

CONTROLLER FOR AIR UNITS **STAVOKLIMA**

Installation manual

model **OE&OET**


EN



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Explanation of symbols used

	Instructions for mechanical repairs and maintenance.		Important safety information, technical information, data and device output.
	Important electric information - read carefully - unit damage hazard in case of wrong installation.		Important information - please read carefully.

2. Safety measures

The controller has been manufactured in line with the government decrees and Czech standards harmonized with the EU regulations mentioned in the manufacturer's declaration of conformity.

The above mentioned product complies with the following standards:

ČSN EN 60335-1 ed.3 ČSN EN 60335-2-30 ed. 3
 ČSN EN IEC 61000-6-2 ed. 4 ČSN EN 61000-6-3 ed. 2

The above mentioned product complies with the following directives:

- Directive 2009/125/EC of the European Parliament and of the Council establishing a framework for the setting of eco-design requirements for energy-related products.
- Government Decree No. 118/2016 Coll. Directive 2014/35/EU of the European Parliament and of the Council on the harmonisation of the laws of the Member States relating to the making available on the market of electrical equipment designed for use within certain voltage limits.
- Government Decree No. 117/2016 Coll. Directive 2014/30/EU of the European Parliament and of the Council on the harmonisation of the laws of the Member States relating to electromagnetic compatibility.
- Government Decree No. 481/2012 Coll. (Regulation of the European Parliament and of the Council No. 2014/35/EU, Regulation of the European Parliament and of the Council No. 2011/65/EU).
- Government Decree on restriction the use of some hazardous materials found in electrical and electronic products.

Observe generally applicable national provisions and other related regulations. Unplug the unit from mains before any service intervention. Connection and earthing of the electric device or components thereof must be in line with laws applicable in the country of use. Only qualified staff may carry out any electric service works.



Observe applicable laws, in particular:

- on safety of electric and thermal appliances,
- on central heat distribution systems,
- on fire safety.

3. Description of the controller

- The controller with continuous control of EC fan revolutions with integrated 10V power source for Stavoklima units,
- 0-10V signal control,
- **OE** designed for devices with 1x230VAC fans,
- **OET** designed for devices with 3x400VAC fans,
- electric components for unit control including accessories located in a plastic cabinet,
- fitted with circuit breakers and performance components,
- ready for possible connection of a spatial thermostat,
- the "FAILURE (TK)" fan contacts can be connected using the multi-functional input,
- built-in electrical fuse.

The **OE** or **OET** series controllers allow for connection of multiple units. The number of the units connected to the controller is 3 (power part up to 10A).

Type of control	OE	OET
Unit power supply	1x230V	3x400V
Control signal	0-10V	
Revolutions control	0-100%	
IP rating	IP 40	
Operation temperature	10-35°C	
For max unit current	10A	
Max control output current	5mA	
Dimensions (w x h x d)	230x180x90	



4. Functions of the controller

- Turning on the switch – audible clicking heard.
- Continuous switch control – fan speed 0-100%.

