heatpol

Keeps you warm

CONTENTS

1. ABOUT US …

Our Company has been in existence since 1989. We are a manufacturer of the highest quality heating elements and low-temperature flexible heaters. Heatpol are one of the largest manufacturers of heating elements for industrial and household appliances in Poland. Our products are available in most of Europe.

For more than ten years we have specialised in manufacturing thermostatically controlled heating elements for towel rails and column radiators. In the last three years we broadened our portfolio with the Home Plus system. Following the idea of the smart home, we design and manufacture new Wi-FI heaters for towel and column radiators which can be controlled by a smartphone.

We invite co-operation, ensuring customer's demands are fulfilled and solving problems concerning the change of electric energy into heat with a guarantee of satisfaction.

2. CONTACT DETAILS

heatpol

Mników 322, 32-084 Morawica, Poland

Tel/fax: +48 12 656 44 91

www.heatpol.com.pl

3. COMPANY OFFER

Vertical heaters:

Heaters designed for towel rails and designer radiators. The heaters are user-friendly and functional accessories for bathroom radiators. They can work separately or co-operate with an existing system, in various types of radiators.

Horizontal heaters:

Heaters designed for column and aluminium radiators. The heaters are user-friendly and functional for column and alumunium radiators. The heating element can be incorporated into the existing central heating radiator or operated independently.

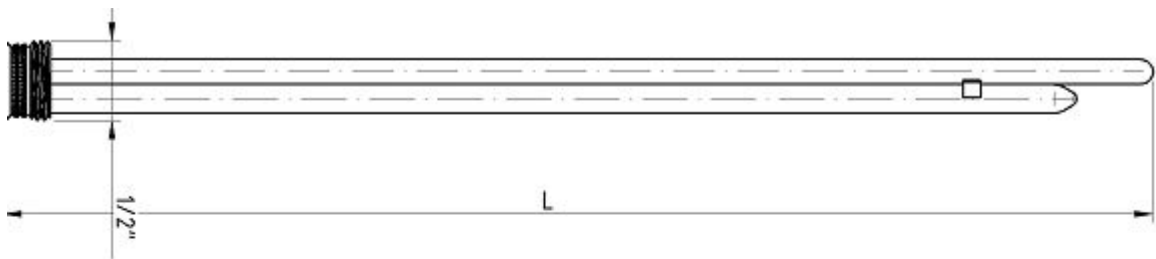Either vertical or column heaters can easily cope with heating rooms all year round.

www.heatpol.com.pl

4. HEATERS GENERAL CHARACTERISTICS:

Vertical – dedicated for bathrooms

The principle of operation is based on a capillary temperature regulator. The long capillary tube controls the real liquid temperature inside a radiator. The heaters can be equipped with a mechanical control system or electronic regulator. Both systems allow for smooth temperature adjustment within the range of 0–65°C.

Heating element - Tubular heating element, made in a copper tube, 6.5 mm in diameter, capillary temperature sensor - copper tube with a diameter of 7.5 mm, soldered to a brass head, with a ½" thread:

Series:

Power / voltage	Length L + 10	Radiator heat output
150 W / 230 V	300 mm	below 300 W
300 W / 230 V	340 mm	300 W - 600 W
600 W / 230 V	390 mm	600 W – 900 W
900 W / 230 V	440 mm	900 W – 1200 W
1200 W / 230 V	470 mm	1200 W – 1500 W
1500 W / 230 V	520 mm	above 1500 W

(When purchasing a heating element, remember to select it according to the radiator's power.)

www.heatpol.com.pl

General characteristics of heating elements:

- Working environment: water, water/glicol
- Operating temperature: adjustable within 0–65 °C, Turbo mode: 65°C
- Supply voltage: 230 V
- Electrical connection: "UNISCHUKO" plug cable or straight cable for hardwire connection
- Fastening method: R ½" orifice
- IP - 54

Material characteristics:

