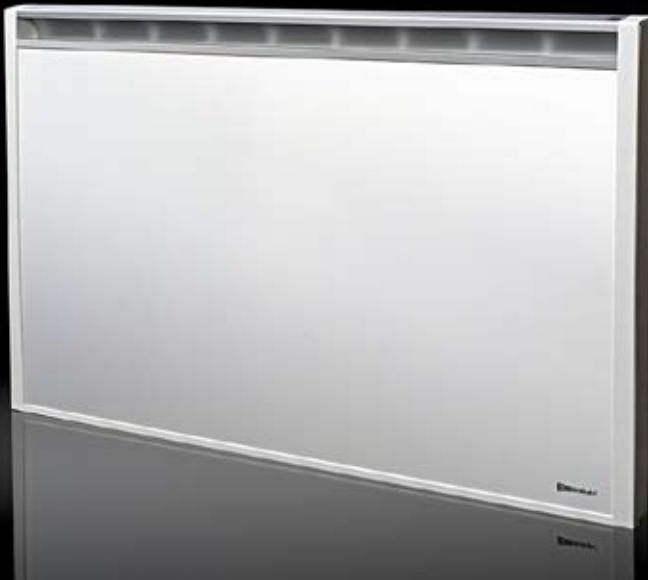




PLANO DEKO

ELECTRIC SOFT HEATING RADIATORS



 **Radialight**[®]

electric soft heating radiators



Plano

horizontal soft heater



Deko

vertical soft heater



THE NEXT HEATING

ERMETE GIUDICI S.P.A. has been manufacturer of small domestic appliances since the early thirties.

In its 80 years of commitment to the manufacture of heating systems, Ermete Giudici S.p.a. has developed a specific knowledge in engineering and production of electrical heating and air-treatment appliances.

Production is now mainly focused on :

- Electric soft heaters*
- Towel warmer radiators*
- Radiant panel heaters*
- Fan heaters*
- Infrared quartz heaters*
- Frost watcher protectors*
- Heat convectors*

A complete range of domestic exhaust fans is also included in the existing production.

We have become a leader among the others European companies in manufacturing of electrical heating with an extremely wide range covering many different applications.

The unsteady and changing market of today gives us the opportunity to face always new challenges. That's why we keep developing new and successful products in order to make them even more competitive in terms of price and better in terms of quality. Our list of innovations is steadily growing longer and among our partners we are recognized as successful innovators.

We were able during the past years to grow our own strong brand to mark heating product of the highest quality and design:



A thorough and hard job guaranteed by production processes certified in accordance with ISO 9001:2008 (CSQ/IMQ), by highly innovative production technology and the highest quality assurance standards.

Product customization, flexibility and just-in-time deliveries are nowadays critical success factors worldwide appreciated by our customers.

IMPROVE THE COMFORT IN YOUR HOME.

4

good reasons to use *PLANO* &
as your heating system

○ **LOW COST AND EASE** of installation

○ The **FLEXIBILITY** offered by the  **Heat** just **WHERE** you need it, **WHEN** you

○ **HIGH COMFORT**: Hi-tech innovative heating
control system in order to get :

> a PLEASANT HEAT DIFFUSION

> a QUICK HEATING PERFORMANCE

> a CONSISTENT TEMPERATURE *avoiding*

○ **DOMOTICS** to reduce electric consumption
programmed to automatically set and keep
your home, according to your daily ar



& DEKO radiators by 

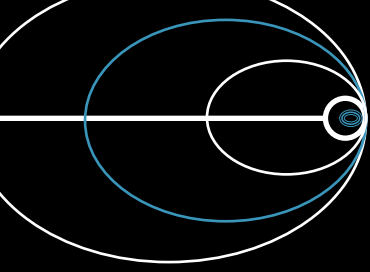
heating systems:

you need it and JUST FOR TIME you need it

g technology combined with an intelligent

n unpleasant variations

on: PLANO & DEKO radiators can be
keep the temperature of each room of
nd weekly routine.



