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# USER MANUAL

-

# INFLATABLE

This manual includes instructions and safety guidelines to follow to ensure proper and safe use of the inflatable.

Please read this manual carefully and retain for further reference.

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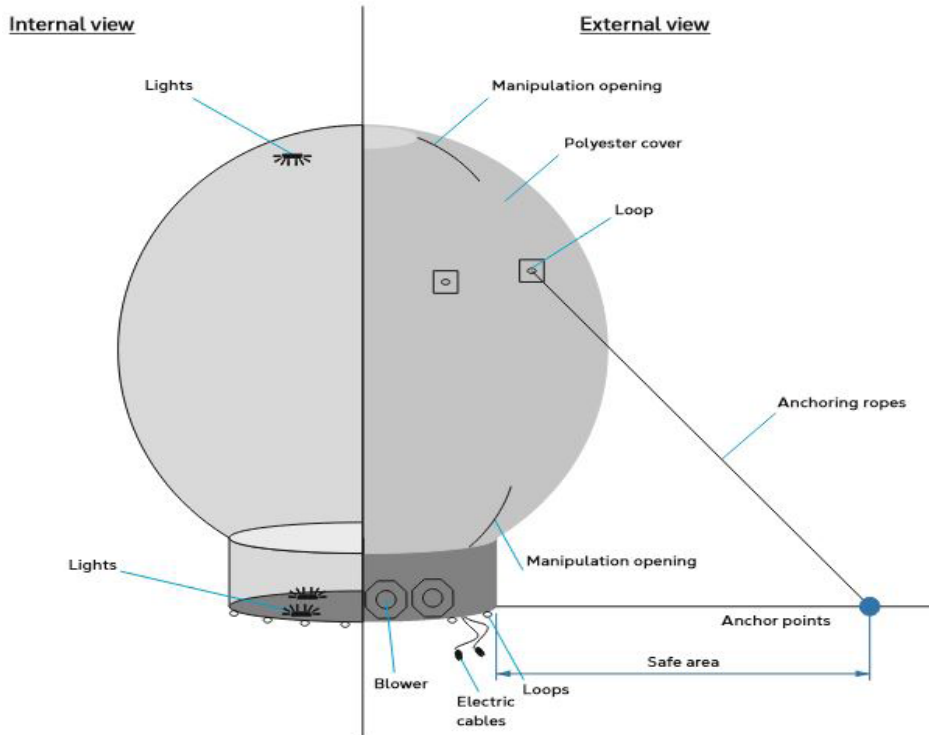
## I. DESCRIPTIVE DATA

The inflatable is an artwork. It consists of polyester cover with printed graphic and a base, that may contain a build-in blower, lightning system or other electrical devices. Optionally, a board with the necessary equipment can also be included.