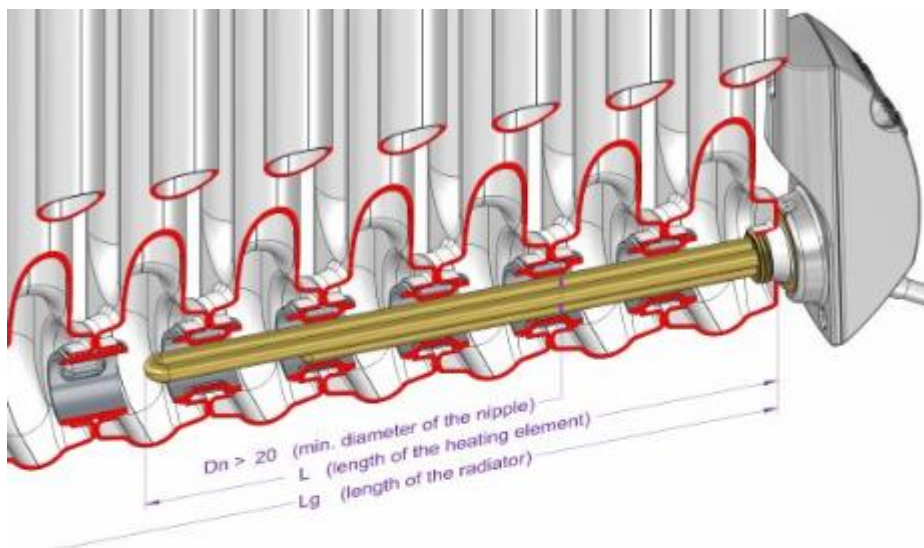- Protective tube: made of copper
- Orifice: made of brass

Heating element and orifice

- Insulation: MgO (magnesium oxide)
- Coil: Kanthal wire
- Temperature regulator – capillary tube thermostat

www.heatpol.com.pl

Horizontal – dedicated for rooms and living areas

The principle of operation is based on a capillary temperature regulator. The long capillary tube controls the real liquid temperature inside a radiator. The heaters can be equipped with a mechanical control system or electronic regulator. Both systems allow for smooth temperature adjustment within the range of 0–65°C.

Dn > 20 (min. diameter of the nipple)
L (length of the heating element)
Lg (length of the radiator)

water content [l]		radiator output [W]		recommended heater		Flange
min	max	min	max	[W]	L [mm]	
1,5	3		350	300	340	R 1/2"
3	4,5	350	550	600	390	R 1/2"
4,3	7,5	500	850	900	440	R 1/2"
5,2	8,3	700	1050	1200	470	R 1/2"
6,2	10	850	1300	1500	520	R 3/4"
8,5	18	1050	1800	2000	570	R 3/4"

The heating element is screwed into threaded connectors having the diameter of ½" (300, 600, 900 and 1200 W models) or ¾" (1500 and 2000 W models).

www.heatpol.com.pl

General characteristics of heating elements:

- Working environment: water, water/glicol
- Operating temperature: adjustable within 0–65 °C.
- Supply voltage: 230 V
- Electrical connection: "UNISCHUKO" plug cable.
- Fastening method: R ½" or R ¾"" orifice

Material characteristics:

- Protective tube: copper
- Orifice: brass

Heating element and orifice

- Insulation: MgO (magnesium oxide)
- Coil: Kanthal wire
- Temperature regulator – capillary tube thermostat

5. CHOOSE THE HEATER

Vertical – dedicated for bathrooms

MODEL OF THE HEATER	3G	GTN	GE	H+E	H+	H+ WiFi
Features						
Water temperature control 10-65 C	v	v	v	v	v	v
Anti – freeze function	v	v	v	v	v	v
Turbo function			v	v	v	v
Timer 1-9 hour				v		
Detachable heating element				v	v	v
Ambient temperature sensor / remote controller					v	v
Programming daily/weekly					v	v
WIFI + App control						v
Compatibillity with Home+ system					v	v
H+P Programmer					v	v

