

R10 series SENSORS



R10 HY Remote Humidity Sensor

- The sensor **automatically** switches ON/OFF the fan according to the detected level of relative humidity, **adjustable from 40 to 90%**.
- The permanent control of the humidity level offers important advantages: maximum comfort for the user and energy saving as the fan is activated only if necessary.
- Suitable for surface and built-in installation
- Ease of connection by the means of removable terminals
- Preset holes for surface or recessed cable entry
- **Max load 4 A**
- Single-phase 230V / 50-60 Hz
- Class II protection, no earth connection is needed
- **Provided with protection fuse**
- Weight: 0,5 Kg
- Dimensions 110x80x42 mm



- Surface or built-in installation
- Suitable for home automation systems



R10 P.I.R Remote Passive Infrared Sensor

- The fan goes on any time the sensor detects a human presence in the room
- **Provided with integral delay timer adjustable from 3 to 25 minutes**, which keeps the fan running for the pre-set period after the room is vacated
- **Ideal solution for public toilets**
- The green led indicates that the sensor is detecting
- Suitable for surface and built-in installation
- Ease of connection by means of removable terminals
- Preset holes for surface or recessed cable entry
- **Max load 4 A**
- Single-phase 117 - 230V / 50-60 Hz (different voltage upon request)
- Class II protection, no earth connection is needed
- **Provided with protection fuse**
- Weight: 0,5 Kg
- Dimensions 110x80x42 mm



CO₂ Sensor

- The fan automatically starts running when the sensor detects a CO₂ concentration included in a range from 500 to 2000 ppm
- Provided with 5 LED that indicate the level of CO₂ concentration in the air
- Voltage : 14 V - 48 V DC / 16 V - 36 V AC
- Ampere: Inom 0,02 / Imax 0,1
- Protection IP20
- Suitable for ambient temperature from 10°C to 40°C
- Dimensions (Lxpxh): 79x30x120 mm
- Weight 0,1 kg

ELECTRONIC CONTROLLERS



SPEED CONTROLLERS



R10

- Infinitely variable electronic speed controller by potentiometer
- New design with cover
- **Suitable for surface and built-in application**
- Ease of connection by the means of removable terminals
- External trimmer for the adjustment of the fan minimum speed
- Protection fuse
- Preset holes for surface and recessed cable entry
- Single-phase 230V – 50 Hz
- **Max. load 1A**
- Protection IP42
- Weight 0,5 Kg
- Dimensions 110x80x42



R15

- Infinitely variable electronic speed controller by potentiometer
- New design with cover
- ON/OFF light switch
- **Suitable for surface and built-in application**
- Ease of connection by the means of removable terminals
- External trimmer for the adjustment of the fan minimum speed
- Protection fuse
- Preset holes for surface and recessed cable entry
- Single-phase 230V – 50 Hz
- **Max. load 1,5 A**
- Protection IP42
- Weight 0,5 Kg
- Dimensions 138x80x42



RV1

- Electronic speed controller
- Infinitely variable speed control by potentiometer.
- ON/OFF switch
- IP42 protection
- **Max. load: 800 W (4A)**
- **Min. load: 400 W (1A)**
- Supply voltage: 230V-50 / 60 Hz
- Sizes: 110x100x58 mm
- Weight: 0,5 kg



R10 TIMER
Remote timer

- **Electronic timer, adjustable from 3 to 25 minutes**
- The fan to which it is connected will overrun after switch-off for the pre-set time.
- Time adjustment via external knob
- ON/OFF light switch
- New design with protection cover
- Suitable for surface and built-in installation
- Ease of connection by means of removable terminals
- Preset holes for surface or recessed cable entry
- **Max load 4 A**
- Single-phase 117-230V / 50-60 Hz
- Class II protection, no earth connection is needed
- **Provided with protection fuse**
- Weight: 0,5 Kg
- Dimensions 110x80x42 mm

CONTROLLERS WITH TRANSFORMER



SPEED CONTROLLERS



RLS
2 speeds

- **Speed control (Min/Max) and On/Off switch**
- New design with cover
- **Suitable for surface or built-in installation**
- Ease of connection by the means of removable terminals
- Protection IP42
- Weight 0,40 Kg
- Supply voltage 230V – 50/60 Hz
- Dimensions 110 x 80 x 42



RLS 3V
3 speeds

- **Remote 3 speed control (Min/Max) and On/Off switch**
- New design with cover
- **Suitable for surface or built-in installation**
- Ease of connection by the means of removable terminals
- Protection IP42
- Weight 0,40 Kg
- Supply voltage 230V – 50/60 Hz
- Dimensions 110 x 80 x 42



RVS
5 speeds

- **5 steps speed controller** (fitted with transformer)
- ON/OFF switch
- IP42 protection
- **Max. load: 100 W (0,5 A)**
- Supply voltage: 230V-50/60 Hz
- Sizes: 118 x 118 x 58 mm
- Weight: 0,7 kg