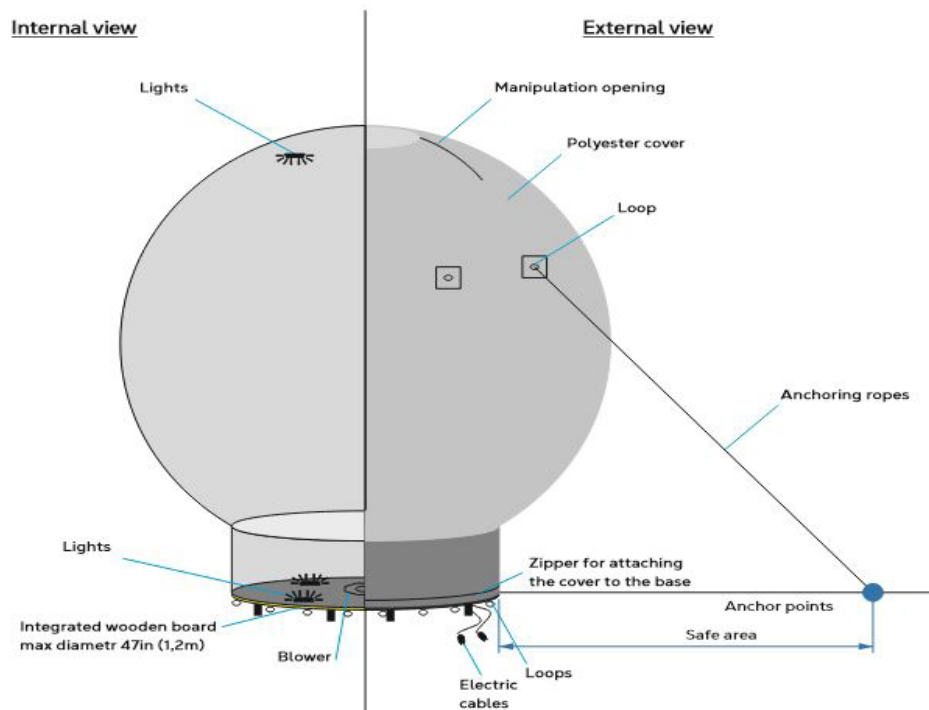
### *Types of inflatables:*

- Free-standing inflatable / Free-standing inflatable with an integrated board

#### Free-standing inflatable



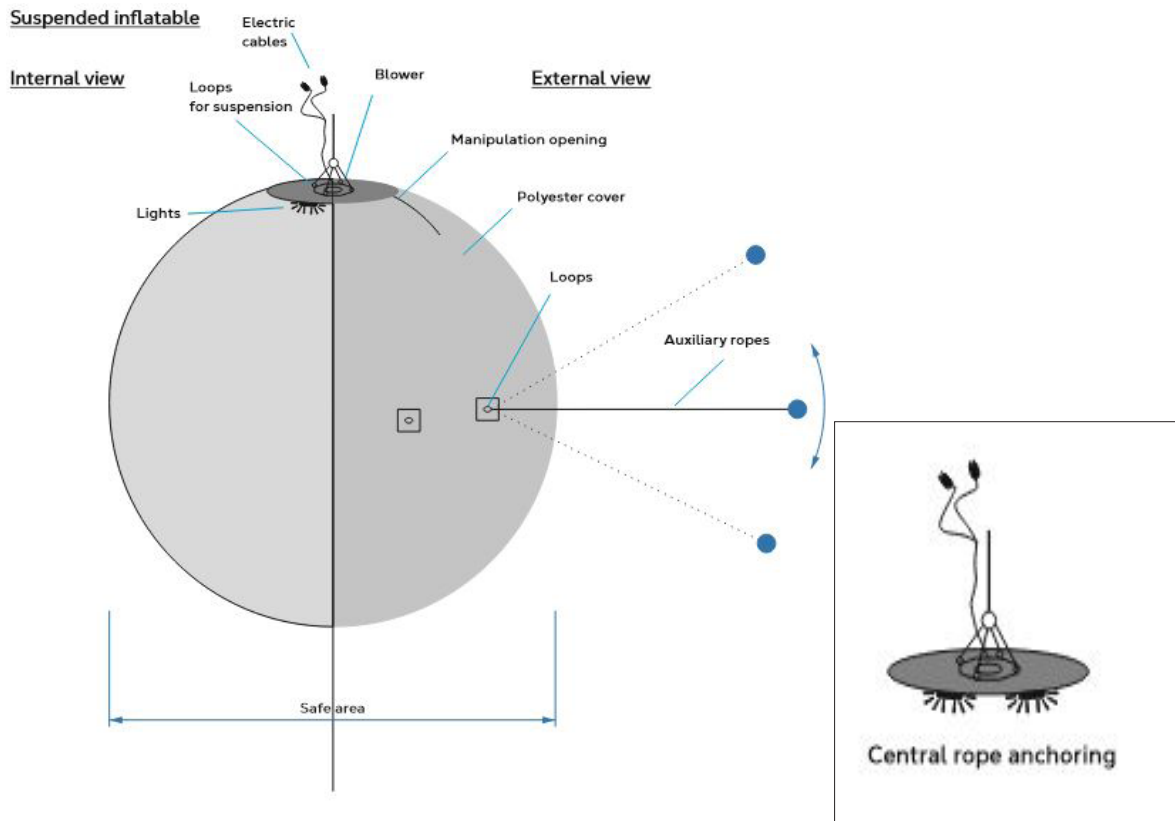
#### Free-standing inflatable with integrated board



