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Assembly Guide

Biostar 1500

Maße: ca. 150 x 80 x H 50/40 cm • Art.-Nr. 20150



Teileliste / Part list / Liste des pièces fournies / Lista delle parti:

| A | B | C | D | E | F | G |
|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | | | | | |
| 1 x | 1 x | 1 x | 1 x | 2x | 2x | 2x |
| 52598 | 52599 | 52590 | 52589 | 52600 | 52398 | 52397 |

| H | I | J | K | L | M | N | O |
|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---|
| | | | | | | | |
| 1x | 8x | 8x | 8 x | 4x | 6x | 1x | Bohrlehre (Seite 9 + 11) Drillpattern (page 9 + 11) Gabarit de perçage (page 9 + 11) |
| 25933 | 25939 | 26398 | 26399 | 22807 | 25607 | 20047 | |

Werkzeug notwendig! Required tools! Outils nécessaires !



D Vor dem Aufbau Anleitung lesen und für spätere Verwendung aufbewahren.

F Avant le montage, veuillez lire la présente notice et la ranger soigneusement afin de pouvoir la réutiliser ultérieurement.

NL Vóór montage a.u.b. de handleiding doorlezen en voor later gebruik bewaren!

GB Please read these instructions prior to assembly and keep them for further reference.

I Prima del montaggio, leggere le istruzioni e conservarle per un utilizzo successivo.

ESP Antes del montaje deberán leerse las instrucciones y guardarlas para un uso posterior.

SF Lue käyttöohje huolellisesti läpi ennen asennusta ja säilytä se vastaisuuden varalta.

S Läs igenom instruktionerna före montering och spara dem för användning vid ett senare tillfälle.

DK Vejledningen skal læses inden pobygning og gemmes til senere brug.

N Les bruksanvisningen før montering og oppbevar den for senere bruk.

HR Prije sastavljanja pročitati uputstvo i sačuvati ga za kasnije korištenje.

SI Pred postavitvijo natančno preberite navodila ter jih shranite za kasnejšo uporabo.

SK Pred postavením si prečítajte návod a odložte si ho na neskoršie použitie.

CZ Před montáží si přečtěte návod a uschovejte jej pro pozdější použití.

BH Prije sastavljanja pročitati uputstvo i sačuvati ga za kasnije korištenje.

PL Przeczytać przed montażem i zachować do późniejszego wykorzystania.

