






N°	Name	Picture	Usage
SENSORS			
1	Thermal probe PT1000		Sensor with analogue output: - ERO-32AP-0
2	Thermostat TERMO		Switching the steering devices on and off: - Hot Air Ventilators AN - Hot Air Ventilators AN-II - Hot Air Ventilators ANeco-II
3	Thermostat TERMO-ARTHO97		Sensor with digital (bistable) output: - ERO-32AP-0
REMOTE CONTROL FOR MOTOR SPEED CONTROLLERS			
4	Remote control PRO		Remote control for motor speed controllers: - ERO-32WS-0 The remote control cooperates with smart building system elements offered by BleBox.
ELECTRONIC CONTROL CABINET			
5	Electronic control cabinet ESR-03W-0 ESR-04W-0 ESR-06W-0 ESR-08W-0 ESR-12W-0 ESR-24W-0 ESR-36W-0 ESR-54W-0 ESR-72W-0		Modular cabinets for motor speed controllers: - ERO-32MS-0 - ERO-32WS-0



1. THERMAL PROBE PT1000



PT1000 is a thermal probe designed for temperature measurement of hot air inside the fireplace hood.

Usage:

Probe with analogue output, compatible with following controllers:

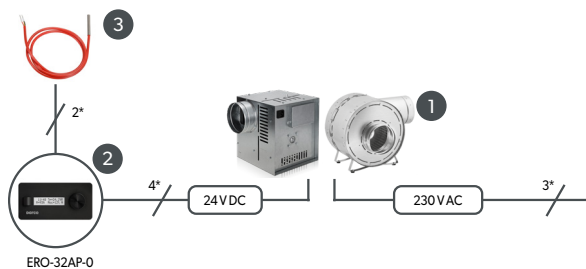
- ERO-32-AP-0

Product code	Range of temperature measured [°C]	Cable length [m]
PT1000	-50 ÷ 200	1

PT1000

temperature probe

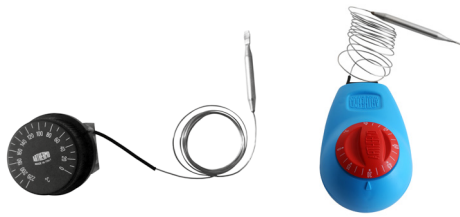
Connecting diagram for motor speed controllers ERO-32AP-0



N°	Name
1	Hot Air Ventilator AN-II, ANeco-II
2	Electronic motor speed controller
3	Thermal probe PT1000

* number of wires in the cable

2. THERMOSTAT TERMO, TERMO-ARTH097



TERMO

TERMO-ARTH097

Thermostats are sensors used to switch the controlled devices on and off according to temperature set by the user. They may also be used as sensors with digital output, that may be connected with ERO-32AP-0 type controllers (operating modes: fixed sensor mode, zonal sensor mode).

Usage:

Switching controlled devices on and off:

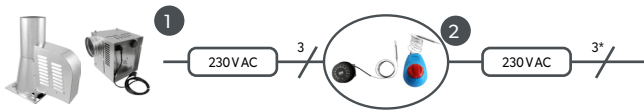
- Hot air ventilators AN, AN-II, ANeco-II
- Draught Generator GCK

Thermostat with digital (bistable) output for controllers:

- ERO-32AP-0

Product code	Adjustment range [°C]	Capillary length [m]
TEERMO	0 + 220	1.5
TERMO-ARTH097	0 + 90	

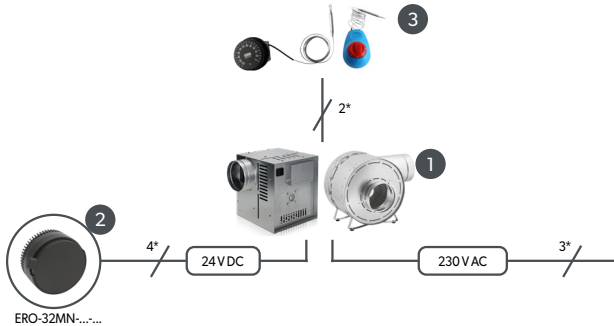
Connecting diagram for Hot Air Ventilator AN and Draught Generator GCK



N°	Name
1	Hot Air Ventilator AN, Draught Generator GCK
2	Thermostat

* number of wires in the cable

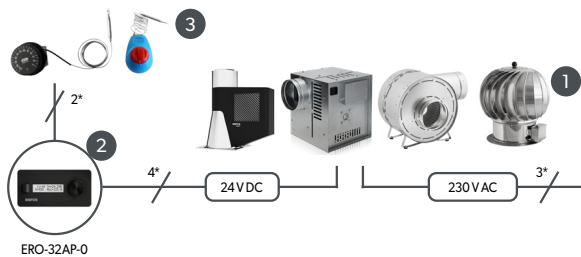
Connecting diagram for Hot Air Ventilator AN-II, ANeco-II