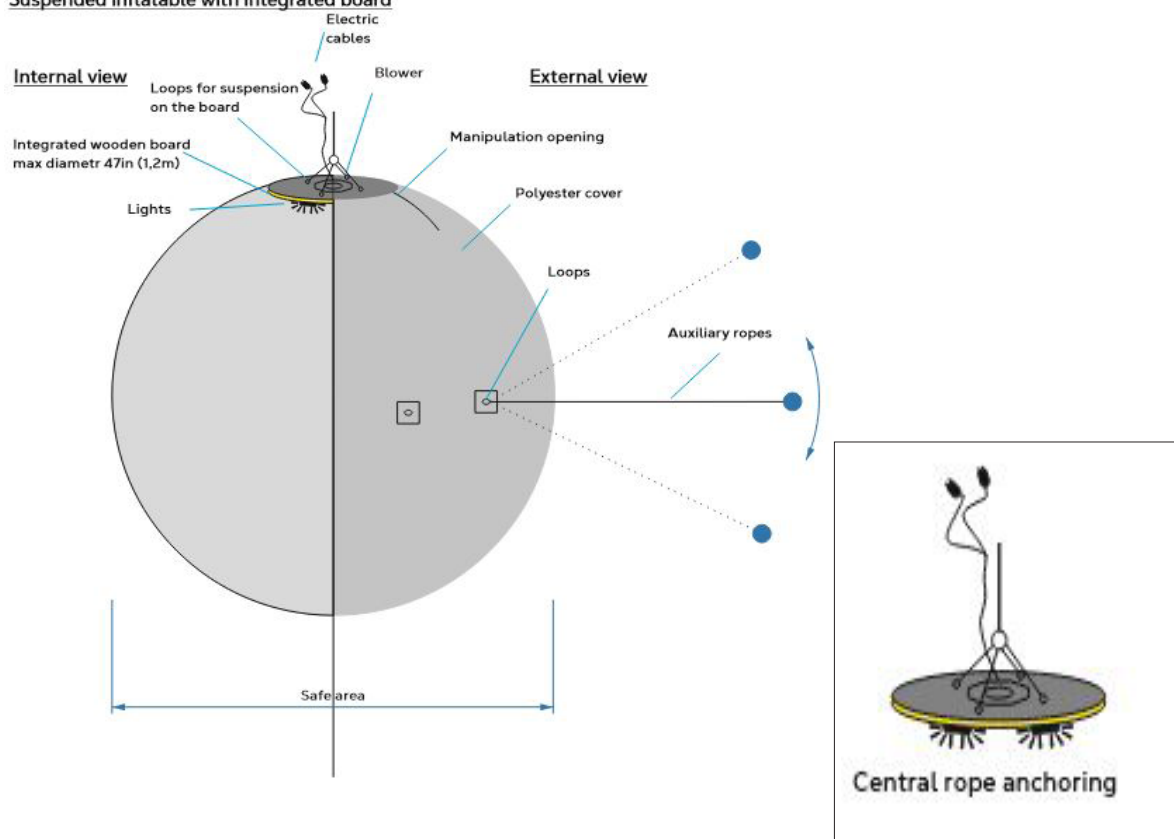
- Suspended inflatable / Suspended inflatable with an integrated board

The general information in this manual also applies to suspended inflatables, specific details relevant only for suspension are highlighted in blue.

#### Suspended inflatable



#### Suspended inflatable with integrated board



The inflatable is equipped with Manipulation Openings (MO), which can be freely placed in different numbers all over the cover. Kubicek Factory (KF) reserves the right of refusal to determine the location of the necessary MOs to meet technical requirements and to interfere as little as possible with the visual appearance of the inflatable.

Součást balení je:

- Transport bag
- Inflatable
- Pins, anchoring ropes
- Blower (can be part of the inflatable)
- Lighting system (can be part of the inflatable)
- 

Optional

- Rubber break
- Board
- Transformer
- Speed controller
- Noise-reducing enclosure for the external blower
- Air supply duct hose (Greyflex)
- Handling tarp

## 2. GENERAL INFORMATION

The operator is the person who operates the inflatable/s for (commercial/business/private or other purposes) and is legally responsible for the protection of users, employees or third parties.