www.heatpol.com.pl

Horizontal – dedicated for rooms and living areas

MODEL OF THE HEATER	HGT	HE	H+h E	H+h	H+h WiFi
Features					
Water temperature control 10-65 C	v	v	v	v	v
Anti – freeze function	v	v	v	v	v
Turbo function		v	v	v	v
Timer 1-9 hour			v		
Detachable heating element			v	v	v
Ambient temperature sensor / remote controller				v	v
Programming daily/weekly				v	v
WIFI + App control					v
Compatibillity with Home+ system				v	v
H+P Programmer				v	v

www.heatpol.com.pl

6. MODELS OF THE HEATERS:

6.1 Vertical – dedicated for bathrooms

3G MODEL

FEATURES :

- SMOOTH TEMPERATURE ADJUSTMENT (**10°C - 65°C**)
- DRYING TOWELS
- USER FRIENDLY
- HEATING OUTSIDE THE HEATING SEASON
- **ANTI – FREEZE** FUNCTION
- ENERGY EFFICIENCY

www.heatpol.com.pl

GTN MODEL

FEATURES :

- SMOOTH TEMPERATURE ADJUSTMENT (**10°C - 65°C)**
- DRYING TOWELS
- USER FRIENDLY
- HEATING OUTSIDE THE HEATING SEASON
- **ANTI – FREEZE** FUNCTION
- ENERGY EFFICIENCY

GE MODEL

FEATURES :

- SMOOTH TEMPERATURE ADJUSTMENT (**10°C - 65°C)**
- DRYING TOWELS
- USER FRIENDLY
- HEATING OUTSIDE THE HEATING SEASON
- **TURBO FUNCTION** – Full heating for a set period 1,2 or 3 hours.
- **ANTI – FREEZE** FUNCTION
- ENERGY EFFICIENCY

www.heatpol.com.pl

H+ E MODEL

FEATURES :

- SMOOTH TEMPERATURE ADJUSTMENT (**10°C - 65°C)**
- DRYING TOWELS
- USER FRIENDLY
- HEATING OUTSIDE THE HEATING SEASON
- **TURBO FUNCTION** – Full heating for a set period 1,2 or 3 hours.
- **TIMER 1-9 HOUR** – maintains previously selected temperature for a period of 1 to 9 hours

- **ANTI – FREEZE** FUNCTION
- ENERGY EFFICIENCY
- **DETACHABLE HEATING ELEMENT**
- CABLE COVER
- **DESIGN** – LED display, casing covers matching heater to the shape of the radiator. O, D-shaped, Square or rectangle.

www.heatpol.com.pl

H+ MODEL

The H+ heater - can work separately (paired with **H+R remote controller**) or can be connected to **Home+ system** (works with H+P programmer).

FEATURES :

- SMOOTH TEMPERATURE ADJUSTMENT (**10°C - 65°C)**
- **AMBIENT TEMPERATURE** CONTROL
- **PROGRAMMING DAILY WEEKLY**
- DRYING TOWELS
- **TURBO FUNCTION** – Full heating for a set period 1,2 or 3 hours.
- **ANTI – FREEZE** FUNCTION
- ENERGY EFFICIENCY

- **REMOTE CONTROLLER**
- **DETACHABLE HEATING ELEMENT**
- CABLE COVER
- **DESIGN** – LED display, casing covers matching heater to the shape of the radiator. O,D – shaped,Square or rectangle
- COMPATIBILITY WITH **HOME + SYSTEM**

H+ WIFI MODEL – control the heater with the smartphone

FEATURES :

- WIFI + APP CONTROL
- SMOOTH TEMPERATURE ADJUSTMENT (**10°C - 65°C)**
- **AMBIENT TEMPERATURE** CONTROL
- **PROGRAMMING DAILY WEEKLY**
- DRYING TOWELS
- **TURBO FUNCTION** – Full heating for a set period 1,2 or 3 hours.
- **ANTI – FREEZE** FUNCTION

