









**Electronic motor speed controllers ERO**

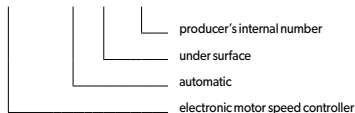
N°	Name	Picture	Mounting	Compatible with
<b>AUTOMATIC CONTROLLERS</b>				
1	Electronic motor speed controller ERO-32AP-0		Under surface	Hot Air Ventilators*: - AN1-II - AN2-II - AN3-II - ANeco1-II - ANeco2-II - ANeco3-II  Draught Generators: - GCKV150 - GCKV200  Hybrid Turbowents: - TH150-T - TH150 - TH200 - THP200 - THP250 - THP300 - THP350 - THP400
<b>MANUAL CONTROLLERS</b>				
2	Electronic motor speed controller ERO-31MW-0		Mounted in the cowl	Hybrid Turbowents: - TH150-T - TH150 - TH200 - THP200 - THP250 - THP300 - THP350 - THP400
3	Electronic motor speed controller ERO-32MN-1		On surface and under surface	Hot Air Ventilators*: - AN1-II - AN2-II - AN3-II - ANeco1-II - ANeco2-II - ANeco3-II  Draught Generators: - GCKV150 - GCKV200  Hybrid Turbowents: - TH150-T - TH150 - TH200 - THP200 - THP250 - THP300 - THP350 - THP400
4	Electronic motor speed controller ERO-32MN-2		On surface and under surface	
5	Electronic motor speed controller ERO-32MS-0		On TS-35 rail	
<b>WIFI CONTROLLERS</b>				
6	Electronic motor speed controller ERO-32WS-0		On TS-35 rail	Hot Air Ventilators*: - AN1-II - AN2-II - AN3-II - ANeco1-II - ANeco2-II - ANeco3-II  Draught Generators: - GCKV150 - GCKV200  Hybrid Turbowents: - TH150-T - TH150 - TH200 - THP200 - THP250 - THP300 - THP350 - THP400  The controller cooperates with smart building system elements offered by BleBox. 
7	Electronic motor speed controller ERO-98SW-0		In the connector of the controlled device	Hot Air Ventilators*: - AN1-II - AN2-II - AN3-II - ANeco1-II - ANeco2-II - ANeco3-II  Draught Generators: - GCKV150 - GCKV200

\* Hot Air Ventilators II generation

**1. ELECTRONIC MOTOR SPEED CONTROLLER ERO-32AP-0**



**ERO-32 A P - 0**



Automatic motor speed controller can operate in following modes:

- Sensor mode: in which motor speed of the controlled device depends on temperature detected by the PT1000 thermal probe (the probe is an external element, that may be placed e.g. in the fireplace hood).
- Fixed mode: in which motor speed of the device remains constant.
- Zonal mode: in which motor speed of the controlled device depends on time zones defined by the user. Individual zones can be adjusted on a weekly basis, divided into: working days, Saturdays and Sundays. Four independent time zones can be set for each day.
- Fixed sensor mode: similar to fixed mode with the difference that controlled device is switched on/off basing on the status of the bistable sensor (measuring given physical parameter).
- Zonal sensor mode: similar to zonal mode with the difference that controlled device is switched on/off basing on the status of the bistable sensor (measuring given physical parameter).

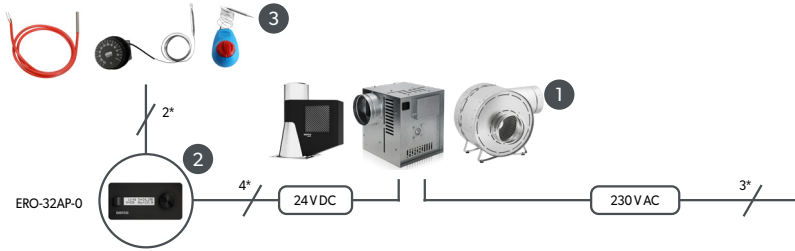
Controllers are equipped with two line alphanumeric display, allowing user to modify the parameters in convenient way.