The helper/service staff must be instructed by the operator on the various operations and the possible risks of misconduct. Activities that do not fall within the normal operation may only be carried out by the qualified professional.



*This symbol indicates a potentially hazardous situation that could result in serious injury or death.*

### Important information

- The inflatable should be transported dry and clean, packed in a transport bag.
- Use at an ambient air temperature of 14 - 95°F (-10 to +35°C). In winter, during snowfall, clean the cover and the area near the blower from snow and ice.
- Tears to the fabric greater than 2in (5cm) must be repaired before inflation. Torn or frayed rope can be replaced with new ones with similar load capacity (6000 kN). The replacement rope must be of the same length and attached in the same manner as the original.
- Before each inflation, a visual inspection should be carried out to ensure that the inflatable and its supplied components are not damaged.
- As this is an outdoor product, it is subject to wear and deterioration. Keep the inflatable maintained and watch for signs of fabric failure. Worn or torn surfaces should be repaired.
- The connection point of the power supply must comply with the valid electro-technical regulations according to the standards valid in the country of use.
- Any intervention in the inflatable's wiring may be carried out by a qualified person.

### 3. GENERAL WARNINGS



*Failure to follow this instructions may result in serious injury*



*Product is heavy. Use caution when lifting.*



*Do not set-up, use or expose the inflatable to any adverse outdoor weather conditions, such as, but not limited to: rain, thunder, lightning, hail, snow, high winds and tornados.*



*Do not climb on, jump off or jump onto the inflatable.*



*Electrically operated product. Precautions should be observed during handling and use of all electric products to prevent electric shock. Operating blower is not recommended for children.*



*Do not cover the blower when in operation. Keep a clear distance of approximately 5 ft (1,5 m) in front of the blower. Prevent intake of any small objects, loose clothing, long hair, dust or liquid into the blower as this may cause an accident resulting in damage. In very dusty environment we recommend placing tarp with weight in front of it.*



*Clearly mark the path of the power cord to avoid tripping and/or damage. Any electrical connection points must be above water level to prevent shorting out the electrical system.*



*Always unplug the blower and the lighting system before packing or performing maintenance.*



*Periodically examine the electronic devices for potentially unsafe conditions such as a damaged cord or plug. If damage is found, do not use the product until it has been properly repaired by a qualified professional in order to avoid a hazard.*



*The blower does not require any lubrication and has no user serviceable parts. Clean with a damp cloth. Do not immerse in water.*



*No damage to anchoring loops is permitted as this could destabilize the inflatable and cause a damage/injury.*



*Keep away from fire.*



*Unauthorized modification to this product is not allowed.*



*Keep animals at a safe distance.*



*It is strictly forbidden to enter the inflatable! Particular care must be taken especially during deflation to ensure no person or animal enters the inflatable as this may cause suffocation.*



*Do not attempt to inflate in high winds. The inflatable can be inflated/deflated in winds up to 13 MPH (6 m/s) and operated at a maximum wind speed of 31 MPH (14 m/s), **suspended inflatable up to 22 MPH (10 m/s)** and rainfall up to 2 mm/h!*

*The cinema may only be used under the following weather conditions:*

*Cinema S: up to 27 MPH (12 m/s); Cinema M: up to 22 MPH (10 m/s); Cinema L and XL: up to 18 MPH (8 m/s); Cinema XXL: up to 13 MPH (6 m/s).*



## 4. CHOOSING LOCATION

The area selected for the inflation must be free of all sharp objects to prevent any damage to the cover and large enough to anchor/[to suspend](#) the inflatable safely.