RVS/R
3 speeds

- **Reversible speed controller**
- ON/OFF switch
- IP42 protection
- **Max. load: 0,5A**
- Supply voltage: 230V-50/60 Hz
- Sizes: 118 x 118 x 58 mm
- Weight: 0,7 kg



RVS/R
5 speeds

- **Reversible speed controller**
- ON/OFF switch
- IP42 protection
- **Max. load: 0,5 A**
- Supply voltage: 230V-50/60 Hz
- Sizes: 118 x 118 x 58 mm
- Weight: 0,7 kg



RVS/R PLUS
6 speeds

- **Reversible multi controller**
- Regulation up to 5 pcs of VITRO 9 or 3 pcs of VITRO 12 contemporaneous.
- ON/OFF switch
- IP42 protection
- **Max. load: 1,5 A**
- Supply voltage: 230V-50/60 Hz
- Sizes: 158 x 118 x 76 mm
- Weight: 1,8 kg



RLS 1 WR

- **Remote controller**
- Manual selection of three modality of continuous running:
 - I - Low ventilation modality
 - II - Intermediate ventilation modality
 - III - Intensive ventilation modality
- Weight 0,50 Kg
- Dimensions 75 x 75 x 30
- **Supplied with REC in linea EC**
- **140 - 180 - 220 / REC 320**

CONTROLLERS



CONTROLLERS WITH TRANSFORMER



SPEED CONTROLLERS



TOUCH PANEL

Touch panel controller with coloured screen

The panel allows to manually or automatically activate (through the weekly programming) the following functions:

- Speed/ventilation level regulation
- Ventilation modality (by-pass function, free-cooling, only extraction, only immission)
- Threshold humidity level over which the unit increases its speed
- Post-ventilation function (Timer function, adjustable from 0 to 30 minutes) to delay the switching of the unit at the minimum speed)
- Sleep modality that allow to have the unit running silently at low speed during the night

Supplied with

- REC in linea TC 140 - 180 - 220,
- REC 320 Plus TC
- REC Smart + TC



REMOTE CONTROLLER

Remote radio controller to activate the following functions (Radio frequency 433 MHz)

Through the remote radio controller it is possible to activate the following functions:

- On/Off
- Speed/ventilation level regulation
- Sleep modality that allow to have the unit running silently at low speed during the night (the boost function is excluded)
- Post-ventilation function (Timer function, adjustable from 0 to 30 minutes) to delay the switching of the unit at the minimum speed

Supplied with

- REC Smart + RC



REMOTE CONTROLLER

Remote radio controller to activate the following functions (Radio frequency 433 MHz)

0 - On/off

1 - Push-pull operation modality

24 hours reverse flow running at the selected speed

2 - Speed 1 - Low speed set up

3 - Speed 2 - Low speed set up

4 - Boost speed with timer (extraction mode only)

5 - Sleep mode the operation at low speed is frozen for 8 hours to ensure high acoustic comfort during the night. The function can be unblocked at any time by pressing any button (except button 0).

6 - Flow control operation in intake or extract mode only.

Press once: extraction mode

Press twice: intake mode

7 - Free-cooling mode: air exchange without heat recovery

No reverse flow. Press once: the reverse flow stops and the fans go on running at the current flow. Press twice: all fans reverse their flow and go on running at the new selected flow.

Supplied with REC DUO 100 Plus RC

E-VSD



VARIABLE SPEED DRIVE

Controller that continuously adapts the electrical power supplied to the motor in order to regulate the ow rate through the control panel interface **CP-RH** or **CP-AQS**

CHARACTERISTICS

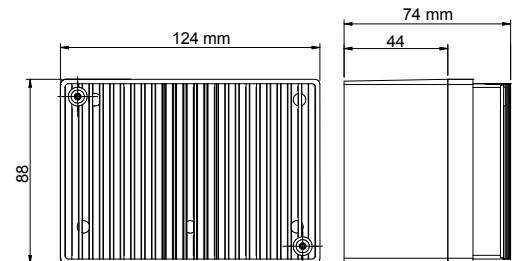
Supply: 220 - 240 Vac ; 50/60Hz.

Maxim un Power: 300 W

W a terproof: IPX4

Main materials: Aluminium cover

Selfestingishing casing (UL - 5VA) for surface mounting installation



CONTROL PANEL



CP-RH



CP-AQS

CHARACTERISTICS

Control panel:

Measures a set of (control) parameters representative of the ventilation demand / quality of the indoor air.

Interface with E-VSD controller.

FUNCTION:	CP-RH	CP-AQS
Temperature control	●	●
Relative humidity detection	●	●
Air quality control		●
Continuous Speed Regulation	●	●