Product code	Mounting	Voltage [V DC]	Nominal power* [W]	Max current [mA]
ERO-32AP-0	under surface	20 - 24	0.6	40

\* power consumption in stand by mode: 0.3 [W]

**Usage:**  
Hot Air Ventilators AN-II, ANeco-II, Hybrid Turbowents, Draught Generators GCKV

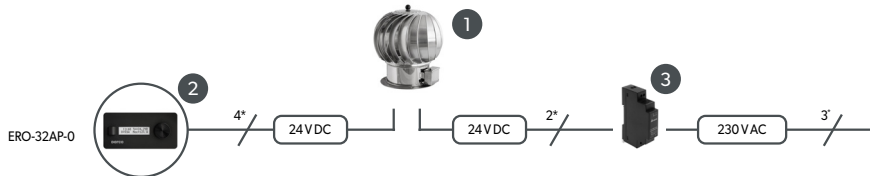
**Connecting diagram for hot air ventilators AN-II, ANeco-II and Draught Generator GCKV**



N°	Name
1	Hot Air Ventilator AN-II, ANeco-II, Draught Generator GCKV
2	Electronic motor speed controller ERO-32AP-0
3	Sensor (as option)

\* number of wires in the cable

**Connecting diagram for Hybrid Turbowents ø150-400**



N°	Name
1	Hybrid Turbowent ø150-400
2	Electronic motor speed controller ERO-32AP-0
3	Electronic power supply

\* number of wires in the cable

**2. ELECTRONIC MOTOR SPEED CONTROLLERS**



**ERO-32MN-1...\***



**ERO-32MN-2...\***



**ERO-31MW-0**



**ERO-32MS-0**



**ERO-98SW-0**

Manual motor speed controllers maintain constant motor speed set by the user. Their status is signalled with a bicolour diode (LED lighting), which may inform i.e. about:

- type of controlled device,
- correct or incorrect rotation speed of the controlled device,
- damage to the controlled device or to the controller itself.

Type of controlled device is to be selected with the usage of two code switches installed on back side of the controller.

Product code	Mounting version	Voltage [V DC]	Nominal power [W]	Max current [mA]	Color
ERO-32MN-1...	on surface and under surface*	20 - 24	0.6	40	black / white
ERO-32MN-2...	on surface and under surface*	20 - 24	0.6	40	black / white
ERO-31MW-0	in the cowl steering box	20 - 24	0.3	30	-
ERO-32MS-0	on TS-35 rail	20 - 24	0.3	30	-
ERO-98SW-0**	in the controlled device	20 - 24	0,1	2	-

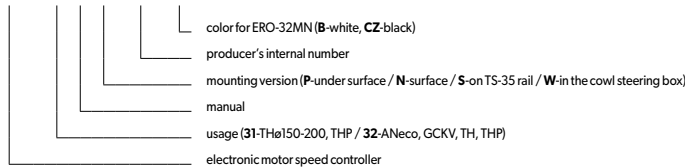
\*1) Controllers delivered for on-surface mounting, dismantling the rear cover enables under surface mounting

**Usage:**

Hot Air Ventilators AN-II, ANeco-II, Hybrid Turbowents, Draught Generators GCKV

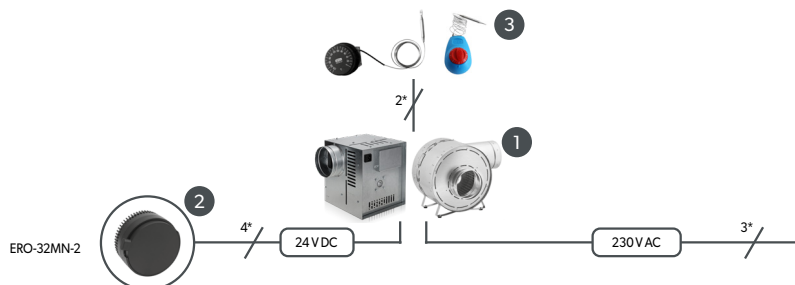
\*\*1) is used as a maximum speed transmitter only for device types AN-II, ANeco-II and GCKV

**ERO-...M...-X-...\***



\*1) for ex. ERO-32MN-1-B, ERO-32MN-2-CZ, for other regulators there is no color option for ex. ERO-31MW-0

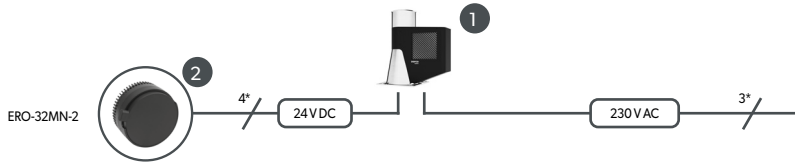
**Connecting diagram for hot air ventilators AN-II, ANeco-II**



