

**DANCOVER<sup>®</sup>**

**.com**

Manual  
for  
Pool Cover Tunnel  
5x7,21x2,65m

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# 1. GENERAL INFORMATION

## 1.1. Introduction

This manual is an integral part of the product; it is addressed to the installer and to the final user of the box, and enables a correct installation and use. For this reason it must be held with the box until proper disposal.

In this manual you will find the instructions to:

- correctly install the box
- understand the functions of the box and of the whole thereof
- correctly do the box scheduled maintenance processes
- take care of the basic safety rules



**ATTENTION:** the installer and the final user must read the whole manual in every of its parts, and store it together with the box.

Before using the box, please read carefully the technical information contained in this manual and follow them strictly.

Keep this manual in a safe and accessible place.

# 1. BOX DESCRIPTION AND TECHNICAL SHEET

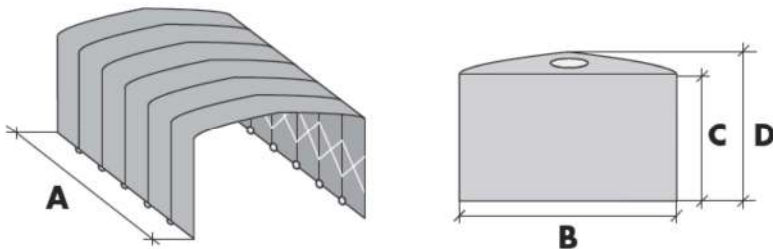
## 1.1. General description

The box must be used only as an ordinary protection cover, for purely temporary use. In case of bad weather conditions (wind, snow), the box must be removed. Given that the box can not be fixed to the ground - but only bound to it - its use in these conditions can cause damages to people and things.

It is particularly important for safety not to hang or apply any type of load at the structure or at the top cover of the box.

In particular, children must not handle any part of the box. The failure to respect the conditions of use and warnings immediately voids the warranty.

### DUAL BOX

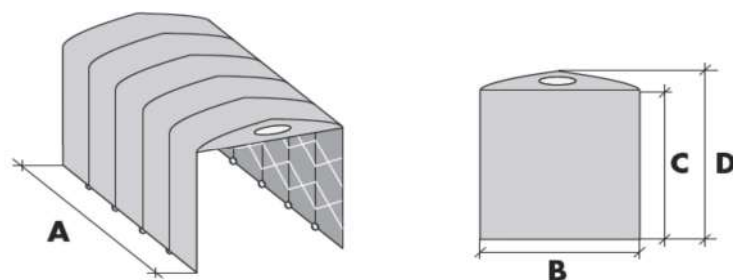


**A (cm):** 525/630/735/840/945/...

**B (cm):** 300/400/500/600

**C (cm):** 230/260/280

### CARAVAN BOX

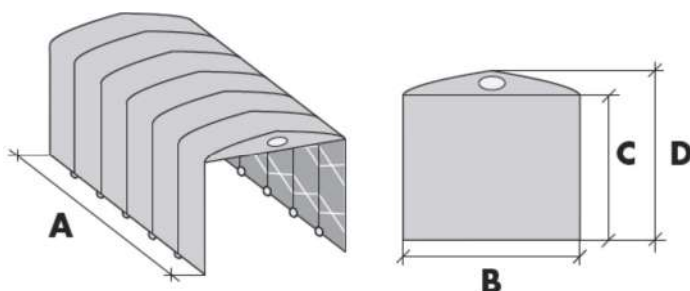


**A (cm):** 525/630/735/840/945/...

**B (cm):** 300/350

**C (cm):** 320/340

### MAXI BOX

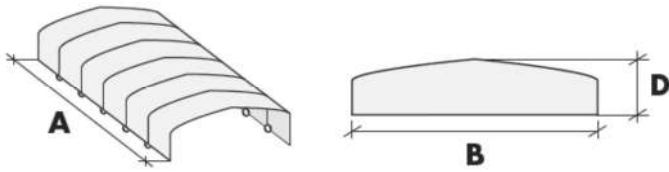


**A (cm):** 525/630/735/840/945/...

**B (cm):** 400/500/600

**C (cm):** 320

### COPRIPISCINA D=CM 60/100



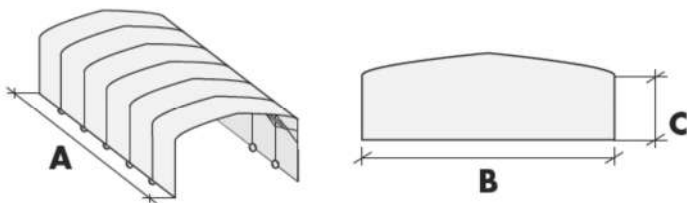
**A (cm):** 525/630/735/840/945/...

