

***Qoltec***<sup>®</sup>



## **SAFETY WARNINGS FOR USE 12V FANS**

The following list of safety warnings has been compiled in accordance with the requirements of the General Product Safety Regulation (EU) 2023/988 (GPSR). Its purpose is to protect users from potential hazards arising from the misuse of products. The warnings have been formulated in a simple and understandable way to be accessible to a wide audience, including the elderly and people with reduced mobility.

The 12V fans offered by manufacturer NTEC sp. z o.o. are CE certified, which proves their compliance with EU safety standards.

Use 12V fans in accordance with their intended use and the manufacturer's recommendations.

### **BASIC HAZARDS AND PRECAUTIONS**

#### **1. Mechanical risks:**

- Before installation, make sure the computer is unplugged to avoid accidentally starting the fans.
- When assembling or dismantling the fan, avoid contact with the sharp edges of the blades to prevent injury.

#### **2. Risk of overheating:**

- Ensure that the fans are properly mounted and configured to ensure proper airflow in the enclosure.
- Regularly clean the fans of dust, which can reduce their efficiency and lead to overheating.

#### **3. Risks associated with improper installation:**

- Only use compatible fans that are compatible with the dimensions and specifications of the case and the connectors on the motherboard or controller.
- Ensure that all fixing screws are tightened to prevent vibration or instability.

### **SPECIFIC HAZARDS OF USE**

#### **4. Risks during installation:**

- Install fans according to the manufacturer's instructions to ensure the correct direction of air flow (e.g. air inlet and outlet).
- Avoid excessive force when connecting cables to avoid damaging connectors or wires.

#### **5. Electrical risk:**

- Never touch the fan cables while the computer is running to avoid the risk of electric shock.
- Ensure that fan cables are properly routed and do not interfere with moving parts such as fan blades.

#### **6. Risk of noise and vibration:**

- If the fan generates excessive noise or vibration, check that it is correctly fixed. If necessary, replace the anti-vibration pads or check the fixings.

### **MAINTENANCE PRECAUTIONS**

#### **7. Fan cleaning:**

- Regularly remove dust from the fan blades with compressed air or a soft brush. Make sure the computer is switched off and unplugged before cleaning.
- Do not use wet cloths or aggressive chemicals that may damage the fan.

#### **8. Status check:**

- Regularly check the condition of the fan cables to ensure that they are not damaged or abraded.
  - If the fan stops working, replace it with a new one instead of trying to repair it yourself.
- 9. Storage:**
- Store spare fans in a dry and dust-free place to prevent mechanical and electrical damage.

## **ADDITIONAL WARNINGS**

**10. Child endangerment:**

- Do not allow children to get close to running fans, especially if the computer case is open, to avoid accidental contact with moving parts.

**11. Avoid modifications:**

- Do not attempt to modify or repair the product yourself. In case of problems, contact the manufacturer or its authorised service centre.

**12. Action in the event of an emergency:**

- If the unit exhibits abnormal operation, such as overheating, sparking, unusual odour or noises, immediately switch it off and disconnect it from the power supply and then contact the service centre.
- If you observe any unsafe product behaviour, contact the manufacturer urgently.

## **THE IMPORTANCE OF COMPLYING WITH THE WARNINGS**

Following the above warnings minimises the risk of personal injury, equipment failure and property damage. Ignoring the recommendations can lead to serious health and material risks. Keep yourself and your loved ones safe by observing the precautions indicated.

## **PRODUCER**

NTEC sp. z o.o.  
44B Chorzowska Street  
44-100 Gliwice  
POLAND  
[info@qoltec.com](mailto:info@qoltec.com)  
tel: +48 32 600 79 89