



ED-RU-H

External room unit

ED-RU-H is an external room unit intended for control of an air handling unit via a Corrigo controller running a ventilation application. It can also be used together with EXOcompact and EXOflex.

- Hidden setpoint
- Adjustable temperature
- Stylish design suitable for all environments

ED-RU-H is connected to a Corrigo with two ports. Port 2 is used for the room unit and can be used together with expansion units. The room unit enables adjusting the setpoint displacement of the air handling unit. The room unit can also be used together with EXOcompact and EXOflex. If so, the unit must first be configured by a competent system integrator using Project Builder.

For more information on Corrigo, EXOflex and EXOcompact, see the respective product sheet for each controller.

Simple wiring

ED-RU-H is connected to the same supply voltage as the controller (G and G0). Communication takes place via EXOline and is connected to port 2, A and B.

ED-RU-H is capable of communicating with a controller over a range of up to 300 meters.

Sensor

The room unit has a built-in temperature sensor. An external PT1000-sensor can also be connected to the Corrigo if the built-in sensor is not to be used.

Handling

ED-RU-H has hidden setpoint, which is useful for instance in buildings where unauthorised adjustment of the setpoint is to be avoided. This means there are no controls on the front of the room unit. Instead, the setpoint is adjusted on the back of the electronics cassette using a small screwdriver.

- Range of up to 300 m
- Built-in room sensor

Setpoint adjustment

The maximum permissible adjustment of the setpoint can be configured using the software E tool[®] (factory setting $\pm 3^{\circ}\text{C}$).

Depending on the control mode of the Corrigo, the setpoint knob will adjust the actual setpoint. In control mode constant supply air control, the supply air setpoint will be adjusted. In room cascade, the room setpoint will be adjusted. If the control mode is extract air cascade, the extract air setpoint will be adjusted.

Simple configuration using E tool[®]



E tool[®] is a PC-based program that makes it possible to configure and supervise the settings of a controller via a comprehensive user interface.

E tool[®] can be used to configure the following options for ED-RU-H:

- Configurable setpoint adjustment (min./max.)
- View/apply setpoint adjustment

E tool[®] can be downloaded free of charge from Regin's website www.regin.se.

Technical data

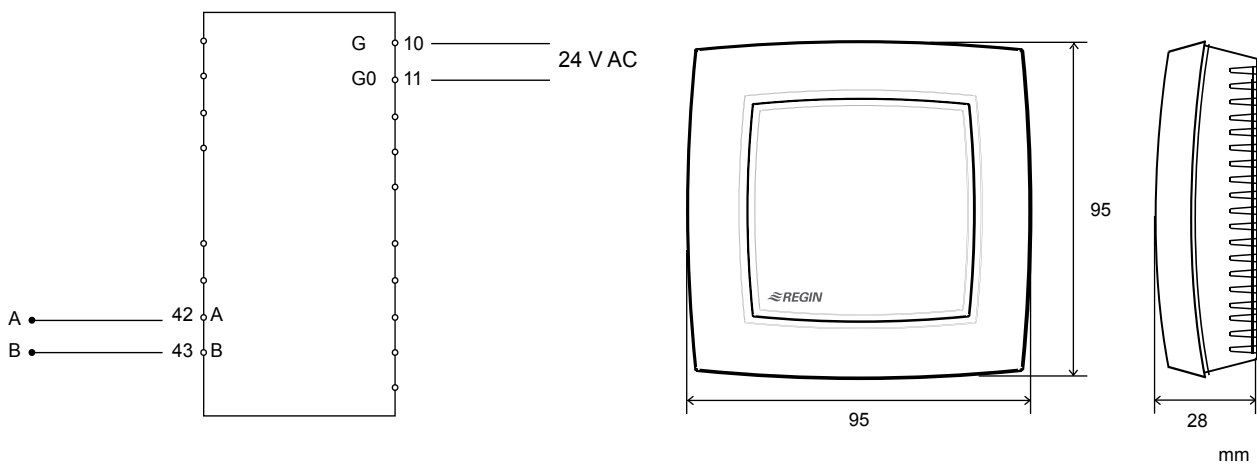
Supply voltage	24 V AC
Power consumption	25 mA
Protection class	IP20
Ambient humidity	Max. 90 % RH
Ambient temperature	0...50°C
Storage temperature	-20...+70°C
Mounting	On wall or device box
Dimensions (WxHxD)	95 x 95 x 28 mm
Communication	EXOline



EMC emissions & immunity standards: This product conforms to the requirements of the EMC Directive 2004/108/EC through product standards EN 61000-6-1 and EN 61000-6-3.

RoHS: This product conforms to the Directive 2011/65/EU of the European Parliament and of the Council.

Wiring and dimensions



Product documentation

Document	Type
ED-RU-H_inst	Instruction for ED-RU-H
ED-RU manual for EXOcompact and EXOflex	Manual containing configuration instructions for when ED-RU is used with EXOcompact and EXOflex

The instruction can be downloaded from www.regin.se.

The manual can be downloaded from Regin's FTP server. It is intended for our system customers who need to share files with us, e.g. at technical support. Contact one of our sales engineers to get access to the FTP server.