Check for power lines, tree branches, telephone poles, or anything that could interfere with the inflation process. Make sure it does not block normal walkways or impair normal traffic flow, i.e. stop signs. Do not place it near any heat source as this can cause damage to the inflatable. Be careful not to tie the anchoring ropes to anything with sharp edges that could cut them. If the tie points have rough or jagged edges, be sure to protect the rope from fraying, wearing, or being cut by covering sharp edges. [For suspended inflatables, a supporting structure or mounting points must be prepared to bear at least four times the weight of the inflatable.](#)

On the ground, look for solid, stable anchor points. The only method of tying is by pins and anchoring ropes provided. Another option is to attach to ballast (e.g. concrete blocks, sandbags, water barrels, etc.). In this case, the tensile load per loop corresponds to a minimum of 2500 kN, but may vary depending on the size of the blower, the type of loops used, etc. Contact KF for exact instructions. The ballast is not included and should be provided separately by the operator. [For suspended inflatables, pins are not included \(unless otherwise stated\). If the inflatable is equipped with loops, they can be anchored with auxiliary ropes to prevent it from tilting or rotating.](#)

If other fixing method is required please contact KF for a technical specification.

Locate a power source within reach of the extension cords. For outdoor use, cables with an IP rating of at least 44 must be used.

Mark the circuit breaker so that it will not be turned off accidentally. In case that your inflatable was purchased with a lighting system, make sure the circuit will not be overloaded when it is turned on.

Locate the best anchor points. The inflatables should not be anchored at elevated points, such as chimneys, buildings, auxiliary structures, etc. unless otherwise specified. [For suspended inflatables the auxiliary structures, having the load capacity specified above, are permitted. We do not recommend anchoring to buildings unless their condition is known in advance.](#)

## 5. INFLATION

Regularly check the weather forecast and avoid inflating if a storm or strong wind/gusts are expected.

[For suspended inflatables it is necessary to create a safe zone under the inflatable for dismantling in case of bad weather.](#)

At least 3 people should be present at the inflation. The number of people required depends on the size, shape, weather conditions, and method of anchoring the inflatable. More people may be needed during bad weather to ensure safe inflation.

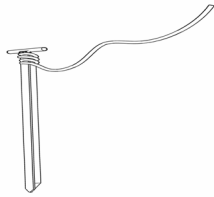
It is advisable to unfold the inflatable on the tarp to protect it from getting dirty.

Remove the inflatable from the bag, fold it and carefully store in a dry environment for later packing. Firstly check the technical condition of the inflatable, the anchoring ropes and the blower/lighting system.

Transport bag



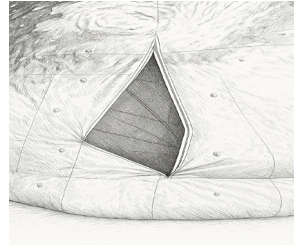
Check all ropes to ensure they are not tangled and that they are tied securely to the anchoring loops and to the anchoring pins. Close all manipulation openings.



Anchoring pins



Anchoring ropes

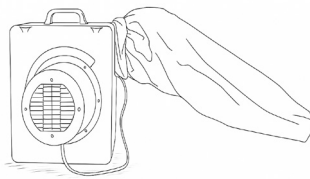


Manipulation openings

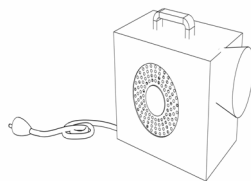
The blower is designed for filling the inflatable with cold air. It must be running during the whole time the inflatable is in operation and checked regularly at intervals of approx. 30 minutes.

Place the internal fan in the prepared collar and fasten it with a Velcro.

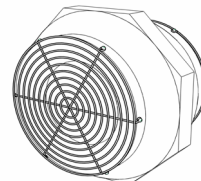
Cover the external blower with the textile duct coming from the inflatable and secure its end over the blower outlet. If using Greyflex, attach one end to the textile part of the inflatable and the other end to the blower. Do not put any strain, bend, or step on the Greyflex unnecessarily."



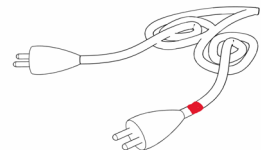
External blower  
with textile duct



External blower



Internal blower



Power cords

- To operate the blower plug the cord to the power source.
- To operate the lighting system plug red-marked cord into the power source.



