Electric heating

Electric radiators serve as a supplement to any heating system. The house is easily and sustainably heated. Electric heating offers many advantages. The radiators have a long lifespan, are safe, quiet, energy-efficient and provide pleasant and even radiant heat. Additionally, the installation is simple. There is no need for laying or rerouting heating pipes. As long as there is a power source nearby. Instamat offers extensive possibilities for electric heating. Suitable for every space and interior style, as well as every heating system.

EU directive Ecodesign

Our range of electric radiators complies with the EU Ecodesign directive, which came into effect on January 1, 2018. This directive mandates that electric radiators used as main heating sources must be equipped with an energy-efficient control system. The reduction in energy consumption contributes to lower CO2 emissions in Europe. Radiators that meet the Ecodesign directive are marked with our Ecodesign logo.

As main heating or as supplementary heating

Electric radiators can serve as main heating sources. The main advantage is that the installation is relatively simple, as there is no need for a network of heating pipes. Similar to other central heating systems, the electric radiator is controlled by a thermostat, ensuring sustainability and energy efficiency.

If a space already has heating, such as underfloor heating, an electric radiator can function effectively as supplementary heating, for example in the bathroom or kitchen. This provides additional heating capacity or the opportunity to warm up towels and bathrobes. A mixed configuration radiator combines the benefits of central heating and electric radiators. The radiator is connected to the central heating system but also features an electric element.

When the central heating is turned off, such as in the summer, the radiator can still be heated using the electric element. This allows for heating the bathroom or kitchen or enjoying a warm towel without needing the central heating system.

Electric heating

Mixed configuration

To select a radiator with a mixed configuration, you can choose a bathroom radiator with a center connection. The radiator can be connected to the central heating system via this center bottum connection. The heating element and controls need to be ordered separately and installed on-site at the bottom of the right collector tube. For radiators with a mixed configuration, it is essential to keep the radiator's return open due to the expansion of hot water in the radiator. Radiators suitable for a mixed configuration are indicated with the following logo.

Icon: Mixed Configuration

Electric floor heating

Electric underfloor heating provides a comfortable sense of warmth in the home and is the perfect complement to design radiators. The heat is distributed gradually throughout the space, and the floor retains the warmth for an extended period. It is available as a heating mat consisting of a thin heating cable securely attached to a fiberglass mat, making installation easy. With a construction height of just 5 mm (excluding tiles), the heating mat is ideal for spaces where minimal floor elevation is possible. The temperature is controlled using a simple thermostat.

Thermostats and controls

Our electric radiators come with a pre-assembled electric element and, if desired, a digital thermostat. The operation of this thermostat is extremely user-friendly. It offers the option to set a weekly or daily program. You can also choose whether the thermostat operates continuously or for a duration of two hours only.

Additional features such as "open window detection" which automatically puts the radiator on standby mode, an "anti-freeze" function, and an ECO mode provide extra comfort and energy savings.

Each radiator indicates whether a thermostat is included as standard and which other thermostats are potentially available. Additionally, there is often the option for a remote control.

The thermostat is designed to heat the fluid in the towel radiator in conjunction with the heating element. Both the element and the digital thermostat are Class II and CE approved. The thermostat is located at the bottom right of the radiator. The connection of the electric element and the thermostat should be done according to the applicable guidelines.

EL.AFSTAND.02 *EL.BEDIENING.07* *EL.BEDIENING.08*

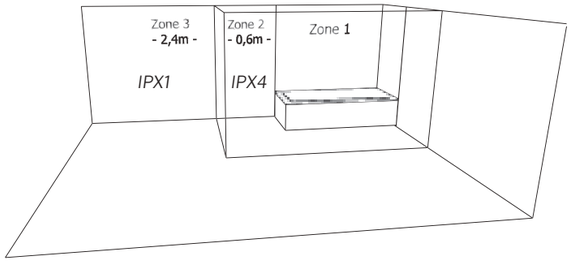
EL.BEDIENING.11 *EL.BEDIENING.12* *EL.BEDIENING.13* *EL.BEDIENING.20* *EL.BEDIENING.21* *EL.BEDIENING.22* *EL.BEDIENING.23* *EL.BEDIENING.24*