CUT THE COSTS OF INSTALLATION

Should you already have an electric socket available, the time you spend to get PLANO or DEKO installed and ready to heat your home is **15 minutes**.

No mason or plumbing work are required.

Everything you need to install **Radialight**® heaters is a simple drill; screws and wall brackets are already included in the packaging.



FIX ► MOUNT ► INSERT PLUG

RELAX AND ENJOY THE NEW SOFT HEAT IN YOUR HOME



FLEXIBLE SOLUTIONS

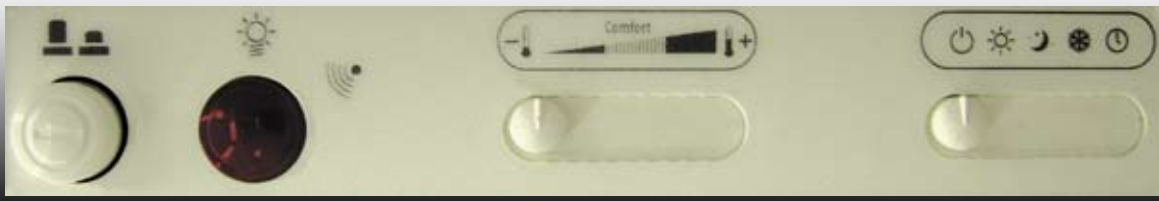
Flexible solutions mean to adapt a specific heating system to the needs of every single room which guarantees an independent management of the temperature in each ambient.

This is the reason why each PLANO and DEKO radiator by **Radialight**® is equipped with an hi-tech electronic control for a thorough regulation of the ambient temperature in every room. A simple control case supplied with a slider allows you to choose among 5 mode functions.



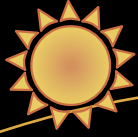
PLANO control interface





DEKO control interface

5 Mode Functions



Comfort: the comfort in the room is controlled by setting the manual ambient thermostat



Eco: to automatically set 3,5°C less than the temperature adjusted on the manual thermostat so to guarantee an energy saving function e.g. during night time or in case no one is in that specific room



Antifreeze: in case of a long absence the temperature can be automatically set at 7°C (+/- 3°C)



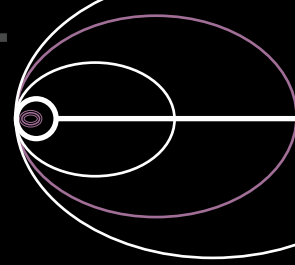
Stand-by: the radiator is turned off



Program: to customize the operation of each single radiator, using the programming function (infrared remote control [ZEFIRO](#), separately supplied)

These 5 functions allow you to install a “tailor-made” heating system to match the warming needs of each single room or different zones in your home and to keep an eye on your energy consumptions.

ELEVATED COMFORT

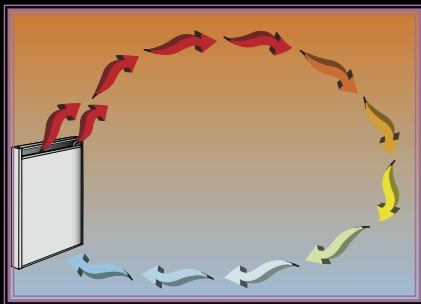


WHAT IS COMFORT?

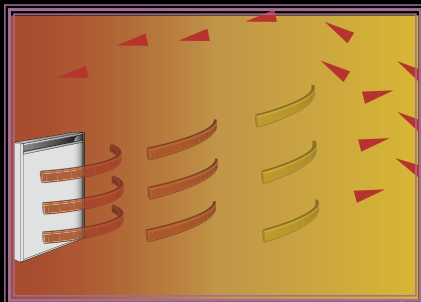
We can talk about COMFORT when air temperature is evenly distributed and it is constant during the day.
This depends on how heat is transmitted.

