

Safe use of the product

Dear customer, thank you for purchasing our product carefully designed and manufactured for its best functioning. Please carefully read this part of the instructions for use in order to use the product reliably and without problems. Save the instructions for use for any further reference.

1. Takeover of the product from the carrier

The packaging of the product is designed to obtain a maximum protection of the product from damage caused during the transport.

- Therefore, check carefully that the packaging of the product is not damaged when you take the product over from the carrier. In case that the packaging is damaged, file immediately a warranty claim with your carrier. Later possible warranty claims related to the transport cannot be and will not be taken into account.
- Before you take the product over from the carrier, check that the product you take over is in compliance with a product you have ordered. If this is not the case, contact immediately your sales representative.
- During the unpacking of the product, be careful not to damage it (scratching or other mechanical damage of the product).
- After the unpacking of the product, check that you have received all the product accessories you had purchased. If this is not the case, contact immediately your sales representative.
- During the handling and unpacking of the product, it is necessary to use appropriate tools, instruments and machines and an appropriate number of people present during the handling and unpacking in order to avoid damage of property and health.

2. Storage of the product

- The product may only be stored in the way specified on the packaging or in the instructions for use.
- The product may not be exposed to the direct sunlight and adverse weather conditions.
- The ambient temperature of the stored product must be between 0 °C to +40 °C with the maximum permissible relative humidity of 80%, without condensation or formation of icing.

3. Use of the product

- The product is intended for indoor installation under the conditions specified in the instructions for installation.
- It is forbidden to use the product in the exterior of the building.
- It is forbidden to use the product in a dusty environment, in the environment of chemical vapour, greasiness or other pollution.
- It is forbidden to use the product during finishing construction activities, in particular during the activities causing excessive dusting, e.g. the grinding of concrete, drywall etc.
- It is forbidden to use the product in a strongly ionized as well as non-ionized environment.
- It is forbidden to operate the product for children under the age of 8 years without supervision. Children under the age of 3 years are forbidden to operate the product or move in its close surroundings without the supervision of an adult instructed on the safe use of the product.
- The product may be used by children at the age of 8 years and older or by persons with reduced physical, sensory and mental abilities only if they are supervised by an adult or if they have been instructed on the safe use of the product and they can understand the dangers and consequences connected with the misuse or prohibited use of the product.
- Only persons instructed on the safe use of the product may use, regulate or perform user maintenance of the product.
- We recommend using our accessories for good functioning of the product.
- Operate the product only according to the attached instructions for use.
- Do not put any strange objects in the product (during the assembly, be careful not to leave any tools in the product).

4. General safety information

Carefully read all the following recommendations and instructions before using the product.

- When using the product, observe these safety instructions and the safety instructions prescribing the conduct when using the electrical equipment at all times.
- Ensure that the mains voltage matches the data in the product label before using the product.
- The operator of the product must be duly acquainted with any and all instructions in the installation manual, instructions for use, and safety instructions.
- Never use the product when damaged.
- In the event of using the product in temperatures below 0°C, it must be left to acclimatize for at least 2 hours in the installation conditions specified in the installation manual before using it again.
- Children under the age of 3 must not be left unattended in the area of the product.
- Regulator/controller of the product can be connected only when the product is disconnected from power supply.
- The product must not be handled with when in operation (the fan is in operation, the product is powered).
- Never cover the air inlet and outlet.
- in case of fire, the product must be considered as electrical device and must be extinguished with CO₂ or dry powder extinguishers. Never use water!
- If the product label becomes illegible, contact your sales representative to order a replacement. Removing or damaging the label is strictly prohibited.
- Changes to or interventions in the product by the user are strictly prohibited and will result in voiding the warranty.
- The structure of the product must not be overloaded.

5. Safe installation of the product

- Always keep in safe distance specified in the installation manual.
- If the product contains a water heater, it may be commissioned and subsequently pressure-tested only by an individual, who is authorized to do so by law and standards and who observes the applicable standards and regulations of the given country.
 - The water exchanger for the heating assembly must be connected with flexible hoses (always use new hoses).
 - Be careful to connect the water input and output correctly as indicated on the product (installing a shut-off fitting to the water supply is recommended in case the product needs to be decommissioned).
 - Water heater is intended for water under maximum pressure of 1.6 MPa and maximum temperature of 120 °C.

6. Safe wiring of the product

- The product must be electrically connected based on an expert project done by a qualified designer of electrical equipment. The product must be installed by a worker with expert education in the field of electrical engineering and with a valid authorization. In addition, the applicable regulations and directives of the given country must be observed.
- Wiring diagrams on the product take priority over diagrams in the manual! Ensure that the markings on the terminal correspond with the markings in the wiring diagrams before commencing the installation. When in any doubts, contact your sales representative and do not install the product under no circumstances.
- The main power supply must be turned off before any intervention in the inner parts of the product.
- Electrical parameters are indicated on the plate located on the product.
- The product must be protected with an appropriate circuit breaker according to the specified electrical parameters.
- The product must be powered through TN-S arrangement, meaning that the neutral conductor must be connected at all times.
- The main power supply must contain a main switch that disconnects all poles of the system.
- The electrical protection (IP) class is indicated on the product label.
- Before installing the product, ensure that power supply suitable for the specific use of the product and matching its electrical parameters is available. If the product features a water heater, possibility to connect heating water must be ensured. When the fixed appliance is not equipped with a power supply and a plug or other device for disconnection from the mains, in which the spacing of the disconnected contacts is at least 3 mm at all poles, the manual must specify that such a device must be built into the fixed wiring.

7. Safe installation of the accessories

- When installing any accessories, switch off the product and disconnect it from the mains.
- Regulator/controller and other control elements must be installed in strict accordance with the wiring diagram in the installation manual.
- Conductors must be connected perpendicularly to the terminals and with adequate force.
- The control cable should not be guided together with the power cables and should be guided in adequate distance (according to the relevant standard – but at least 150 mm).
- The control cable length should not exceed 100 metres.
- Make sure to adequately slide the conductors into the terminals during the connection.
- When not connecting the cables immediately after installing the controller and the product, apply insulation tape on the cable ends as a safety precaution to prevent possible mechanical damage and short circuit.

8. Commissioning

Check the product before commissioning it:

- The conditions in the installation manual have been strictly observed.
- Train the product operators in accordance with the installation manual.

9. Safety during user maintenance and servicing

Before intervening in the product, always shut down the main power supply!

- Carry out the maintenance or servicing only when stationary (the fan is not operating, the heater is cold).
- Clean the product according to the installation and assembly manual. Do not clean the product with compressed air, aggressive cleaning agents or chemicals, water, or sharp objects

10. Disposal at the end of the product life cycle



Please deliver all unserviceable or obsolete products and packaging to the appropriate locations for recycling, where they will be expertly disposed of. Unusable parts of the product should be delivered to a controlled landfill. A product recycled in such manner can be properly reused. Dispose of packaging materials in accordance with the standards and laws



11. EC DECLARATION OF CONFORMITY

The product has been designed, manufactured, and marketed, complies with all relevant provisions, and complies with the requirements of the directives of the European Parliament and the Council, including amendments. The product is safe when used under standard conditions and the intended use and installation specified in the operating instructions is observed. Harmonized European standards specified in the relevant EC Declaration of Conformity were applied during the assessment. The declaration of conformity is available at the manufacturer's website for review.

12. Conclusion

If you have any questions about this product, please contact us.

Contact address:

SMART-FLEX Sp. z o.o.
Mielczarskiego 21/23
42-202 Częstochowa

