

Outdoor temperature compensated heating control equipment

Application

Outdoor temperature compensated control is the most comfortable and the most energy-efficient type of heating control. If the controllers are properly adapted to the heating system, they ensure optimum room temperature stability. Outdoor temperature compensated heating controllers should always be used for underfloor heating systems.

Description

Outdoor temperature compensated heating controllers compare all incoming measured values with the preset and the calculated setpoints to ensure optimum interrelation of all the individual components of a heating system. On the basis of these optimised values, the burner or the circulation pump is switched on or off and the mixer motor opened or closed as required. The result is a constant indoor temperature that is completely independent of the outdoor temperature.

Control K1 HQN 2/K1



Control K1 HQN 2/K1

The HQN 2/K1 heating controller with analogue timer (day programme) is an outdoor temperature compensated, digital controller for burner control, hot water temperature control or mixer control. Outdoor temperature sensor (AFS) and supply sensor (VFAS) are included. A water tank sensor (SPFS) is available as an accessory for hot water temperature control.

Remote control with room sensor FBR1



Remote control FBR1

Remote control FBR1 with integrated room sensor. With rotary knob (heating, timer, reduced temperature) and rotary knob for changing the room temperature setpoint by +/-5 °C with reference to normal mode. Can be connected to HQN 2/K1.

LAGO 0321



LAGO 0321

The LAGO 0321 heating controller is an outdoor and indoor (optional) temperature compensated system with controller and digital timer. The device contains the controller for a single-stage heat generator, for a drinking water system and for 2 heating circuits (one mixed heating circuit maximum). The pump relay of the direct heating circuit can be alternatively used for other functions such as circulation pump, return flow increase or collector pump. The controller is designed for wall mounting; connections via screw terminals. The unit can be extended by a room thermostat or a room controller (remote control) at any time. Outdoor temperature sensor, supply surface sensor and boiler sensor/tank sensor are included.

DG: G	VE	Part no.	Price €
Control HQN 2/K1 with AFS and VFAS	1	69306	
Accessories / spare parts			
Outdoor sensor AFS, 1k	1	69249	
Surface sensor VFAS, 1k	1	69250	
Boiler/tank sensor KFS/ SPFS, 1k	1	69309	
Remote control FBR1	1	69308	
Actuator			on request

DG: G	VE	Part no.	Price €
LAGO 0321 with sensors AF, VF and KF/SPF	1	69292	
Spare parts			
Outdoor sensor AF 5k	1	69327	
Surface sensor VF 5k	1	69325	
Boiler/tank sensor KF/SPF, 5k	1	69326	