The main HEATING TRANSMISSION modes are:

Convection: the air heats up, becomes lighter and rises. This circulation of warm air allows to heat the whole area of the room in a very short time



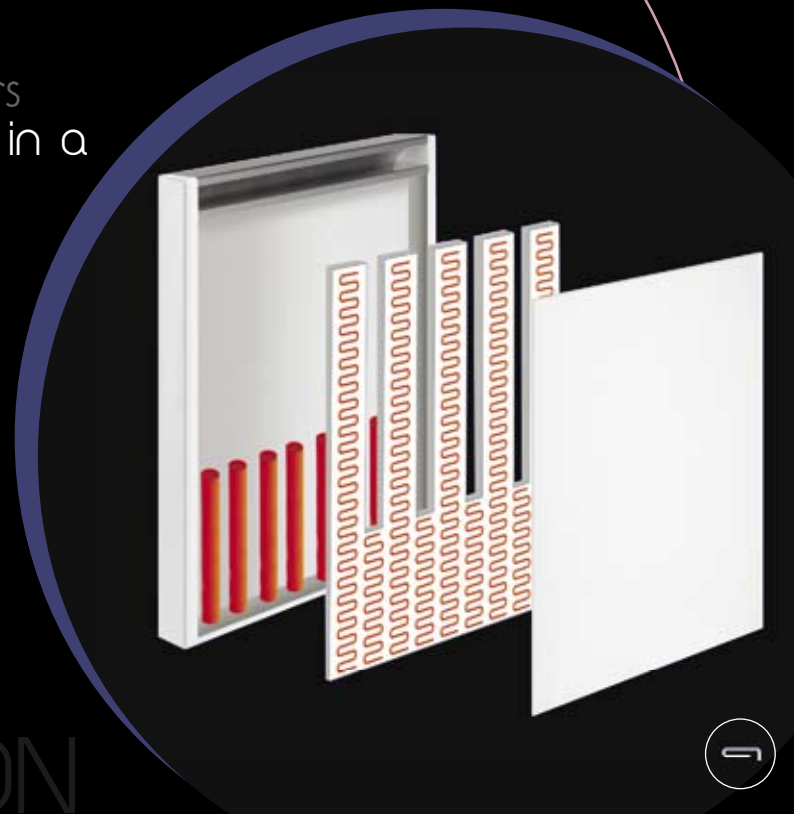
Radiation heating spreads horizontally through the front face making you feel the same comfort offered by sun rays. This particular kind of heating allows you to heat up directly walls and people in the room with a pleasant warm surrounding feeling



PLANO and DEKO soft heating radiators integrate these 2 heating technologies in a single appliance

2 different elements:

An Aluminium element for convection
A Surface element for radiation



LOW CONSUMPTION

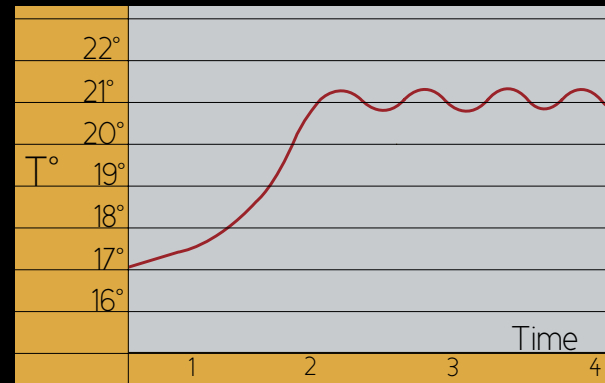


2 different elements in 1 single appliance. HOW DO THEY WORK?

The combination of 2 heating systems allows to heat the room in a very short time and keeps an even and consistent temperature: a sensor measures the ambient temperature and its variations every 30 seconds and adjusts the use of the 2 heating elements to maintain the selected temperature with variations lower than 0,5°C even when outside temperature conditions change.