***In case of malfunction of any part of the electric devices do not attempt to open or service it yourself but contact the qualified professional. Do not connect to the power source if the cords are visibly damaged!***



***Do not attempt to inflate in high winds. The inflatable can be inflated/deflated in winds up to 13 MPH (6 m/s) and operated at a maximum wind speed of 31 MPH (14 m/s), suspended inflatable up to 22 MPH (10 m/s).***

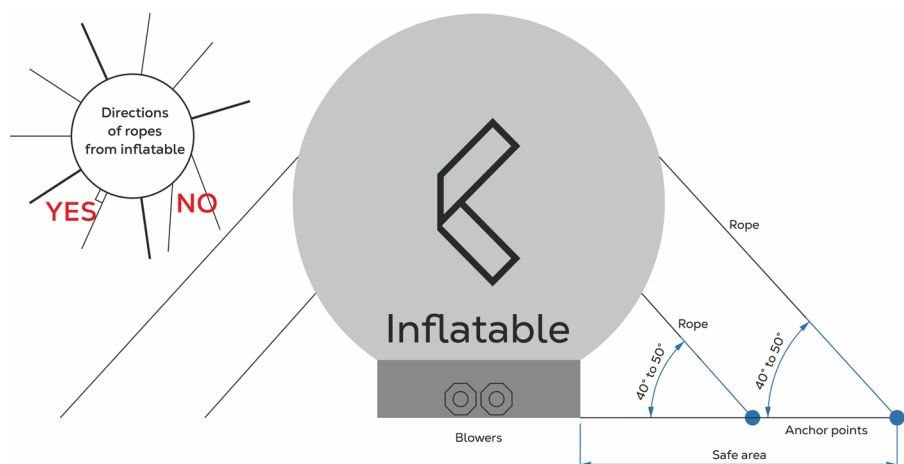
Now you can start inflating.

Keep the fan under constant supervision during inflation and ensure that it is not covered by fabric or obstructed by small objects, etc.

For larger free-standing inflatable/ free- standing inflatables with the board, follow the anchoring procedure below.

Instruct the helpers to hold the opposite top anchor ropes during the inflation to protect the inflatable against damage especially in windy conditions. When inflated to almost full shape attach loosely 4 top ropes to secure it against movement (see the highlighted ropes on the smaller picture below). Adjust the base to your preference and anchor it well. When fully inflated anchor all ropes rechecking the 4 which were already attached.

Walk around several times adjusting and tightening the ropes evenly.



Attach the anchor ropes vertically at an angle of 40 to 50 degrees. The pins must be driven in perpendicular to the ropes and should be driven in as deep as possible.



***It is required to anchor down all ropes tightly and firmly. Failure to do so will result in the inflatable being unstable which may cause damage/injury.***

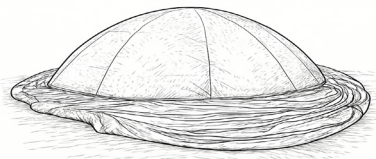
For suspended inflatables a single central rope anchoring is considered sufficient. When used outdoors, the inflatable is equipped with loops and could be anchored at multiple points. Contact KF for more details.

## 6. DEFLATION AND PACKING

- Make sure the area around the inflatable is clear of any sharp objects and no un-instructed people are present.
- Disconnect the lighting system from the power source preferably at least 10 minutes before shutting down the blower and allow it to cool down.
- Disconnect the blower from the power source and untie the anchoring ropes. Allow 2 people to coordinate the deflation and falling of the inflatable using the ropes.
- Open manipulation openings.
- Try to squeeze out the air while gently rolling the fabric.
- If the inflatable has an internal blower system, start packing it tightly from this end.
- Do not remove any electronic equipment out of the inflatable as it is fixed to the designated areas.
- Pay attention while packing as the electric equipment is hard and can cause injury if handled carelessly.



*Do not jump in or roll over the inflatable during deflation.*



Deflation



Packing

Place the deflated inflatable back into the transport bag. Handle with increased care, especially regarding smaller parts of the inflatable.

Make sure the inflatable is thoroughly dry before packing. The wet inflatable may only be in the transport bag for as long as necessary otherwise the fabric may become discolored, mildew or deteriorated. For thorough drying we recommend to leave it inflated for longer period of time in good weather conditions before repacking it.

If the inflatable remains inflated during a storm, rain, or strong wind gusts, we recommend keeping it inflated until the conditions improve. Attempting to deflate and pack it under these circumstances may result in damage or cause injury/death.

