then choose: „Auto Scan".

5

After finding the thermostat, go„Next".

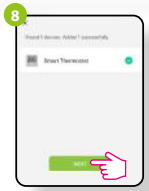
6

Select the Wi-Fi network in which the thermostat will operate and enter the password of this network.

7

Wait for the app to configure the thermostat with the selected Wi-Fi network.

8



Go„NEXT".

9

Name the device and click „Done".

10

The thermostat has been installed and displays the main interface.

How to fix the problem?

DESCRIPTION	TROUBLESHOOTING
The internet connection icon is not displayed on the thermostat.	The thermostat is not connected to the Internet. Check the connection between thermostat and Internet. In this case, it is possible to control the thermostat locally using a mobile device. The mobile device and the thermostat must be on the same Wi-Fi network.
The Wi-Fi connection icon is flashing on the thermostat.	1. The Wi-Fi network in which the thermostat was installed is turned off. Check the router and Wi-Fi connection. In this case, it is possible to control the thermostat locally via Bluetooth. The mobile device must have access to the Internet (via Wi-Fi or mobile data) and be near the thermostat. 2. The thermostat is in pairing mode. Reinstall the thermostat.
Thermostat displays error E2.	Check or connect the external temperature sensor.
The thermostat has the display off.	Check if you connected the wires correctly or if the thermostat is not turned off in the app.

Restore default settings

To restore the default settings of the thermostat, hold down the ﹀ + ﹀ buttons for approx. 8 seconds. „FA" monit will be displayed. After all, the thermostat will go through a default reset sequence and display the main screen.

Quick Guide

10

Spec Sheets

Clarity, a complete set of information, and maintaining the brand style are the most important components of a specification sheet needed by an installer or salesman.

ENGO CONTROLS
E10B230WIFI
Internetowy regulator temperatury, Wi-Fi
Dane techniczne:
Nowoczesny regulator temperatury, który umożliwia ekonomiczne i ekologiczne sterowanie każdym rodzajem ogrzewania. Charakteryzuje się przejrzystym menu oraz mnogością przydatnych funkcji. Zapewnia zdalną kontrolę systemu grzewczego przy użyciu aplikacji ENGO Smart/Tuya Smart. Programowanie E10 jest bardzo proste i pozwala dostosować cykl pracy ogrzewania do rytmu dnia użytkowników. Dla lepszego dopasowania, model jest dostępny w dwóch kolorach.
Zasilanie 230V AC 50Hz
Max. obciążenie 3 (1) A
Zakres regulacji temp. 5 – 45°C
Precyzja pomiaru 0.1°C
Algorytm sterujący TPI lub Histereza (±0.1°C do ±0.5°C)
Komunikacja WiFi 2,4 GHz
Wejście S1 – S2 Czujnik temp. podłogi lub pomiar temp. powietrza
Wyjście sterujące NO/COM (beznapięciowe)
Stopień ochrony IP30
Wymiary [mm] 86 x 86 x 39 (14 po montażu w puszce śred. 60)
Schemat podłączenia:
86 mm
86 mm
39 mm
www.engocontrols.com

Spec Sheet

11

Logo Design

ENGO Controls logo is an important and valuable graphic element. Its use must be consistent and proper. Differences and exceptions in the use of a company logo cannot be allowed - it may result in a violation of brand image.

C	50	R	149
M	0	G	193
Y	100	B	31
K	0		

PRIMARY LOGO

It is necessary to use the logo template for each graphic design. It should never be recreated. When any of the logo elements are processed, only high resolution graphic files, or vector files should be used. The logo cannot be downloaded from this document.

ACCEPTABLE VARIANTS

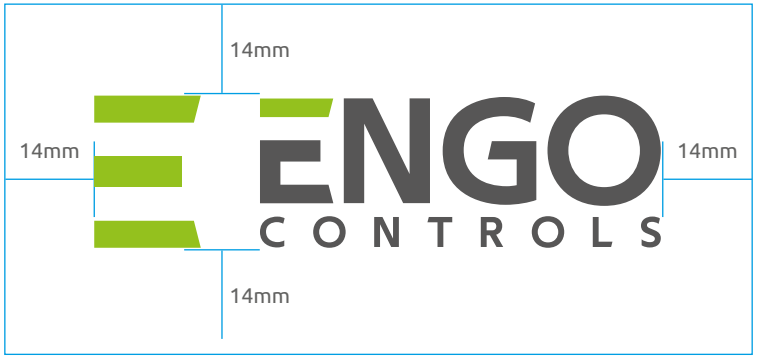
Color out of - CMYK opt.1

White out of - CMYK opt.1

ACCEPTABLE VARIANTS

ACCEPTABLE VARIANTS **PANTONE**

UNACCEPTABLE VARIANTS



Exclusion zone

Be sure that text or other design elements do not overlap the logo. The area highlighted in red should always have free space.

Minimum reproduction size

To maintain legibility, the logo has the estabilished smallest size in which it can be used. It can then be used without the word CONTROLS (print on products).

13

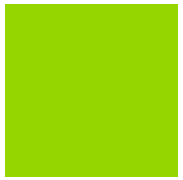
Color Scheme

Accurate representation of the brand's color scheme is essential. This is necessary due to maintaining a clear and consistent brand image.

Pantone colors should be used wherever possible. CMYK/RGB colors should be used depending on the materials and printing method, with exact matching.