N°	Name
1	Hot Air Ventilator AN-II, ANeco-II
2	Electronic motor speed controller
3	Sensor (as option)

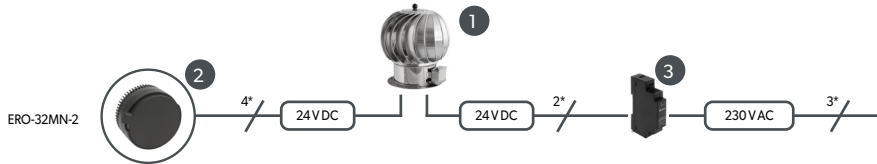
\* number of wires in the cable

**Connecting diagram for Draught Generators GCKV**



N°	Name
1	Draught Generator GCKV
2	Electronic motor speed controller
*	number of wires in the cable

**Connecting diagram for Hybrid Turbowents ø150-400**



N°	Name
1	Hybrid Turbowent ø150-400
2	Electronic motor speed controller
3	Electronic power supply
*	number of wires in the cable

**3. ELECTRONIC MOTOR SPEED CONTROLLER ERO-32WS-0**

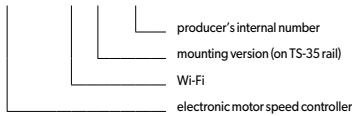


These type of motor speed controllers are equipped with Wi-Fi module. They can operate in two modes:

- Fixed mode: in which motor speed of the controlled device remains constant.
- Zonal mode: in which motor speed of the controlled device depends on time schedule defined by the user.

Controllers may be operated with the usage of a special application (BleBox) available for mobile phones and tablets (Android, iOS).

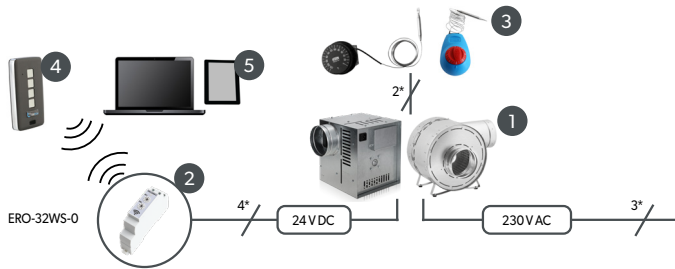
**ERO-32 W S - 0**



Product code	Mounting	Voltage [V DC]	Nominal power [W]	Max current [mA]	Transmission [GHz]
ERO-32WS-0	on TS-35 rail	20-24	1	50	2.4

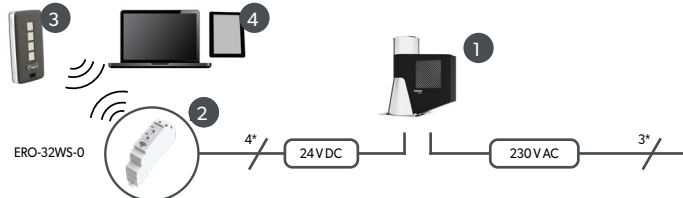
**Usage:**  
Hot Air Ventilators AN-II, ANeco-II, Hybrid Turbowents, Draught Generators GCKV

**Connecting diagram for hot air ventilators AN-II, ANeco-II**



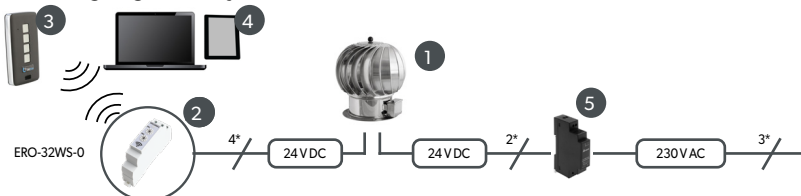
N°	Name
1	Hot Air Ventilator AN-II, ANeco-II
2	Electronic motor speed controller
3	Sensor (as option)
4	Remote control (as option)
5	Laptop/tablet/smart phone
*	number of wires in the cable

**Connecting diagram for Draught Generators GCKV**



N°	Name
1	Draught Generator GCKV
2	Electronic motor speed controller
3	Remote control (as option)
4	Laptop/tablet/smart phone
*	number of wires in the cable

**Connecting diagram for Hybrid Turbowents ø150-400**



N°	Name
1	Hybrid Turbowent ø150-400
2	Electronic motor speed controller
3	Remote control (as option)
4	Laptop/tablet/smart phone
5	Electronic power supply
*	number of wires in the cable