- ENERGY EFFICIENCY
- **REMOTE CONTROLLER**
- **DETACHABLE HEATING ELEMENT**
- CABLE COVER
- DESIGN – LED display, casing covers matching heater to the shape of the radiator. O,D – shaped,Square or rectangle
- COMPATIBILITY WITH **HOME + SYSTEM**

6.2 Horizontal – dedicated for rooms and living areas

HGT MODEL

- SMOOTH TEMPERATURE ADJUSTMENT (**10°C - 65°C)**
- USER FRIENDLY
- HEATING OUTSIDE THE HEATING SEASON
- **ANTI – FREEZE** FUNCTION
- ENERGY EFFICIENCY

www.heatpol.com.pl

HE MODEL

- SMOOTH TEMPERATURE ADJUSTMENT (**10°C - 65°C)**
- USER FRIENDLY
- HEATING OUTSIDE THE HEATING SEASON
- **TURBO FUNCTION** – Full heating for a set period 1,2 or 3 hours.
- **ANTI – FREEZE** FUNCTION
- ENERGY EFFICIENCY

www.heatpol.com.pl

H+H E MODEL

FEATURES :

- SMOOTH TEMPERATURE ADJUSTMENT (**10°C - 65°C)**
- USER FRIENDLY
- HEATING OUTSIDE THE HEATING SEASON
- **TURBO FUNCTION** – Full heating for a set period 1,2 or 3 hours.

- **TIMER 1-9 HOUR** – maintains previously selected temperature for a period of 1 to 9 hours
- **ANTI – FREEZE** FUNCTION
- ENERGY EFFICIENCY
- **DETACHABLE HEATING ELEMENT**
- CABLE COVER
- **DESIGN** – LED display

H+H MODEL

The H+ heater - can work separately (paired with **H+R remote controller**) or can be connected to **Home+ system** (works with H+P programmer).

FEATURES :

- SMOOTH TEMPERATURE ADJUSTMENT (**10°C - 65°C)**
- **AMBIENT TEMPERATURE** CONTROL
- **PROGRAMMING DAILY WEEKLY**
- DRYING TOWELS
- **TURBO FUNCTION** – Full heating for a set period 1,2 or 3 hours.

- **ANTI – FREEZE** FUNCTION
- ENERGY EFFICIENCY
- **REMOTE CONTROLLER**
- **DETACHABLE HEATING ELEMENT**
- CABLE COVER
- DESIGN – LED display
- COMPATIBILITY WITH **HOME + SYSTEM**

H+H WIFI MODEL - control the heater with the smartphone

FEATURES:

- **WIFI + APP CONTROL**
- SMOOTH TEMPERATURE ADJUSTMENT (**10°C - 65°C)**
- **AMBIENT TEMPERATURE** CONTROL
- **PROGRAMMING DAILY WEEKLY**
- **TURBO FUNCTION** – Full heating for a set period 1,2 or 3 hours.

- **ANTI – FREEZE** FUNCTION
- ENERGY EFFICIENCY
- **REMOTE CONTROLLER**
- DETACHABLE HEATING ELEMENT
- CABLE COVER
- **DESIGN** – LED display
- COMPATIBILITY WITH **HOME + SYSTEM**

www.heatpol.com.pl

6.3 OPTIONS

Available casing colours:

white, chrome, satin, steel, gold, anthracite, quartz, matt black, textured grey, textured dark grey

Available cover shapes: (H+, H+E, H+ WIFI model only)

O shape, D shape, Square, Rectangle and Universal

MATCH THE COVER TO THE SHAPE OF THE HEATER :

Cable: spiral with the plug or straight ready for hard wiring

Available outputs: 300, 600, 900, 1200 and 1500 W. (2000 W horizontal heaters)

Packaging: Blister or cardboard carton

www.heatpol.com.pl

7. H+P programmer

Manage the heating system in your house using H+Programmer. You can choose this option instead of WiFI option.

