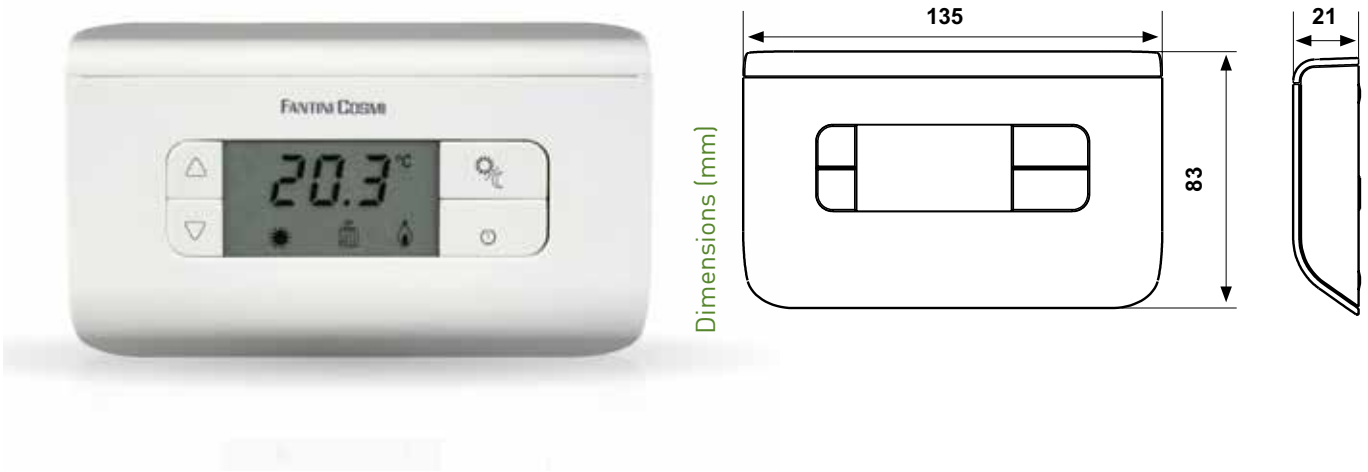


CH115RF

Radio frequency room thermostat, with batteries, 3 temperature levels

Radio frequency electronic thermostat with microprocessor, to control heating and air conditioning installations. Covers the embedded 3-module box (503).



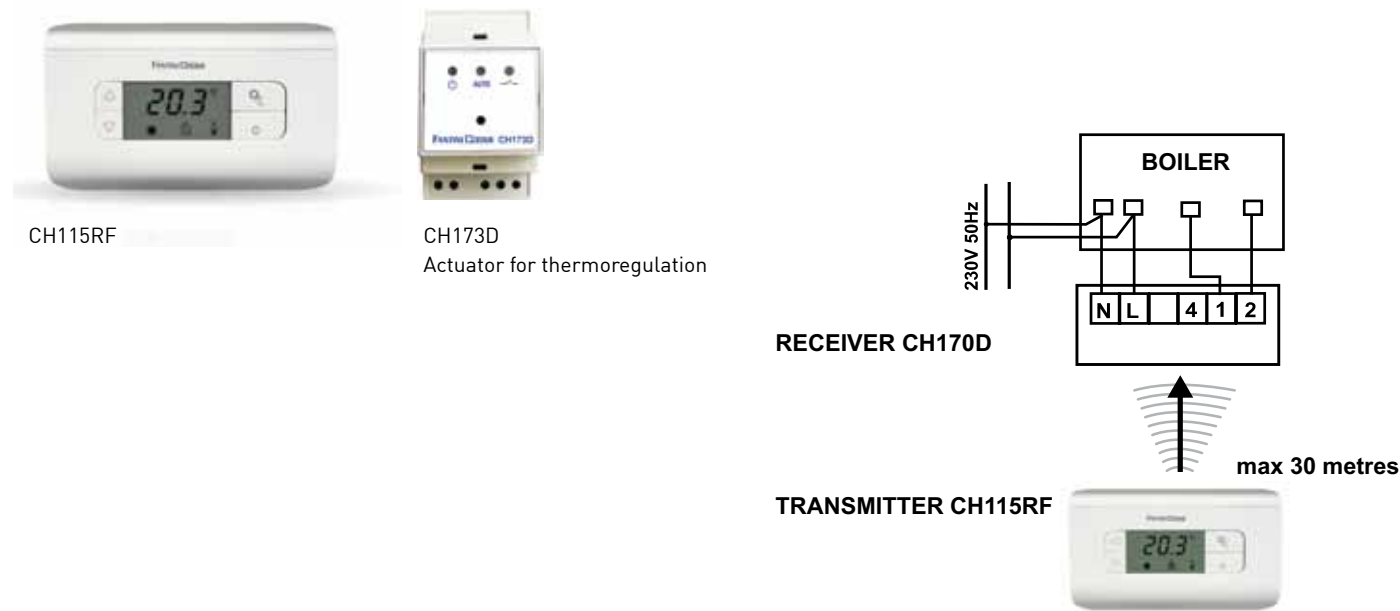
	Temperature regulation range °C	Differential* K	Body admissible temperature °C	Power supply	Protection degree
CH115RF	2 ÷ 40	± 0,5	- 10 ÷ 50	2 batteries AA	IP20