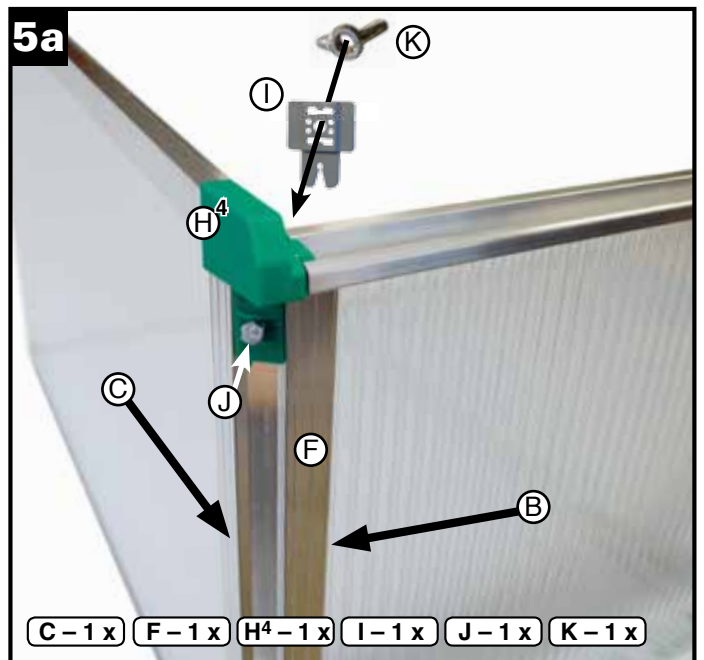
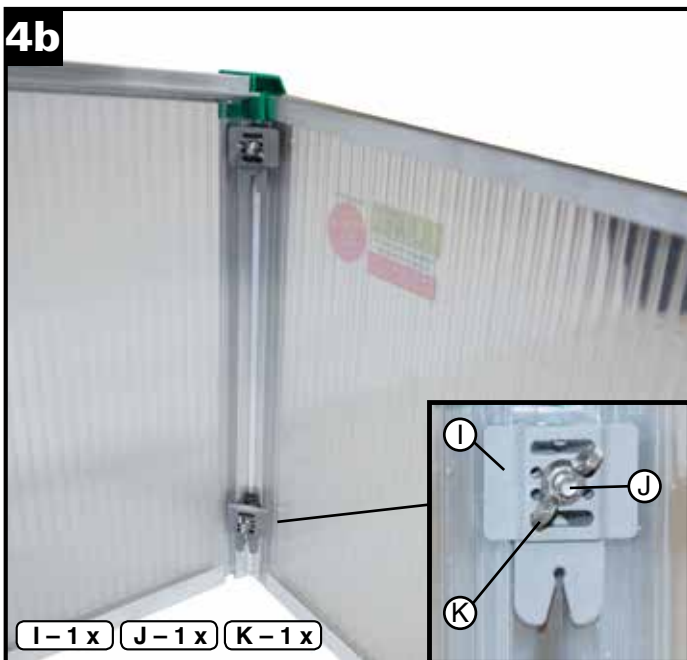
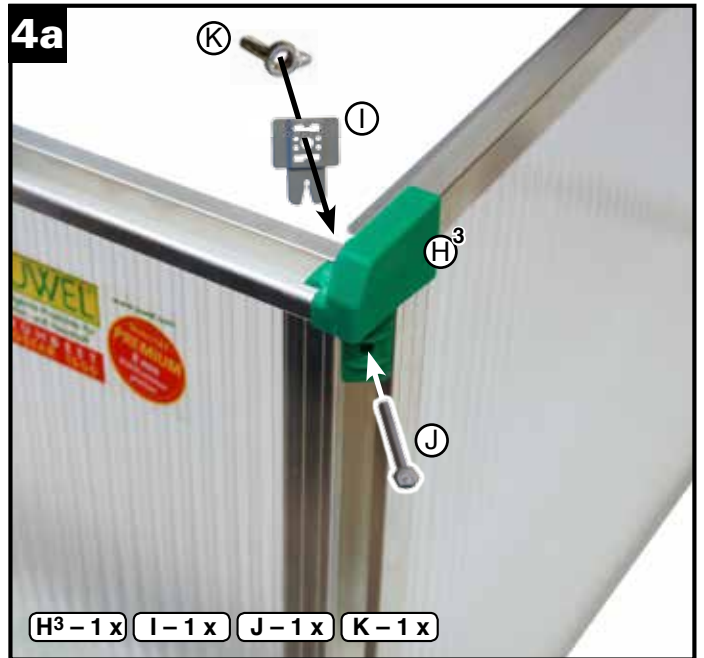
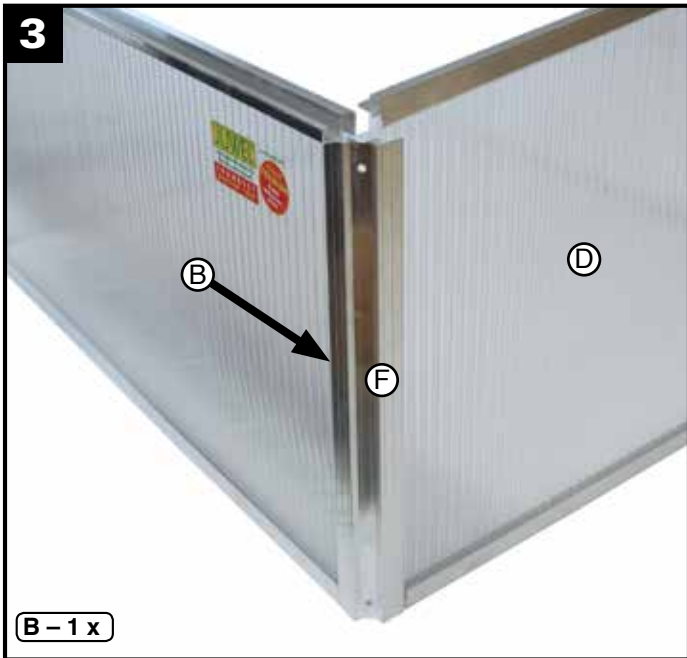
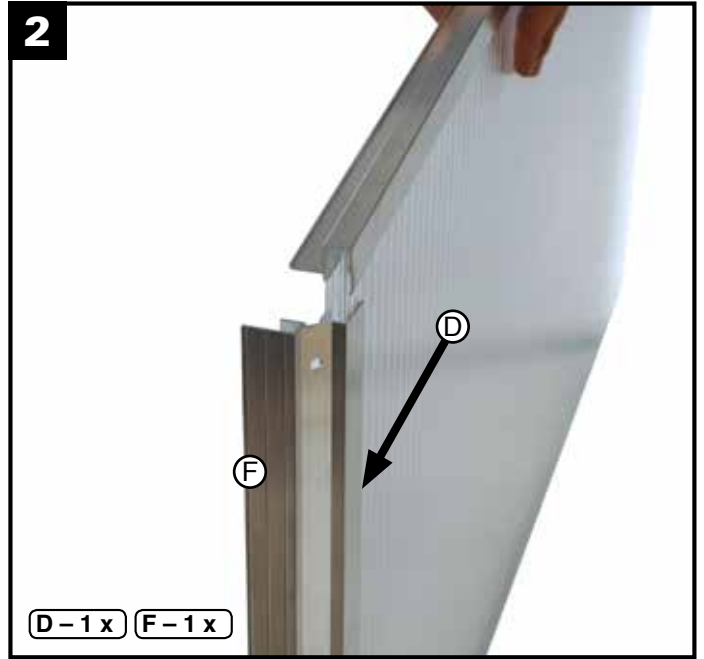
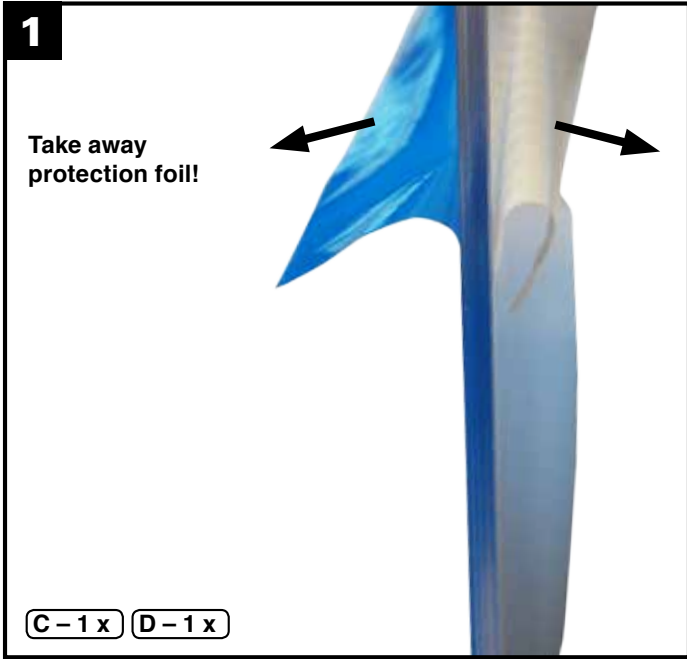
HU Az összeszerelés előtt olvassa el az útmutatót, és őrizze meg a későbbi használathoz.