H+P programmer is designed to operate with Home+ system electric heaters:

- H+ heater for bathroom radiators
- H+h heater for column, aluminium and cast iron radiators

H+P programmer features:

- controls up to 8 heating zones
- advanced ambient/water temperature control
- programming daily and weekly – every day in a different way, as you require
- turbo-boost mode (easy heating and drying) – full heating in all zones for 1, 2 or 3 hours
- ECO mode (energy saving) – you can lower temperature in whole house by 3 degree

- Home+ System allows to manage electric heating system, composed of max.8 heating zones (Z1, Z2 etc.) and max.24 radiators installed in rooms. The system permits to group them and programm ambient temperatures in different modes, which you can adjust individually.
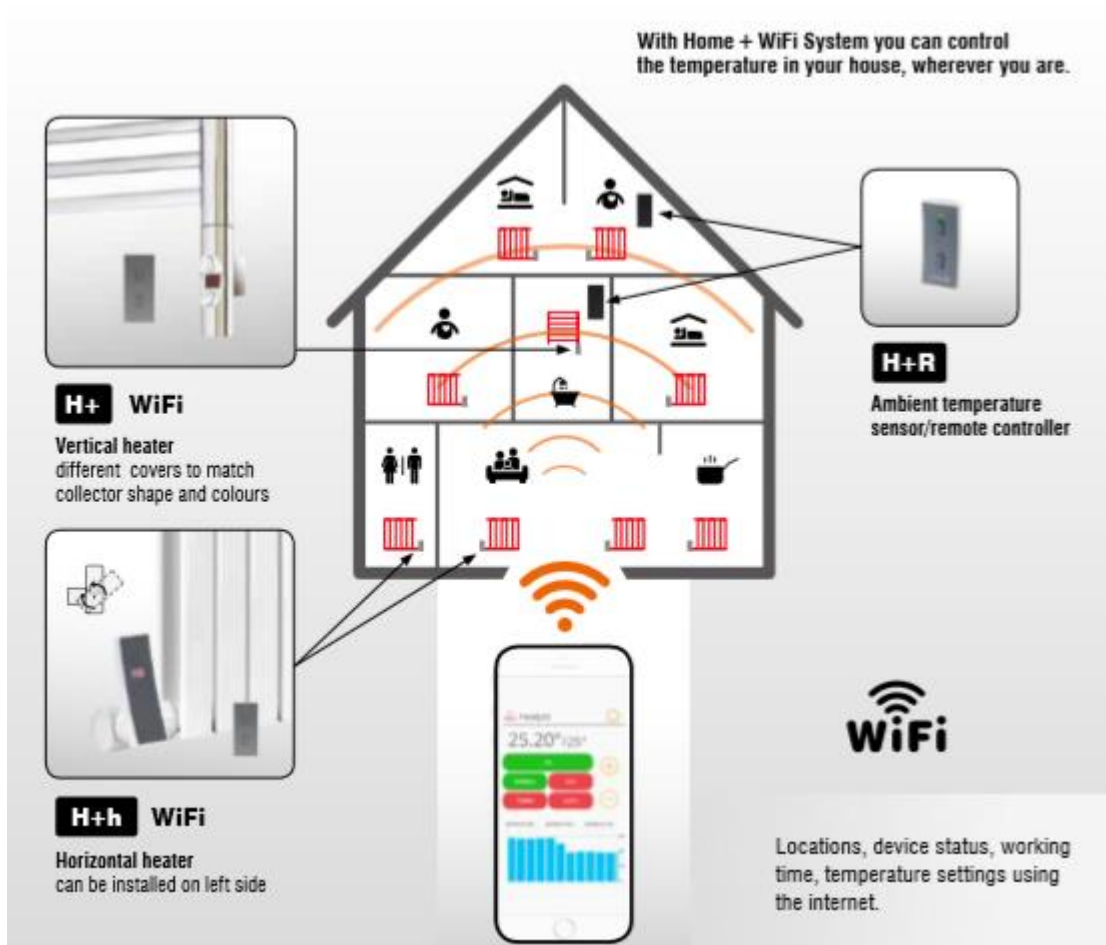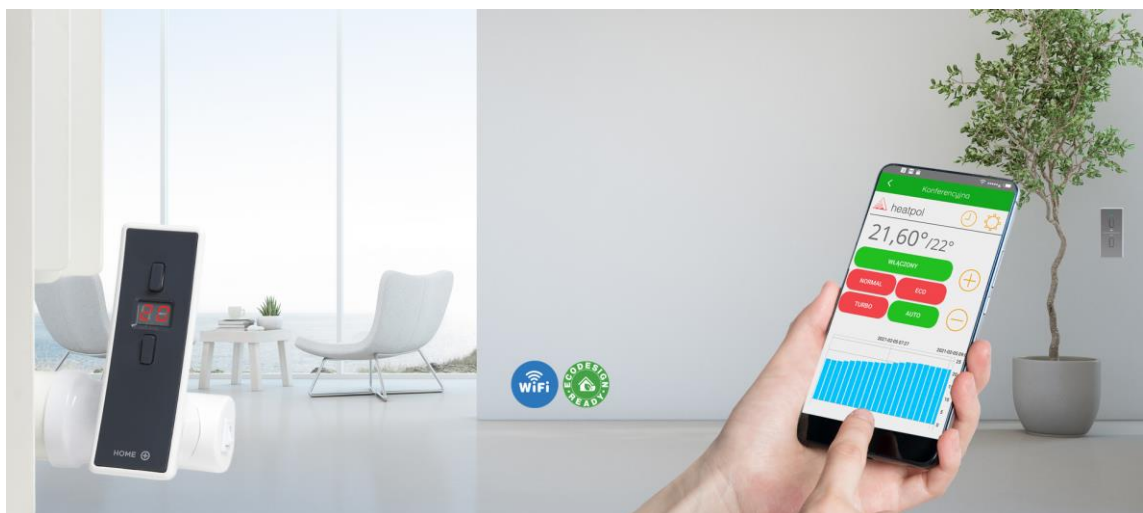
8. HOME + SYSTEM