Black and white may be used as accent colors in addition to the established scheme colors.

Pantone 375C

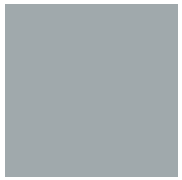


#97d700

C 30
M 0
Y 100
K 16

R 151
G 215
B 0

Pantone 429C



#a1a9ac

C 6
M 2
Y 0
K 32

R 162
G 170
B 173

Pantone 376CP
color bridge coated

#8abd24

C 54
M 0
Y 100
K 0

R 138
G 189
B 36

#95c11f

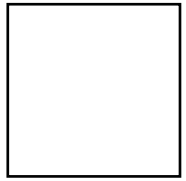
C 50
M 0
Y 100
K 0

R 149
G 193
B 31

#575756

C 0
M 0
Y 0
K 80

R 87
G 87
B 87



#ffffff

C 0
M 0
Y 0
K 0

R 255
G 255
B 255

#000000

C 0
M 0
Y 0
K 100

R 0
G 0
B 0

RAL 6018 (Pantone 363)

#4FA833

C 71
M 5
Y 100
K 0

R 79
G 168
B 51

Complementary colors for highlighting

#ee7203

C 0
M 65
Y 100
K 0

R 238
G 114
B 3

14

Typography

The corporate font is UBUNTU - it can be used in different variations. The font has been carefully selected to best represent the brand image and maintain consistency. Corporate fonts should not be replaced with alternatives.

TECHNA SANS font was used to design the logo, it can be used in titles and other main elements.

Font: UBUNTU

Example paragraph

EXAMPLE NAME

Example Lead

Make sure that text or other design elements do not encroach upon the logo. The marked space should always be given to let the logo ‘breathe’, free from distraction.Faccust, od ut eum audiam rest odit ullenih itatibus dessit dusandiParchillaut laut autem fugit a quunt rem alitati onsedit, con exerspis nonsequi ut lab iusa nus magnis sit hicipiendae et errum volupta sequia des aut ped quame veriae inctate aut odist, consera eum

Font readability

Engo Controls - 6pt

Engo Controls - 8pt

Engo Controls - 12pt

Engo Controls - 18pt

Engo Controls - 36pt

Font family

Light	abcdefghijklmnopqrstuvwxyz ABCDEFGHIGKLMNOPQRSTUVWXYZ 1234567890 !@£$%^&*()
Regular	abcdefghijklmnopqrstuvwxyz ABCDEFGHIGKLMNOPQRSTUVWXYZ 1234567890 !@£$%^&*()
Italic	*abcdefghijklmnopqrstuvwxyz* *ABCDEFGHIGKLMNOPQRSTUVWXYZ* *1234567890 !@£$%^&*()*
Bold	**abcdefghijklmnopqrstuvwxyz** **ABCDEFGHIGKLMNOPQRSTUVWXYZ** **1234567890 !@£$%^&*()**

Font: TECHNA SANS

Example paragraph

EXAMPLE NAME

Example Lead

Make sure that text or other design elements do not encroach upon the logo. The marked space should always be given to let the logo ‘breathe’, free from distraction.Faccust, od ut eum audiam rest odit ullenih itatibus dessit dusandiParchillaut laut autem fugit a quunt rem alitati onsedit, con exerspis nonsequi ut lab iusa nus magnis sit hicipiendae et errum volupta sequia des aut ped quame veriae inctate aut odist, consera eum

Font readability

Engo Controls - 6pt

Engo Controls - 8pt

Engo Controls - 12pt

Engo Controls - 18pt

Engo Controls - 36pt

ENGO CONTROLS - 6PT

ENGO CONTROLS - 8pt

ENGO CONTROLS - 12pt

ENGO CONTROLS - 18pt

ENGO CONTROLS - 36pt

Font family

Regular abcdefghijklmnopqrstuvwxyz
ABCDEFGHIGKLMNOPQRSTUVWXYZ
1234567890 !@£$%^&*()

FONT: GOOD TIMES

EXAMPLE PARAGRAPH

EXAMPLE NAME

Example Lead

MAKE SURE THAT TEXT OR OTHER DESIGN ELEMENTS DO NOT ENCROACH UPON THE LOGO. THE MARKED SPACE SHOULD ALWAYS BE GIVEN TO LET THE LOGO 'BREATHE', FREE FROM DISTRACTION.FACCUST, OD UT EUM AUDIAM REST ODIT ULLENIH ITATIBUS DESSIT DUSANDIPARCHILLAUT LAUT AUTEM FUGIT A QUUNT REM ALITATI ONSEDIT, CON EXERSPIS

FONT READABILITY

ENGO CONTROLS - 6PT

ENGO CONTROLS - 8PT

ENGO CONTROLS - 12PT

ENGO CONTROLS - 18PT

ENGO CONTROLS - 36PT

FONT FAMILY

LIGHT	ABCDEFGHIJKLMNOPQRSTUVWXYZ ABCDEFGHIGKLMNOPQRSTUVWXYZ 1234567890 !@£$%^&*()
REGULAR	**ABCDEFGHIJKLMNOPQRSTUVWXYZ** **ABCDEFGHIGKLMNOPQRSTUVWXYZ** **1234567890 !@£$%^&*()**
BOLD	**ABCDEFGHIJKLMNOPQRSTUVWXYZ** **ABCDEFGHIGKLMNOPQRSTUVWXYZ** **1234567890 !@£$%^&*()**