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# PRODUCT CATALOGUE



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Touch screen display interface



## EVO-2-TOUCH

to combined with EVOBOARD



### PLUS

- » 2.8" capacitive touch screen display
- » Integrated temperature and humidity probe
- » Low-voltage power supply drawn from the power component
- » Wall mounted or ART-U on-board installation
- » Designed for the main electrical connection boxes
- » User-friendly
- » Aluminium foil and polyethylene frame with various chrome plating options

### FEATURES



#### Intelligent interface

The various screens are designed to make human-machine communication intuitive. Each page contains a few essential items of information that allow the consultation of the unit's main operating parameters and enable the initial control configuration according to system requirements.

#### Smart touch

Touch screen technology is another element whose goal is to simplify the user experience. The tap and swipe functions make the control experience similar to that of your smartphone.

### INSTALLATION

#### Installation procedures

The touch screen interface can be installed in the ART-U series in combination with the EVO BOARD circuit board, integrating all the advanced functions of EVO with a strongly design-oriented product. The different colour combinations of the frame, combined with the different versions of the cover panel of the ART-U series, allow considerable freedom of customisation. If envisaged to be combined with other series of fan coil units, the preparation for the main standard electrical boxes allows easy mounting on the wall. In this case the clips positioned at both ends of the containment box allow the correct reading of the room temperature by the sensor integrated in the control electronics



**COLOUR OPTIONS**

**Customisable frame**

The external frame of the interface is available in four different chrome plating options and is made with double aluminium foil and a polyethylene core. The available colours are white, black, grey, and red, and allow the ideal combination with the versions of the ART-U series. In the case of wall mounting, the various solutions represent a good range of choice for determining the best match with the style of the structure to be air-conditioned.

**FUNCTIONS**
**“Economy”**

A typical need in hotel rooms and in other rooms with variable occupancy is the management of air conditioning with reduced operation when the user is not present. This solution, which is often accomplished by means of occupancy sensors or magnetic readers, guarantees considerable energy savings, but requires the possibility to force the fan coil unit to operate in Economy mode in a simple and effective manner. This is all possible with EVO, which has 3 pre-configured digital inputs for ON/OFF, Economy mode, and remote summer/winter switchover.

**Lock function**

On all the interfaces that can be combined with the EVO BOARD circuit board, it is possible to force the locking of the control functions in order to avoid unwanted changes to the fan coil unit's operating and configuration parameters. This function is activated with a keyboard shortcut or by entering passwords depending on the interface chosen.

**Configurable digital output**

EVO is equipped with a fully configurable digital output that allows the control to provide important information to external devices, such as the cooling and/or heating demand, the operating mode, and the possible presence of an alarm.


**Activation of external dehumidifier/humidifier**

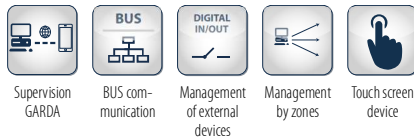
This control implements the humidity control function in relation to a settable setpoint. By connecting the appropriate sensor to the control it is possible to not only vary the fan coil unit's adjustment dynamics, but also manage the calls to external devices such as humidifiers and dehumidifiers.



Controllers and software for indoor hydronic units - EVO

## Electronic microprocessor control

### EVO



### Intuitive and user-friendly multi-purpose regulator

EVO encompasses the best of Galletti adjustment with regard to hydronic indoor units.

The EVO software, which was developed entirely by Galletti's Technical Department, consists of two distinct parts in two microprocessors. The first of these, resident on the power board, manages the monitoring of the parameters and the adjustment logics. The second part of the software, which is loaded on the user interface microprocessor, guarantees true communication, by means of which the installer and the user are guided in the configuration and use of the controller.

If on-board installation of the power board is requested, which is an option that is available for the majority of Galletti hydronic indoor units, during the wiring phase you just need to connect the user interface using a two-core shielded cable. This extraordinary simplicity cuts installation time and costs in half.

The EVO controller has been designed to govern the operation of Galletti indoor units with single-phase multispeed asynchronous motor or modulating speed EC motors. Specifically, its advanced technology makes it possible to establish control networks that are suited to meet any need, for automatic and intelligent management of the system's indoor units.

### PLUS

- » Considerable savings in the installation phase
- » User-friendly interface
- » RS485 and OC serial communication
- » Advanced de-humidifying function
- » Simultaneous control of 3 modulating devices
- » Advanced control of time schedules
- » LCD display or touch screen

#### Multi-interface control

EVO is characterized by the possibility of combining the power module with different types of interfaces, adopting each time the best solution for different installation needs.

If an interface is not required, the unit can be directly connected to one's smartphone using the Galletti app (after pre-configuring the circuit board).

#### Split solution

The separation between power elements and graphic interface is a very practical solution from the point of view of installation, with the advantage of supplying low voltage to the interface in contact with the user and using a single cable for both power supply and information exchange between the two devices. This considerably reduces the length and cost of the cables to be laid, thus avoiding any additional cost for the end user.

### ACCESSORIES

#### Electromechanical control panels

**IPM** Circuit board for connection of UTN 30-30A-40-40A to control panels.

#### Electronic microprocessor control panels with display

#### MCSUE

Humidity sensor for MY COMFORT (medium e large), EVO

#### MCSWE

Water sensor for MYCOMFORT and EVO controllers