WIFI OPTION (with smartphone)

Manage the heating system in your house, using any smartphone or tablet with the SUPLA control application. With Home + WiFi System you can control the temperature in your house, wherever you are. With the app you can control up to 100 heaters.

With Home + WiFi System you can control the temperature in your house, wherever you are.

H+ WiFi
Vertical heater
different covers to match
collector shape and colours

H+h WiFi
Horizontal heater
can be installed on left side

H+R
Ambient temperature
sensor/remote controller

WiFi

Locations, device status, working time, temperature settings using the internet.

25.20°/25°

www.heatpol.com.pl

The **H+ WIFI heater** has the latest built-in WiFi module, it can be controlled by any smartphone or tablet with the SUPLA control application installed. The application is **available free of charge in the GooglePlay store and the App Store.** The hardware requirements (smartphone / tablet) operating system Android 3.1 or latest, iOS 8.2 or latest. The heater can also work independently (complete with the H + R remote control). You can save, configure and control your account on **the SUPLA customer account** via the **App. SUPLA** gives you the option to Connect up to 100 heaters. You can also create up to 20 groups of heaters, 10 heaters per group. The configuration method depends only on the user's creativity.

The **H+h WIFI heater** has the latest built-in WiFi module, it can be controlled by any smartphone or tablet with the SUPLA control application installed. The application is **available free of charge in the GooglePlay store and the App Store.** The hardware requirements (smartphone / tablet) operating system Android 3.1 or latest, iOS 8.2 or latest. The heater can also work independently (complete with the H + R remote control). You can save, configure and control your account on **the SUPLA customer account** via the **App. SUPLA** gives you the option to connect up to 100 heaters.

www.heatpol.com.pl

WIRELESS RADIO OPTION (with H+P programmer)

Manage the heating system in your house, using H+P programmer.
H+P allows to control all heaters in your house. Set and program
a temperature in every zone in your house the way you prefer.
With the H+P programmer you can control up to 8 heating zones.

TO SEE MORE : www.homeplus-system.com

www.heatpol.com