Where to install

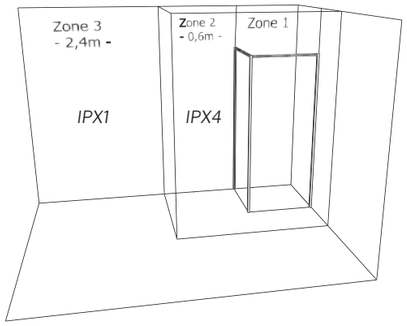
In a sanitary space, strict safety requirements apply for electricity. Mounting in zone 0 or 1 is extremely dangerous! The electric radiators from Instamat comply with the IPX4 class. This means that the radiators can be installed in zone 2.

The electrical connection, such as wall sockets, must always be located outside zone 2. The connection of electrical appliances should always adhere to the regulations.

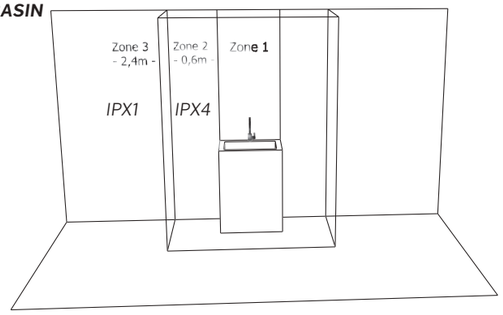
ZONE INDICATION BATHTUB



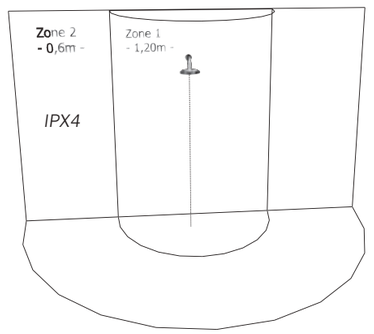
ZONE INDICATION SHOWER CABIN



ZONE INDICATION WASHBASIN



ZONE INDICATION OPEN SHOWER



Optional

INDIVIDUAL THERMOSTATS FOR ELECTRIC RADIATORS:

TYPE	DESCRIPTION
EL.BEDIENING.07	Digital thermostat with RF receiver, IPX5
EL.BEDIENING.08	Standard digital thermostat, white, IPX4
EL.BEDIENING.11	Luxury round digital thermostat, white, IPX4
EL.BEDIENING.12	Luxury round digital thermostat, black, IPX4
EL.BEDIENING.13	Luxury round digital thermostat, chrome, IPX4
EL.BEDIENING.20	Digital wall thermostat, IPX1
EL.BEDIENING.21	Digital wall thermostat with color touch screen, IPX1
EL.BEDIENING.22	Digital wall thermostat with color touch screen and WIFI, IPX1
EL.BEDIENING.23	Digital wall thermostat in white with WIFI, IPX1
EL.BEDIENING.24	Digital wall thermostat in black with WIFI, IPX1
EL.AFSTAND.02	Digital remote control for EL.control.08 -.11 -.12 -.13

CABLE COVERS

TYPE	OMSCHRIJVING
EL.COVER.11	White cable cover for thermostat EL.BEDIENING.11
EL.COVER.12	White cable cover for thermostat EL.BEDIENING.12
EL.COVER.13	White cable cover for thermostat EL.BEDIENING.13

SEPARATE ELECTRIC HEATING ELEMENTS WITHOUT THERMOSTAT:

TYPE	DESCRIPTION
EL.ELEMENT.10	Electric heating element 250W, L=310mm
EL.ELEMENT.11	Electric heating element 400W, L=380mm
EL.ELEMENT.12	Electric heating element 600W, L=470mm
EL.ELEMENT.13	Electric heating element 800W, L=550mm
EL.ELEMENT.14	Electric heating element 1000W, L=640mm
EL.ELEMENT.15	Electric heating element 1250W, L=760mm
EL.ELEMENT.16	Electric heating element 1500W, L=930mm