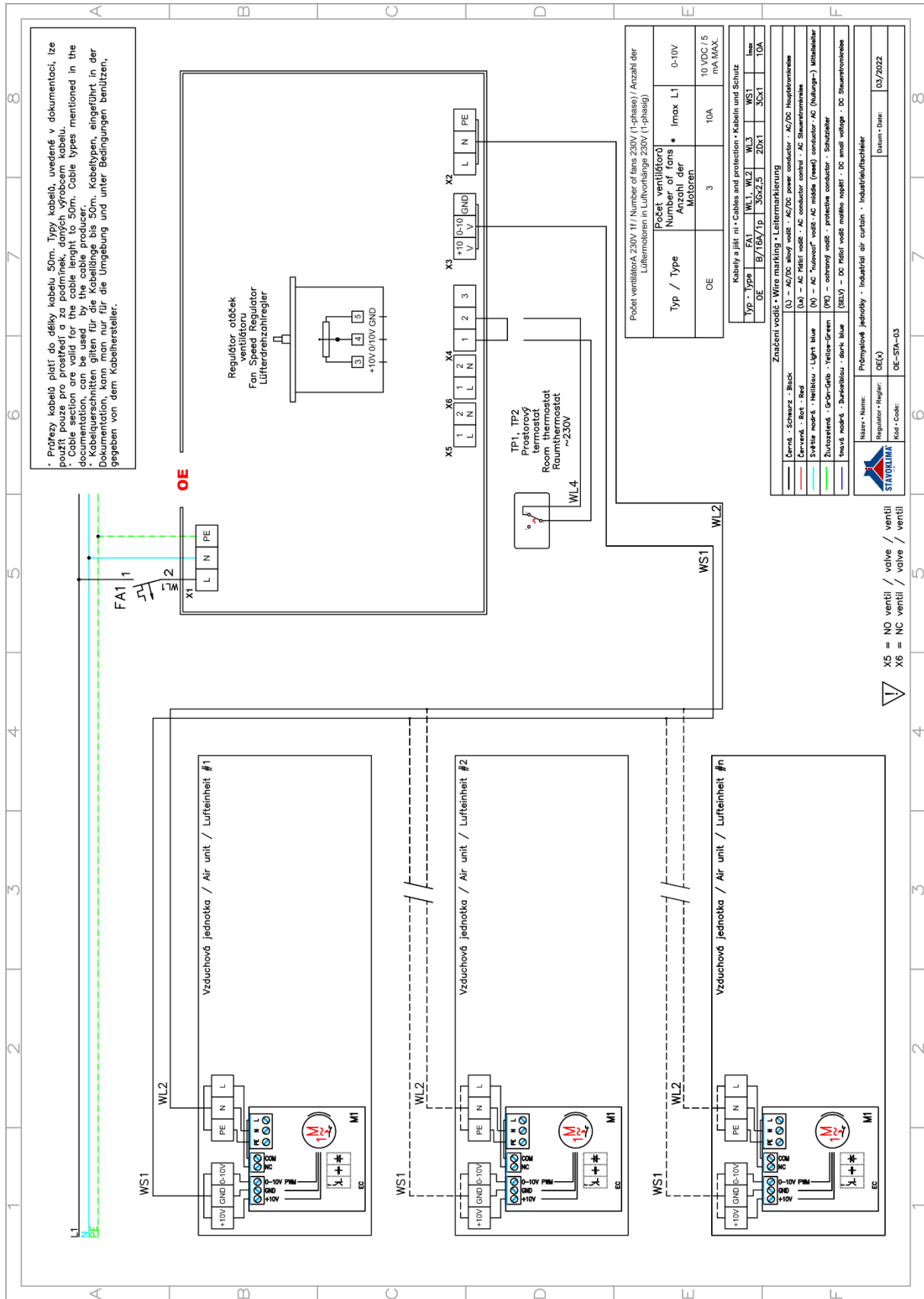
5. Operation of the controller

- If you can hear audible clicking of the switch, the device is on.
- Set up the required fan revolution speed using the “0-100%” speed switch.
- To turn the device off, set the switch to default position.
- In the event of a sudden power failure, the unit will restart in the mode set on the controller when power is restored.
- Max surrounding temperature 35 °C.