**B (cm):** 300/350/400/450/

500/550/600/650/700

**D (cm):** da 60 a 100 (in base alla larghezza)

### COPRIPISCINA C=CM 200



**A (cm):** 525/630/735/840/945/...

**B (cm):** 300/350/400/450/

500/550/600/650/700

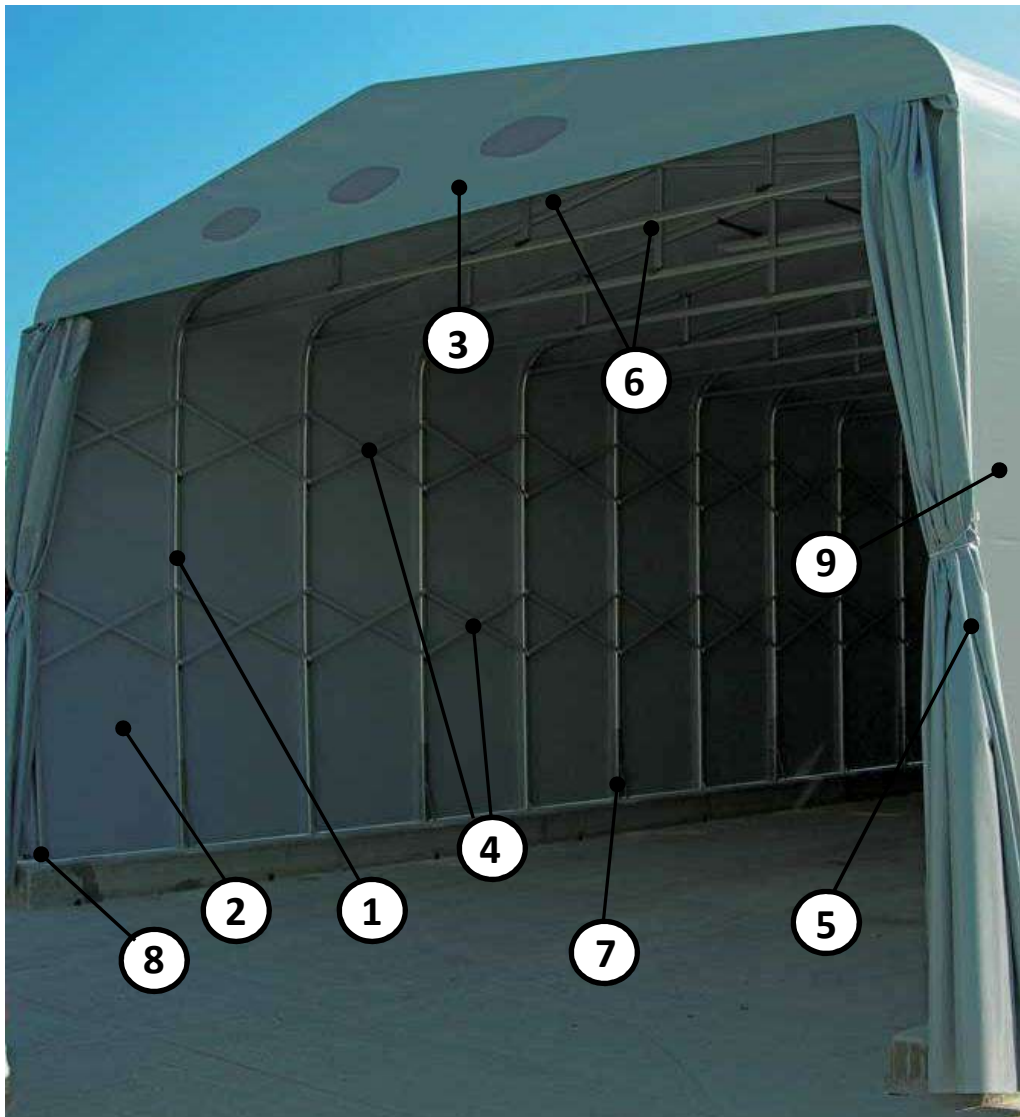
**C (cm):** 200

**NB.** Starting from the length (A) of cm 700 (only for mobile version): eyelets placed on the lateral profile for ground-fixation through straps and stakes/ballasts (not supplied by the supplier).