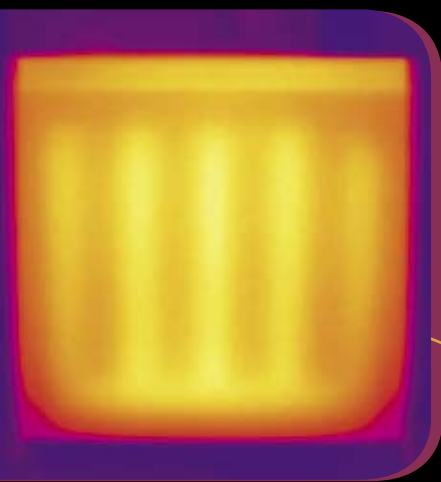
Such a performance is guaranteed by the following very important conditions:

- ▶ The front surface temperature of PLANO and DEKO radiators is constant along time
- ▶ The front surface temperature is not too high (below 70°K temperature rise) softly giving off heat
- ▶ The temperature is uniform all over the front surface



Temperature set on the thermostat 21°C.
Thorough control of the temperature.
Amplitude lower than 0,5°C.

THAT'S WHAT SOFT HEATING IS ALL ABOUT.

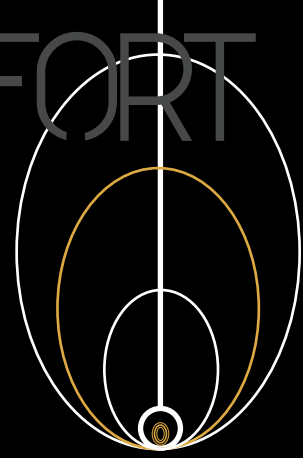


Thanks to these features, PLANO and DEKO soft heating radiators are able to guarantee a constant and uniform warmth creating a cosy and snug feeling avoiding any kind of unpleasant air circulation or current. This also prevents too high thermostat adjustments and an excessive use of energy.

Temperature uniformly distributed all over the front radiant surface.

Furthermore no dust traces on walls thanks to the special design anti-soiling construction.

OPTIMIZE YOUR COMFORT SAVING ENERGY CONSUMPTION



Programming the use of your heating system is **ESSENTIAL** to obtain a **real saving on your electricity bill**.

A good management of energy consumption consists in adapting the operation of each radiator to your hourly and daily habits and routine: up to 25 % saving can be achieved just by programming the operation of each radiator according to your everyday life.




PLANO and DEKO are created to be programmed with the infrared remote control **ZEFIRO** (separately available).

ZEFIRO interfaces every single PLANO or DEKO radiator installed in your home: just a single remote control to program the temperature in each room to optimize your comfort **when, where and for the time you need it**.

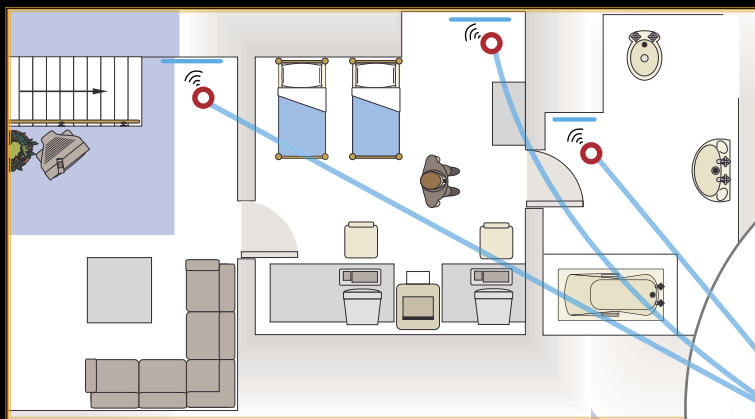
Zefiro infrared remote control



ZEFIRO allows you to set 3 different levels of temperature:

-  COMFORT TEMPERATURE: when you are present in a specific room
-  ECO TEMPERATURE: when you are not present in a specific room or during the night
-  ANTIFREEZE TEMPERATURE: the temperature in a specific room is maintained at 7°C

Every hour of the day for the whole week you will be able to **program** and **monitor** the temperature in every room in your home.



HIGH COMFORT LOW CONSUMPTION

Let's do an example:

Suppose you have a PLANO 65 radiator (800 W) installed in your 10 m² bedroom, provided a certain outside temperature, a good insulation of the room and a 270 cm height ceiling, so that the radiator guarantees a constant ambient temperature of 20°C, using just the 50% of its power output. In these conditions the radiator consumption will be 9,6 KW per day.