## 7. CLEANING AND STORAGE

The inflatable can be cleaned using a cloth and soapy water. Allow it dry thoroughly. Avoid any contact of water with the blower.

Store the product in a dry, covered area in its transport bag placed on a flat surface with airflow from all sides and at an ambient temperature of  $-5$  to  $+35^{\circ}\text{C}$ . Do not stack the products on top of each other.

## 8. ELECTROINSTALLATION, TRANSFORMERS, LIGHTING SYSTEM






ČSN 33 1600 ed. 3: 2009 – Inspection and Testing of Electrical Appliances During Use  
 Chapter 4: Classification of Electrical Appliances by Use

Group B – Appliances used in outdoor environments

Group D – Appliances used in publicly accessible indoor areas

Classification of appliances – classification into protection classes according to design:

Equipment class	Equipment marking or instructions	Conditions for connecting the appliance to the installation
Protection class I	Marking of the protective terminal  or letters PE or the color combination green-yellow	Connection of the protective terminal to the protective connection of the installation
Protection class II	Marked with a mark 	Does not rely on any protective means of the installation
Protection class III	Marked with a mark 	Connected only to SELV or PELV networks only voltages up to 50V AC

The electrical equipment must be inspected 1x every six months when used outdoors and 1x a year when used indoors.



## 9. EU DECLARATION OF CONFORMITY

### EU Declaration of conformity

Producer: Kubiček Factory s.r.o.

Address: Jarní 1003/2a, 614 00 Brno, Maloměřice

hereby declares on his sole responsibility that the product:

Designation of the product:

Type/mark: 0

is in conformity with the provisions of the following European Directives and Regulation of the Government:

directive	2014/35/EU	LVD	Government regulations, as amended No. 118/2016 Sb.
directive	2011/65/EU	RoHS	Government regulation No. 481/2012 Sb. as amended by reg. No. 391/2016 Sb.
directive	2014/30/EU	EMC	Government regulation as amended No.117/2016 Sb.
directive	2009/125/EC	ECODESING	

#### Harmonised standards and other technical specifications used in determining compliance:

ČSN EN IEC 60598-1 ED.7	Luminaires - Part 1: General requirements and tests
ČSN EN 60598-2-4 ED.2	Luminaires - Part 2: Particular requirements - Section 4: Portable general purpose luminaires
ČSN EN 60598-2-24 ED.2	Luminaires - Part 2-24: Particular requirements - Luminaires with limited surface temperatures
ČSN EN 60034-5 ed.3	Rotating electrical machines - Part 5: Degrees of protection provided by the integral design of rotating electrical machines (IP code)
ČSN EN ISO 12499	Industrial fans - Mechanical safety of fans - Guarding
ČSN 12 2002	Fans - General safety requirements
ČSN 34 0350 ED.2	Safety requirements for flexible cords and cables
ČSN IEC 60884-1	Plugs and socket-outlets for household and similar purposes - Part 1: General requirements
ČSN EN 60529:1993	Degrees of protection provided by enclosures (IP Code)
ČSN EN 62262+A1 2022	Degrees of protection provided by enclosures for electrical equipment against external mechanical impacts (IK code)
ČSN EN IEC 61547 ED.3:2023	Equipment for general lighting purposes - EMC immunity requirements
ČSN EN IEC 61000-6-1 ed. 3	Electromagnetic compatibility (EMC) - Part 6-1: Generic standards - Immunity standard for residential, commercial and light-industrial environments
ČSN EN 60204-1 ed.2:2007	Safety of machinery - Electrical equipment of machines - Part 1: General requirements
ČSN EN IEC 63000:2019	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

The product meets basic safety requirements for electrical equipment according to the above documents

Under normal conditions and conditions specified by the manufacturer, the product is safe.

The manufacturer has taken measures to ensure continued compliance with the technical documentation and the essential

The safety instructions of the accompanying product documentation must be followed and handed over to the end user.


Place of Issue:

Brno

Date of Issue:

01.01.2025

Responsible person: .....



## **LET US HELP YOU!**

In case that you have any suggestion, difficulty, problem or comment, please contact us:

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