



## Wireless Control Unit EW41

The EW41 unit is designed to control the draught in fireplace or stove systems using solid fuel.

The EW41 control unit can start and stop the exodraft chimney fan and regulate the speed.

When the fireplace is cold, the chimney fan switches off automatically to prevent heat from being sucked out of the house.

The EW41 starts up the chimney fan to boost the draught for 7 minutes.

The operating panel monitors the chimney draught and triggers an alarm if:

- the service/isolation switch is turned off
- the power to the chimney fan fails
- there is no connection to the control box
- the risk of a chimney fire arises because the chimney temperature gets too high

The EW41 uses radio waves (Z-waves) for communication. This offers a unique level of operating safety and reliability, as all commands are confirmed. The signal is not

susceptible to interference from outside units.

### Features

- Temperature sensor that monitors the automatic operation of the system
- Boost function to boost the draught
- EW41 uses radio waves (Z-waves)
- EW41 has a range of 10 meters inside the building

### Additional options

- Repeater unit for increased radio transmission
- Additional display panel
- Adapter for the control panel

## Technical data



**EW41 Control Panel**



**EW41 Power Unit**



**EW41 Temperature Sensor**

| Description                 | EW41<br>Control panel | EW41<br>Power unit       | EW41<br>Temperature sensor                                  |
|-----------------------------|-----------------------|--------------------------|-------------------------------------------------------------|
| Dimensions mm H x W x D     | 100 x 130 x 34        | 122 x 120 x 55           |                                                             |
| Voltage                     |                       | 230 V $\pm$ 10 % / 50 Hz |                                                             |
| IP rating                   | IP20                  | IP64                     |                                                             |
| Material                    | ABS                   | ABS                      | Glass / Stainless steel                                     |
| Ambient temperature         | 0 °C to 40 °C         | -30 °C to 60 °C          | Sensor element: -50 °C to 450 °C<br>Cable: -50 °C to 125 °C |
| Batteries                   | 4 AA (LR6)            |                          |                                                             |
| Battery lifetime            | Approx. 1 year        |                          |                                                             |
| Fuse                        |                       | T 2,0 A                  |                                                             |
| Max current out             |                       | 2 A                      |                                                             |
| Power Consumption (standby) |                       | 1 W                      |                                                             |
| Type                        |                       |                          | PT 1000                                                     |