Now suppose the operation of the same radiator in the same exact situation have been programmed as it follows:

From 18:00 to 22:00 PLANO 65 will have to maintain 20°C

From 22:00 to 6:00 PLANO 65 will have to maintain a temperature of 16°C (assuming you left your home or you went to sleep)

From 06:00 to 08:00 PLANO 65 will have to maintain again 20°C, and then again 16°C for the next 10 hours (assuming you left home).

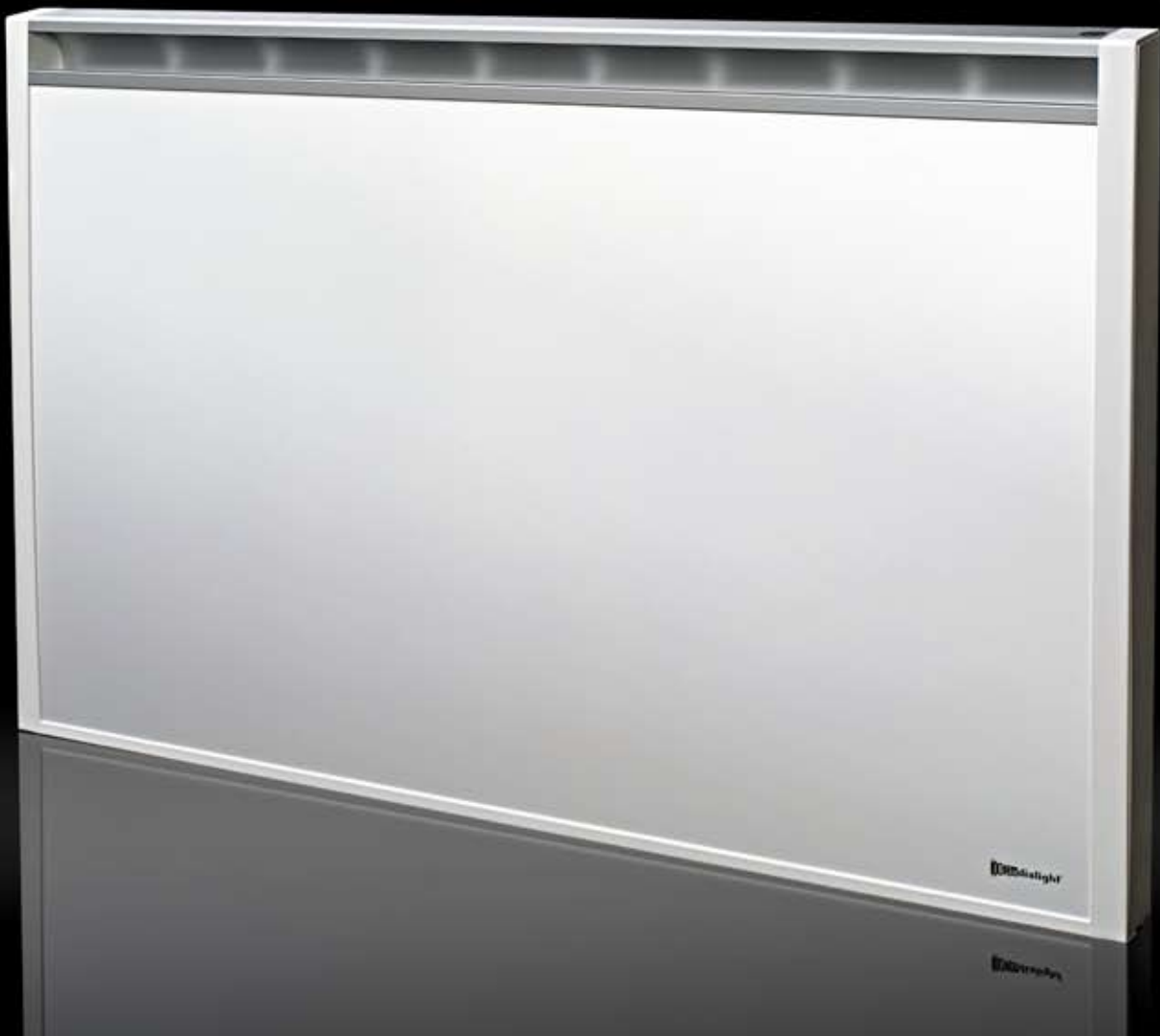


Usually, in homes with a good degree of thermal insulation, 1°C less of the ambient temperature means a 7% less on your electricity consumption.