## 2.2. Components

<u>N.</u>	<u>DESCRIPTION</u>
1	ALUMINIUM PROFILE MM 60X40
2	PVC LG 550/TRANSPARENTE CRISTALPLUS (only Copripiscina sides)
3	PVC GABLE END WITH WINDOW IN MICRO-PERFORATED MATERIAL
4	CROSSES (for Maxi Box and Caravan Box they are coupled in height). The mobile version includes also tension bars (stretching devices for Copripiscina h. 200)
5	PVC SLIDING CURTAIN WITH ZIG-ZAG OPENING on both sides (Copripiscina h. 60/100: nr 2 fix walls with roll-up opening)
6	ALUMINIUM CROSSBEAM. Starting from the width of cm 500: aluminium crossbeams and other reinforcement elements on every profile.

- 7 GROUND-FIXING BRACKETS (base v.), NYLON WHEELS (mobile v.)
- 8 GROUND-FIXING BRACKETS (base v.), CARABINER (mobile v.)
- 9 TENSORS WITH EYELETS SCREWS FOR GROUND—FIXING OF THE REAR AND FRONT BAY (only for Copripiscina h. 60/100).



### 2.3. *Fabric's characteristics*

#### **POLY LG 550/LAC 2L FLAME-RETARDANT**

DUAL BOX – CARAVAN BOX – MAXI BOX – COPRIPISCINA

<b>Fabric</b>	Warp:100% PES/1100 Dtex Weft: 100% PES/1100 Dtex
<b>Fabric's weight</b>	Ca 550 gr/m <sup>2</sup>
<b>Characteristics</b>	ABUV
<b>Finishing</b>	gloss lacquered
<b>Breaking strength (DIN 53354)</b>	Warp: Ca 250 DaN/5 cm Weft: Ca 180 DaN/5 cm
<b>Tear strength (DIN 53363)</b>	Warp: 25 DaN Weft: 20 DaN
<b>Grip (IVK/PKT 14)</b>	10 DaN/5 cm
<b>Temperature resistance</b>	+70° C/ - 30°C
<b>Light resistance (DIN 53388)</b>	<i>Level: 7/8</i>
<b>Fire-proofing</b>	ADR cl. II

## **CRISTALPLUS 650**

*COPRIPISCINA H.200*

<b>Composition</b>	PVC
<b>Fabric's weight</b>	Ca 780 gr/m <sup>2</sup>
<b>Thickness</b>	0,65 mm
<b>Breaking strength</b> <b>(ASTM D-882, DIN 53354)</b>	<i>L:</i> 220 kg/cm <sup>2</sup> <i>H:</i> 210 kg/cm <sup>2</sup>
<b>Tear strength</b> <b>(ASTM D-1004, DIN 53363)</b>	6 kg/mm
<b>Characteristics</b>	UV-treated with 1000 hours test
<b>Temperature resistance</b>	+65° C /-10° C
<b>Hardness A/15</b>	Ca 92 DaN/5cm

## **3. INSTALLATION**

### ***3.1. Handling and transport***

The box installation of the box should only be done by qualified staff.

The products must be unloaded through appropriate lifting equipment, which must be used only by authorized staff.

If the unloading operation is made by hand, it is important to consider that the weight limit that each male person can handle is 25 Kg; moreover, the operators should be equipped with gloves and safety shoes.



### **3.2. Place and requirements for the installation**

Before the arrival of the installers the user must arrange:

- any permits required by local regulations
- appropriate ground

### **3.3. Installation**

Before starting the installation, if electrical equipment utilization is needed:

- make sure you do not work in wet areas
- use only intact extension cords, according to the place of use
- use shoes with rubber soles



**ATTENTION:** it is necessary for the operators to use appropriate personal protective equipment such as safety shoes and gloves, in order to avoid injuries provoked by the fall of the packaging or of components that it contains, perforation and cutting due to cutting or hanging parts.

#### **3.3.1. Package opening**

Packaging must be opened only with scissors with rounded tips, using the best care not to cut the cloth of the article (Photo 1).



P  
H  
O  
T  
O  
  
1

**NOTE:** The packaging material disposal is at user's charge, who will perform it in accordance with existing environmental norms.