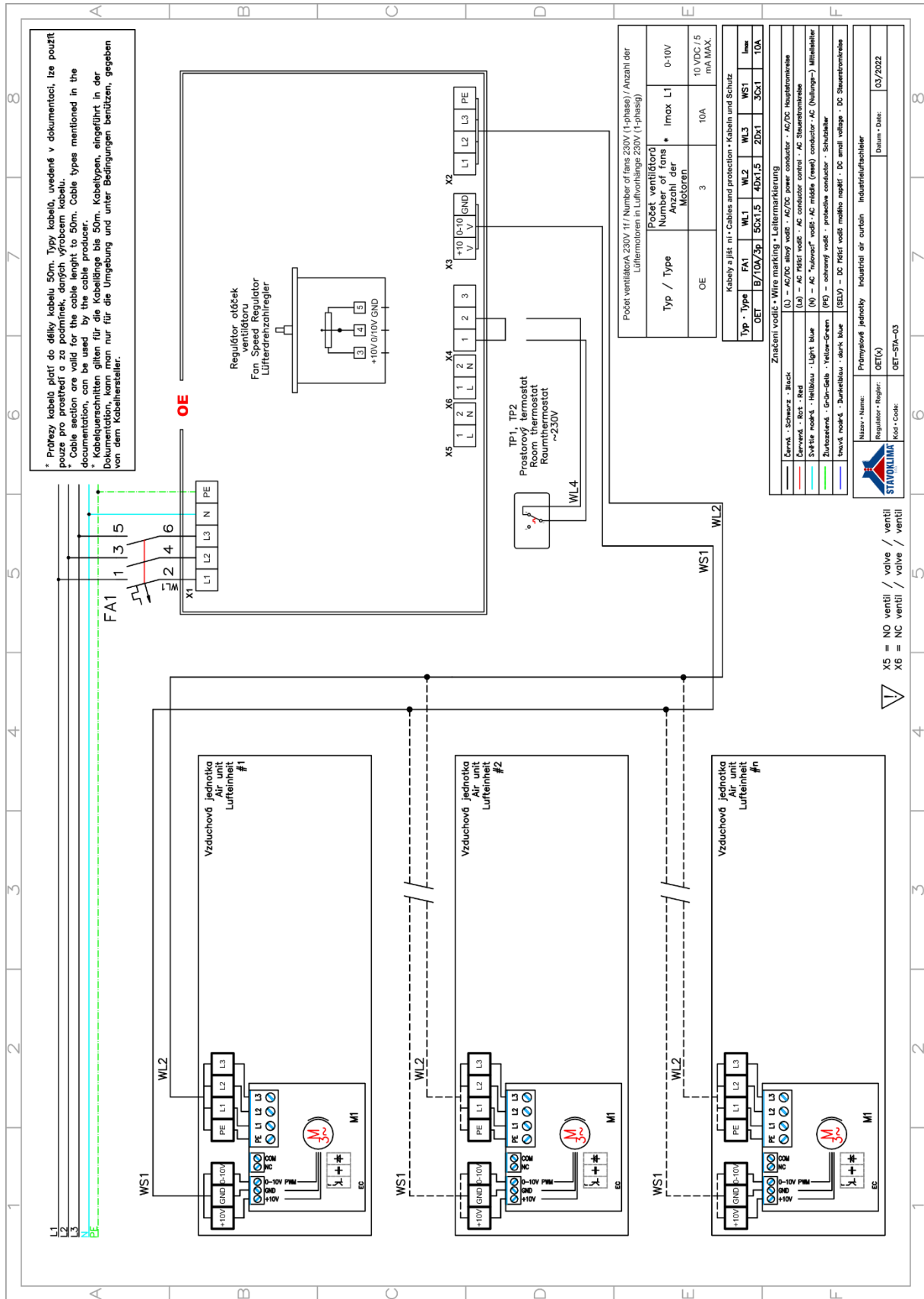


Before any work with the unit, disconnect the electric power by the main button on the controller. Electric shock hazard!

6. OE controller connection scheme



7. OET controller connection scheme



8. Decommissioning – disposal



After the expiration of the service life, the controller must be disassembled and disposed of. Only qualified company may disassemble the device. The product or components thereof must be disposed in environmentally-friendly manner at the end of its service life.

The components of the unit must be separated and sorted out by type of material for disposal. Dispose of the metal and plastic components at your local collection yard. The transport packaging of the product is made of common recyclable material (paper, polyethylene, wood) and is labelled as such according to ČSN 77 0052-2.

As far as disposal is concerned, it is operator's responsibility to comply with applicable national provisions in the country of use. In addition, follow regulations and laws of your country applicable to waste disposal. Separated collection and recycling of the products may help to protect environment and human health.



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