

INFINITELY VARIABLE  
TEMPERATURE  
ADJUSTMENT FOR THE  
PERFECT INDOOR CLIMATE

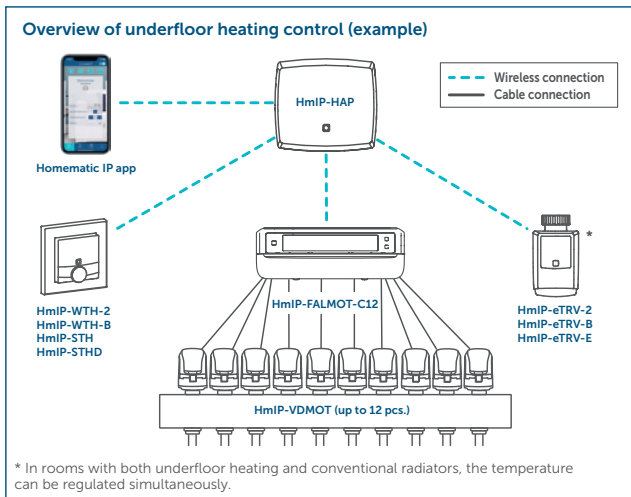
## Floor Heating Controller – 12 channels, motorised

HmIP-FALMOT-C12

No more cold feet: With the Homematic IP Floor Heating Controller, used together with the motorised valve drives from Homematic IP, floor heating systems can be easily controlled and even retrofitted. The controller's infinitely variable and energy-efficient control of up to 12 individual heating circuits ensures the temperature is always right in every room.



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## THE IDEAL TEMPERATURE IN EVERY ROOM

Used together with the motorised valve drives from Homematic IP, the smart floor heating controller ensures efficient floor heating for up to 12 heating zones. Individual temperature schedules can be set with up to 13 changes a day in 6 heating schedules (3x heating/3x cooling). Flexible regulation is carried out via a free smartphone app or directly on the Homematic IP Wall Thermostat.

## PRECISE TEMPERATURE CONTROL

The controller enables a constant flow of heating water, also adapted to different floor structures. Modern control algorithms enable an even and efficient utilisation of the heating system even with low heat demand. Instead of conventional thermal actuators (open/close), the control is carried out via motorised actuators (HmIP-VDMOT) - these enable dynamic adaptive balancing of the individual rooms.

## TECHNICAL SPECIFICATIONS

Supply voltage	230 V/50 Hz or 24 VDC/SELV
Current consumption	500 mA max. or 375 mA max. (at 24 VDC/SELV)
Cable type and cross section	rigid and flexible cable, 0.12-0.5 mm <sup>2</sup>
Degree of protection	IP20
Ambient temperature	0 to 50° C
Dimensions (W x H x D)	242 x 85 x 52 mm
Weight	440 g
Radio frequency band	868.0-868.6 MHz 869.4-869.65 MHz
Typical radio free-field range	320 m
Max. number of heating zones	12
Connection cable length	1.5 m

## SMART AND SIMPLE RETROFITTING

Existing floor heating systems can be easily retrofitted. The use of secure wireless communication means that no new cables need to be laid. And, because all the necessary devices can be commissioned directly on site, even without an internet connection, the products are also ideal for new buildings.

## EASY INSTALLATION

The screwless plug-in/clamp connection technology enables easy, tool-free installation. The valve drives are simply connected to the floor heating controller with snap-on connectors.

The illuminated display clearly shows the status of the valves, making commissioning and function tests easier.

## FLEXIBLE USE

The controller regulates floor heating systems and other water-based surface heating systems, such as wall heating systems. In addition, it is possible to connect it to the Multi IO Box or the switching actuator for heating systems, for example, to control a circulation pump or boiler, and for switching between heating and cooling mode. This means that rooms can even be pleasantly cooled in summer.

Several floor heating controllers can be used simultaneously in one house.

A wall thermostat can be used to control several heating systems in a room.

Operation requires connection to one of the following solutions:

- Stand-alone (no Access Point or Central Control Unit, configuration directly on the Homematic Wall Thermostat (HmIP-WTH-2, HmIP-WTH-B, HmIP-BWTH or HmIP-BWTH24))
- Homematic IP Access Point with free smartphone app and free cloud service
- Third-party partner solutions

## LOGISTICS DATA

Product reference	153621A0
EAN code	4047976536214
Short description	HmIP-FALMOT-C12
Packing unit	12
Packing dimensions	184 x 281 x 97 mm
Weight incl. packaging	917.0 g

## PACKAGE CONTENTS

Homematic IP Floor Heating Controller – 12 channels, motorised  
 Power cable  
 Mounting material (2x screws, 2x plugs)  
 Operating manual