N°	Name
1	Hot Air Ventilator AN-II, ANeco-II
2	Electronic motor speed controller
3	Thermostat

* number of wires in the cable

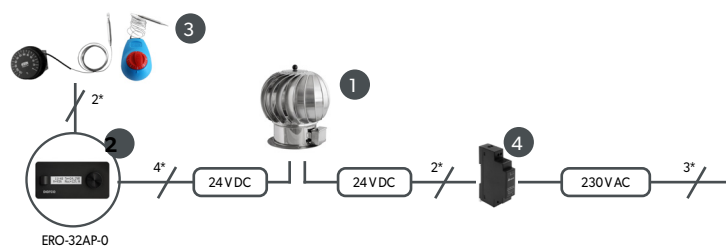
Connecting diagram for Hot Air Ventilator AN-II, ANeco-II, Draught Generator GCKV, Hybrid Turbowent ø400÷500



N°	Name
1	Hot Air Ventilator AN-II, ANeco-II, Draught Generator GCKV, Hybrid Turbowent ø400÷500
2	Electronic motor speed controller
3	Thermostat

* number of wires in the cable

Connecting diagram for Hybrid Turbowent ø150÷350



N°	Name
1	Hybrid Turbowent ø150÷350
2	Electronic motor speed controller
3	Thermostat
4	Electronic power supply

* number of wires in the cable

3. PRO REMOTE CONTROL



PRO-type remote controls are intended to replace mobile phone, tablet or PC computer in communication with the ERO-32WS-0 controller. It allows to increase and decrease rotating speed of the controlled device in a simple way. Also various different functions may be assigned to remote control buttons, i.e.:

- Incremental increase of rotating speed
- Setting a fixed value of rotating speed
- Switching the controlled device on and off

Usage:

Remote control for controllers

- ERO-32WS-0

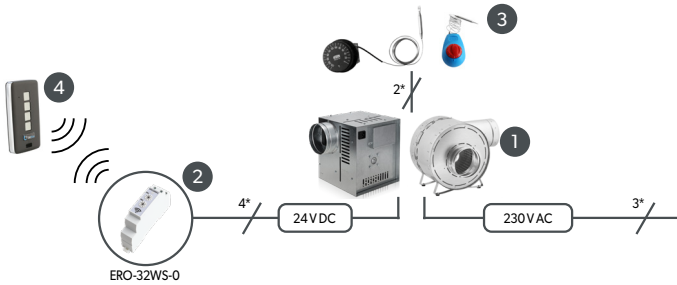
PRO - ...
 color (B- white, C- black)
 WiFi remote control

Product code	Transmission [GHz]	Power supply	Charging
PRO	2.4	lithium polymer battery	standard micro USB charger

Remote control is compatible with smart building solutions offered by the company BleBox.



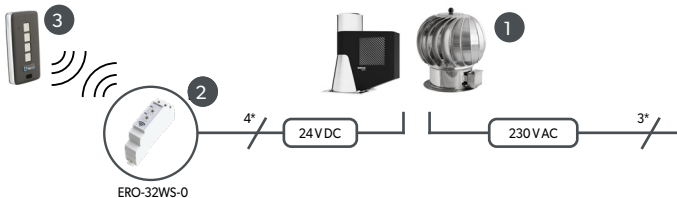
Connecting diagram for Hot Air Ventilators AN-II, ANeco-II



N°	Name
1	Hot Air Ventilators AN-II, ANeco-II
2	Electronic motor speed controller WiFi
3	Sensor (as option)
4	Remote control (as option)
5	wBox steering application

* number of wires in the cable

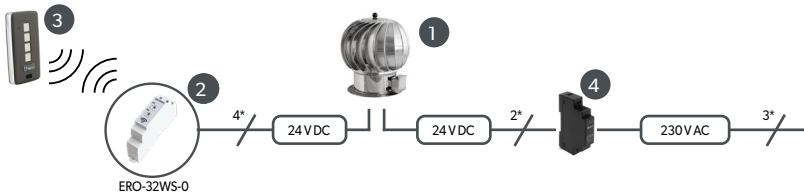
Connecting diagram for Draught Generator GCKV and Hybrid Turbowent ø400÷500



N°	Name
1	Draught Generator GCKV, Hybrid Turbowent ø400÷500
2	Electronic motor speed controller WiFi
3	Remote control (as option)
4	wBox steering application

* number of wires in the cable

Connecting diagram for Hybrid Turbowent ø150÷350



N°	Name
1	Hybrid Turbowent ø150÷350
2	Electronic motor speed controller WiFi
3	Remote control (as option)
4	Electronic power supply
5	wBox steering application

* number of wires in the cable

4. ELECTRONIC CONTROL CABINET ESR W-O



Modular control cabinets are used to gather larger number of ERO-32-MS-0 and/or ERO-32WS-0 controllers.