Hence, from 22:00 to 06:00 and from 08:00 to 18:00 PLANO 65 consumption will be 0,29 KW/h, meaning that on a 24 hour basis the total energy consumption will be 7,62 KW.

You have saved 20% of electricity just by programming the operations of PLANO.

* PLANO and DEKO radiators may be also used in combination with an already installed decentralized programming device to adjust temperatures in different zones in your home or to balance the electrical absorption.



PLANO

SOFT HEATING RADIATOR

MORE ADVANTAGES
FOR A QUICK AND PLEASANT HEAT



Heat is quickly diffused and thoroughly maintained thanks to **DUAL THERM** technology



Personalized heating in each room of your home to minimize electrical consumption



Constant temperature in weather changing conditions



Lightweight radiator for an easy wall installation



3 DIFFERENT MODELS TO SUIT EVERY ROOMS



PLANO 45

Power output: 500 W

Height in cm: 60

Width in cm: 45

Depth in cm: 5

Weight: 11 Kg

6-8 m^{2*}



PLANO 65

Power output: 800 W

Height in cm: 60

Width in cm: 65

Depth in cm: 5

Weight: 13 Kg

11-13 m^{2*}



PLANO 95

Power output: 1300 W

Height in cm: 60

Width in cm: 95

Depth in cm: 5

Weight: 16 Kg

16-20 m^{2*}

IP 24   

* Note: the above performance levels were calculated according to an estimated ceiling height between 2,50 and 3,00 meters. They may also be affected by the climate of the area and the level of insulation of your home.

DEKO

VERTICAL

SOFT HEATING

RADIATOR

FURNITURE TAKES UP TOO MUCH ROOM?
GO VERTICAL WITH DEKO



Heat is quickly diffused and thoroughly maintained thanks to **DUAL THERM** technology



Personalized heating in each room of your home to minimize electrical consumption



Constant temperature in weather changing conditions



Lightweight radiator for an easy wall installation



VERTICAL SHAPE PURE AND ELEGANT OUTLINE



DEKO

Power output: 1000 W

Height in cm: 120

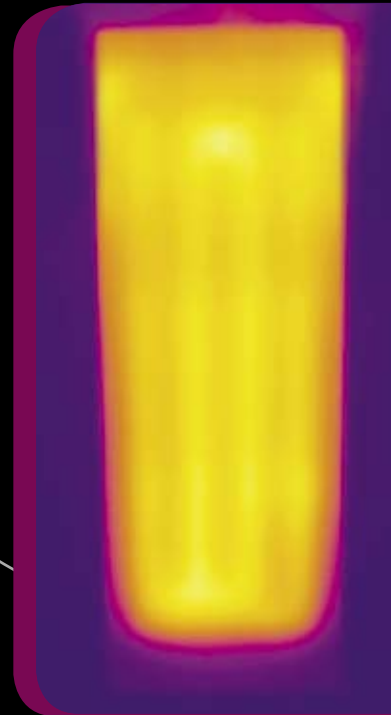
Width in cm: 43

Depth in cm: 9

Weight: 18 Kg

12-14 m²*

*Temperature uniformly
distributed all over
the front radiant surface.*



IP 24 

* Note: the above performance levels were calculated according to an estimated ceiling height between 2,50 and 3,00 meters. They may also be affected by the climate of the area and the level of insulation of your home.

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 Radialight®

 **Radialight**[®] radiators
design and production
is 100% Italian

 **Radialight**[®]

THE NEXT HEATING GENERATION





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