* Differential values are referred to a thermal gradient of 4K/h.

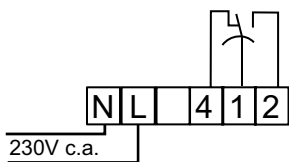
RECEIVER ACTUATOR WITH 1 OUTPUT RELAY

	Installation	Receiver power supply	Contact rating	Ambient admissible temperature °C	Protection degree
CH173D	DIN rail	230Vca 50Hz	5(3)A 250Vca	- 10 ÷ 45	IP20

THERMOREGULATION EXAMPLE OF THE HEATING / COOLING INSTALLATION



ACTUATOR ELECTRICAL FEATURES



HOMOLOGATION AND STANDARDS

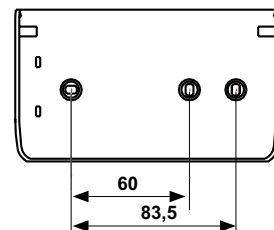
Complies with EN 60730-2-9 standards.

INSTALLATION

Wall mounting, in 3-module embedded box (503) or in round box with axle spacing of 60 mm. It is supplied with a base suitable for installation in embedded (503) rectangular or round boxes, or on the wall.

No changes are necessary to the existing system.

DIN rail mounting of the actuator.



OPERATION

When the temperature increases: 1-2 opens.

3 operation modes:

- COMFORT
- ECONOMY
- OFF

COMFORT and ECONOMY operation modes are selected through the key

OFF operation mode can be used as "antifreeze" mode or to shutdown completely the system (OFF).

OFF operation modes can be selected through the key

3 set temperatures:

- COMFORT
- ECONOMY
- OFF

COMFORT operates system's comfort temperature that can be set from 2°C to 40°C.

ECONOMY operates system's economy temperature that can be set from 2°C to 40°C.

OFF temperature set in the "regulation" mode from 0 to 7°C to ensure frost protection function.

SUMMER-WINTER control by pressing simultaneously the keys

In order that CH115RF and CH173D are going to communicate correctly, it is necessary to perform a procedure called "self-learning", during which the actuator recognizes and stores CH115RF identity. From this moment, the actuator will execute all thermostats commands, leaving out those of other transmitters that may be present in the operation area (please note that the radius of action of the system CH115RF/CH173D is about 30 meters in open air).

N.B.: It is possible to control two or more actuators CH173D with just one CH115RF: of course, it is required performing the self-learning procedure on all CH173D actuators (not necessary in the same time).

FEATURES

Wide display with graphic icons combined with frontal keys for choosing the operation mode.

Possibility to visualize Celsius or Fahrenheit temperature values.

Battery operation life over 1 year.

Low battery charge indication.

Maximum ambient temperature 45 °C.

Dimensions 135 x 83 x 21mm.

Maximum signal operation radius 30 mt.