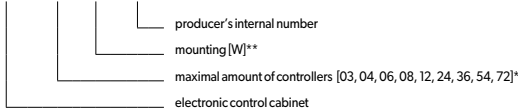
CAUTION! In cases where group of Hybrid Turbowents consumes power not exceeding 60W in total, it is allowed to install one EZN type power supply inside the cabinet.

Usage:

Cabinets for controllers:

- ERO-32MS-0
- ERO-32WS-0

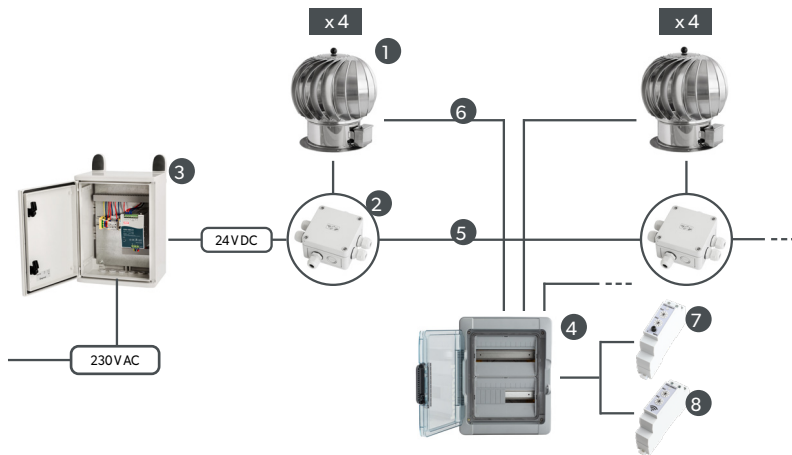
ESR - ... W - O



* 04 - 4 controllers
 ** W - on surface, inside buildings

Product code	Maximal amount of controllers	Dimensions	Mounting
ESR-03W-0	3 controllers	174x 93x 109	on surface inside buildings
ESR-04W-0	4 controllers	128 x 200 x 115.6	
ESR-06W-0	6 controllers	200 x 164 x 115.6	
ESR-08W-0	8 controllers	200 x 200 x 115.6	
ESR-12W-0	12 controllers	340 x 282 x 141	
ESR-24W-0	24 controllers	340 x 432 x 161	
ESR-36W-0	36 controllers	340 x 622 x 161	
ESR-54W-0	54 controllers	448 x 622 x 161	
ESR-72W-0	72 controllers	448 x 822 x 161	

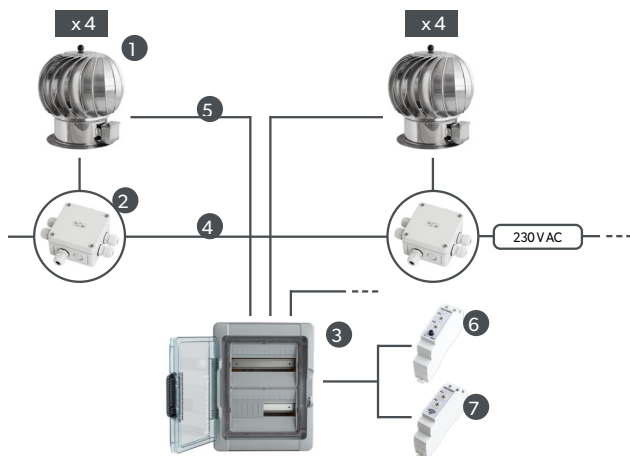
Connecting diagram for Hybrid Turbowent ø150÷350



N°	Name
1	Hybrid Turbowent ø150÷350
2	Electronic power divider
3	Electronic power supply cabinet
4	Electronic control cabinet
5	Cable cord type 2x[from 0.75 mm to 2.5 mm] ²⁾ (OMY/OWY 2x1.5") ¹⁾
6	Cable cord type 4x 0.5 mm max: 50 mm (OMY/OWY 4x0.5") ¹⁾
7	Manual motor speed controller on TS-35 rail mounted (ERO-32MS)
8	Wi-Fi controller on rail TS-35 (ERO-32WS)

¹⁾ it is necessary to protect cables from influence of UV light
²⁾ length of cables needs to be checked by means of the „cable and power calculator“ software - the application is available upon request by contacting DARCO technical assistance: darco@darco.pl

Connecting diagram for Hybrid Turbowent ø400÷500



N°	Name
1	Hybrid Turbowent ø400÷500
2	Any electrical box meeting the legal requirements
3	Electronic control cabinet
4	Cable cord type 2x[from 0.75 mm to 2.5 mm] ²⁾ (OMY/OWY 2x1.5") ¹⁾
5	Cable cord type 4x 0.5 mm max: 50 mm (OMY/OWY 4x0.5") ¹⁾
6	Manual motor speed controller on TS-35 rail mounted (ERO-32MS)
7	Wi-Fi controller on rail TS-35 (ERO-32WS)

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