#### **3.3.2 Box installation**

The box should be installed according to this instruction:

- The uprights must be lifted up maintaining the crosses in a slightly position (photo 2, 3, 4, 5);



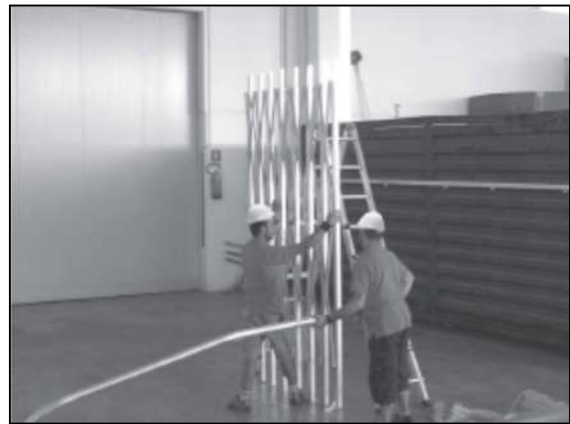
P  
H  
O  
T  
O  
  
2



P  
H  
O  
T  
O  
  
3



P  
H  
O  
T  
O  
  
4



P  
H  
O  
T  
O  
  
5

-An arch must be linked to the second upright (photo 6 and 7);



P  
H  
O  
T  
O  
  
6



P  
H  
O  
T  
O  
  
7

-One of the archs with the PVC gable must be positioned on the first profile; then, the elastic rope which is linked to the arch must be at the same side where the iron hooks are positioned (photo 8 and 9);



P  
H  
O  
T  
O  
  
8



P  
H  
O  
T  
O  
  
9

- the remaining archs have to be assembled in a way to complete the structure (photo 10 and 11);



P  
H  
O  
T  
O  
  
10



P  
H  
O  
T  
O  
  
11

-the tarpaulin keder must be inserted in the lateral slot of the profile, first to the top and then to the bottom (photo 12 and 13);



P  
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O  
T  
O  
  
12



P  
H  
O  
T  
O  
  
13

- the top covers must be threaded in the apposite spinner, covering the whole perimeter of the archs; in order to facilitate this operation, it is advised to put some lubricant spray into the groove (photo 14, 15, 16, 17);



P  
H  
O  
T  
O  
  
14



P  
H  
O  
T  
O  
  
15



P  
H  
O  
T  
O  
  
16



P  
H  
O  
T  
O  
  
17

- the top covers must be fixed with the screws to the lower part of the structure (photo 18);



P  
H  
O  
T  
O  
  
18

- then, the door must be threaded in the profile and hooked to the sliders. It is recommended to press the slider hooks with a cramp in order to avoid the door's unhooking (photo 19 and 20);



P  
H  
O  
T  
O  
  
19



P  
H  
O  
T  
O  
  
20

The structure must be tensioned:

- BASE VERSION: using the proper stretching device (not included ) and fixing the screws of the lower part of the crosses (photo 22 and 23)
- MOBILE VERSION: putting the tension bars in regulation position, at 180° (photo 24 and 25);through the regulation of the tensor screws, there will be a better top cover tensioning (photo 24 and 25)



P  
H  
O  
T  
O  
  
21



P  
H  
O  
T  
O  
  
22



P  
H  
O  
T  
O  
  
23



P  
H  
O  
T  
O

24



P  
H  
O  
T  
O

25

Now the box can be fixed , using proper anchoring systems.



**ATTENTION:** other installation ways which are not contained in this manual are not allowed, if not previously authorized.



**ATTENTION:** the box must be fixed to the ground or to a wall. The installer must verify the ground type and conditions and choose the appropriate anchoring system, also considering the typical meteorological conditions of that particular place (strong wind,...).

## 4. BOX UTILIZATION

Before using the box you need to check that the installation and the ground fixation operations have been carried out properly.

## 5. CHECKS AND MANTEINANCE

It is necessary to periodically check the general status of the structure, of the links between components, of the hinges and the top cover. In case of holes or tears in the fabric, damages or cracks of metal components, it is necessary to contact the dealer.

The top cover can be washed with neutral detergent and then rinsed with water. After cleaning, the fabric must be dried before being folded, in order to prevent mold.

## 6. DISASSEMBLY

Disassembling operations are done backward to the assembly.

The eventual disposal of the box must be made in accordance with the existing environmental norms.

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