

UN UNICO  
SISTEMA



ELFOSystem

Temperature, humidity & air quality control

Personalized comfort in each room

A single control for the whole system

Display Touch screen



## ELFOControl

Centralized control device for residential systems for heating, cooling, domestic hot water production and air quality.

ELFOControl HOME is the "brain" of the system that is connected to all system components.

ELFOControl checks the working conditions of each device and lets you adjust the operation of the entire system from a single control centre, where you can set all the desired parameters for your personal comfort. Adjustment of values is simple and functional. With the aid of pre-defined operating scenarios, the user can select, from a range of comfort profiles, the one that best suits his needs.

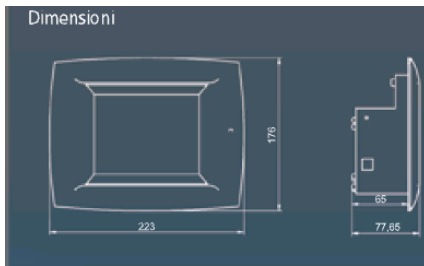


# ELFOControl

## Complete and efficient control of the whole indoor comfort system



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### TURN IT ON AND RELAX

ELFOControl manages all the elements of the system. It automatically changes over from summer to winter operation and monitors the entire system with no user action required. The touch screen of ELFOControl makes any operation easier. Controls and settings are easy to use and are immediately understandable.

### CONTROL OF ALL DEVICES FROM A SINGLE POSITION

The user has the utmost freedom to define values of temperature, humidity, and hours of operation for each room in the house. Rooms may be grouped together in zones as required, setting the same comfort values or hours of operation. Ample flexibility is obtained in the management of the rooms of the home, which can be split into 10 separate zones and configured independently. Assignment of the zone name is defined by the user (e.g.: "kitchen").

### OPTIMIZATION OF ENERGY

ELFOControl allows the definition of the climate summer and winter curve. In this way the system considers the external conditions in consideration to the real comfort needs, without energy consumptions.

### INTUITIVE AND EASY DISPLAY TOUCH SCREEN

La casa deve sapersi adattare alla quotidianità di chi la abita. L'interfaccia di ELFOControl rende semplici e veloci questi gesti perché permette di raggiungere e controllare ogni dispositivo dell'impianto senza spostarsi. Bastano pochi tocchi sul display per elevare il livello di comfort in una stanza oppure di una zona.

### MAX FLEXIBILITY

ELFOControl maintains constant the programmed values for temperature, humidity, etc. based on the set times for each room in the home. However, based on individual needs, it can also perform system overrides. Overrides are especially useful when, for example, the user will be away for a few days or the occupancy changes and variations are required in the desired zone conditions (e.g. a specific comfort for 5 hours).

## Technical Data

Display	Touch Screen - dimensions 5,7" - colour or monochrome
Control capacity	10 climatic zones —32 total controllable elements
Connectivity Network	1 serial RS485 (master)
Characteristics	Cable for serial lines RS485 (example BELDEN 3105A or similar)
Power	25 VA
Degree of protection	IP40
Power supply	24 VAC 50 Hz—24 VDC
<b>Installation</b>	
TR24X: Supply transformer 230/1/50 - 24 Vac	Allows transformation from 230/1/50 to 24 VAC to power ELFOControl
CIECX: Flush-mounted pre-installation box	Allows recessed installation of ELFOControl
CBSX: shielded cable for bus RS485	Allows connection of all devices that make up the system
<b>Radiant panels - Terminal units</b>	
KGPRX: control module for mixing group	It is the electronic module that manages a mixing group not furnished by Clivet
CMZRX: radiant zones module	Controls up to 6 cut-off valves that feed radiant panels, radiators, or heating system furnishing
CMRSX: single zone module	Gestion d'une vanne d'interception qui alimente des panneaux radiants, des radiateurs ou ventilos convecteurs
<b>System components</b>	
MIOX: input/output module	Control of substitution generator (boiler)
	Control of zone valves or transfer pumps
	Control of remote consent
<b>Domestic hot water</b>	
CACSX: control for domestic hot water kit	This is the electronic module that lets you control a storage tank when provided by others
KBQRE3X: domestic hot water kit of 300 litres	This is the kit complete with electronic module, storage tank of 300 litres, three-way valve
KBQRE3X: domestic hot water kit of 500 litres	This is the kit complete with electronic module, storage tank of 500 litres, three-way valve
<b>Thermostats</b>	
HID-T2X: local electronic room control HID-T2	Temperature-only thermostat—wall-mounted
HID-T3X: local electronic room control HID-T3	Temperature and humidity thermostat—wall-mounted
HID-T12X: local electronic room control HID-T12	Temperature-only thermostat—recessed

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