



LK Room Temperature Control

Innovations for your senses



LK Systems



The heart and brain of your under floor heating system

The only thing you will see of your under floor heating installation is the room thermostat with straight and stylish lines in an ageless design. You can furnish completely freely and allow your own preferences and ideas to steer without taking into account radiators and pipe works. Instead allow the room's shape, light or a beautiful floor to be the starting point of your inspiration and furnishing.

LONG-STANDING EXPERIENCE

Our systems have been developed based on LK's experience of under floor heating systems of more than 30 years, and consequently we can offer a control system with modern technology solutions combined with long-standing expertise in under floor heating. We are aware of what is required for your under floor heating system to function flawlessly year after year.



ENERGY-SAVING CONTROL

In order for your under floor heating to be controlled as energy efficiently as possible, our thermostats work with self-modulation technology. Self-modulation technology entails that the flow in the floor heating circuits is optimised continuously based on the needs of the room. This allows better comfort and more energy efficient and eco-friendly under floor heating systems than systems which work with traditional technology.

INDIVIDUAL ROOM CONTROL

LK Room Thermostat enables the correct temperature in all rooms. Thermostats are placed in all rooms, with the task of detecting and communicating the heating needs of the room to the manifold's motorised valves.



LK Room Control Basic

LK Room Thermostat S1

LK Room Thermostat S1 model is of traditional design but still has a modern look to it, with a gloss white polished surface. The room thermostat is extremely thin and blends easily into the room surroundings. LK Room Thermostat S1 is also available in a model with a concealed temperature setting, suitable for, for example, a public environment.

LK Room Thermostat S2

LK Room Thermostat S2 has a modern design with a glassy surface and a stylish white diode display. The thermostat is equipped with touch buttons which enhances the immaculate and discrete appearance. The diode display's brightness is moderated based on the usage so that the room thermostat does not attract unnecessary focus in the room.

LK Room Thermostat S2 is our new standard thermostat which is installed with LK Under floor heating. The thermostat is also suitable in public environments when the temperature setting can be locked with an easy combination press.

Naturally the thermostat works with our well-tested self-modulation technology for best energy efficiency.



LK Room Temperature Control ICS.2

LK Room Temperature Control ICS.2 has straight, stylish lines in an ageless design. The thermostats are fitted with a backlit display and are available in gloss white, gloss black and silver grey.

The system comprises of a receiver unit and thermostats which can be connected through a wireless or wired connection. Consequently LK ICS.2 offers great flexibility when you need to rebuild or expand your under floor heating system.

LK ICS.2 naturally works with self-modulation technology, like all our thermostats. Another energy-saving function is that LK ICS.2 has an in-built adaptive weekly programme for night reduction of the temperature. The adaptive function entails that the system learns when it needs to switch on the under floor heating to attain the desired temperature at the desired time.

If you will be away on holiday you can reduce the temperature in your under floor heating system while you are away. This can easily be done from an optional thermostat in your system by activating the in-built holiday function.

LK ICS.2 then keeps track of how many days your system should have a lower temperature, and ensures that the house is warm and nice when you return home after your holiday.

In addition to this, LK ICS.2 has many other smart functions which you can benefit from, such as fire place function, bypass function, logging and analysis. More information is available on www.lksystems.se.

LK ICS.2 is easy to install and, if possible, even easier to program.



LK Room Temperature Control ICS.2

Enjoy the holiday in peace and quiet

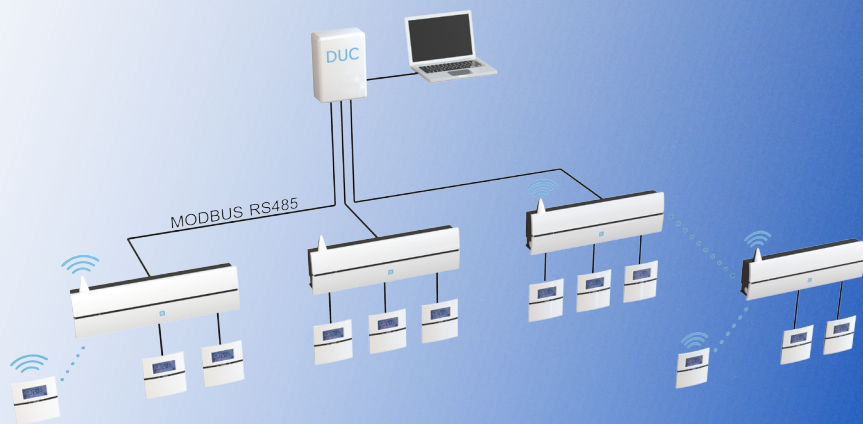
LK Room Temperature Control ICS.2 allows you to easily control the underfloor heating system in your house, summer or winter cottage even if you are far away from it. This saves energy when you are not there, and at the same time you can be certain that it will be warm and pleasant when you arrive. Enjoy and relax during your holiday as you can easily check that everything is in order in the house while you are away.

Using LK Webservice ICS.2 you can easily control your installation remotely via a mobile phone, tablet or computer. The user interface is simple and intuitive and provides a good overview of the underfloor heating system. All system settings can easily be made through this user interface.



LK Room Temperature Control ICS.2

Building automatics



LK Room Temperature Control ICS.2 is suitable for both small, medium and large property installations. LK ICS.2 has been designed to provide high levels of comfort and energy efficient heating systems thanks to the system's advanced self-modulation technology. The system can also communicate using the Modbus protocol RS485/RTU for connection to the general building automatics.

LK Systems is a part of the group Lagerstedt & Krantz AB
and is one of the leading HVAC suppliers
of water and heating systems within the Nordic region.
We manufacture and sell systems for radiator and under floor heating,
tap water and drainage, as well as different types of pipe fittings.
Within the company there is also an advanced prefabrication department which
manufactures customised solutions for our customers.



www.lksystems.se