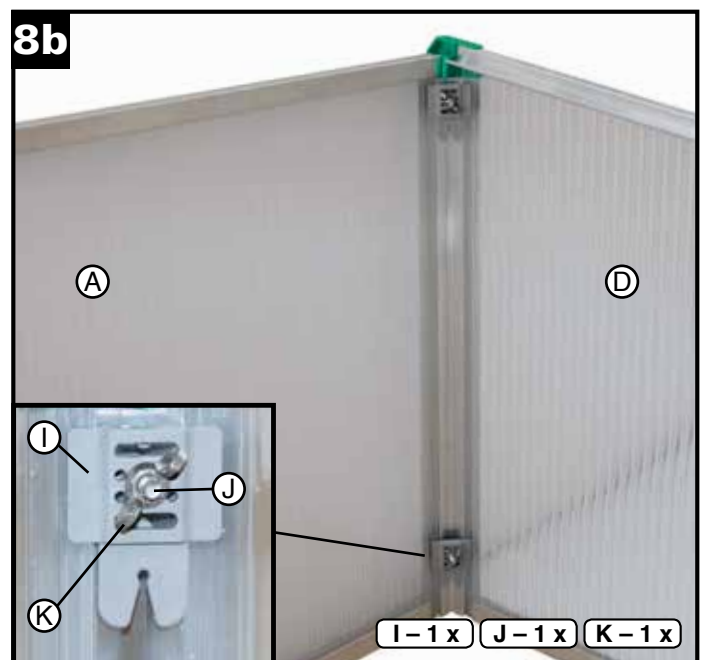
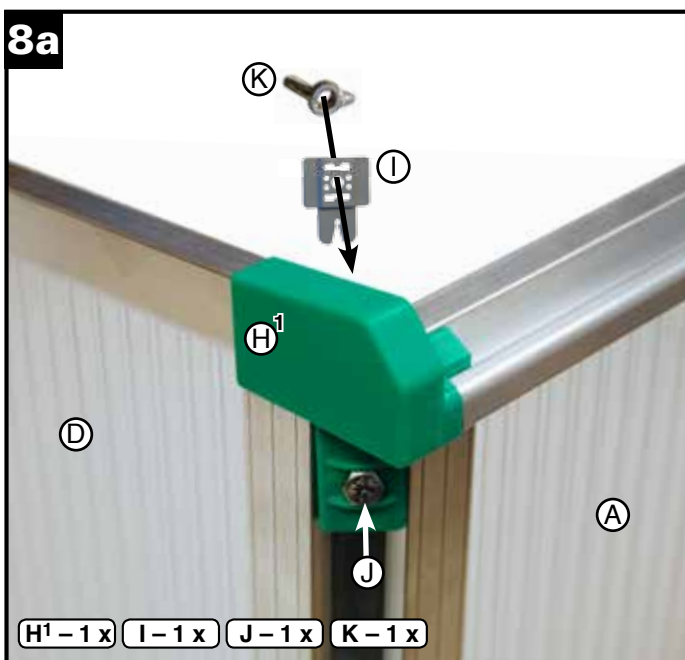
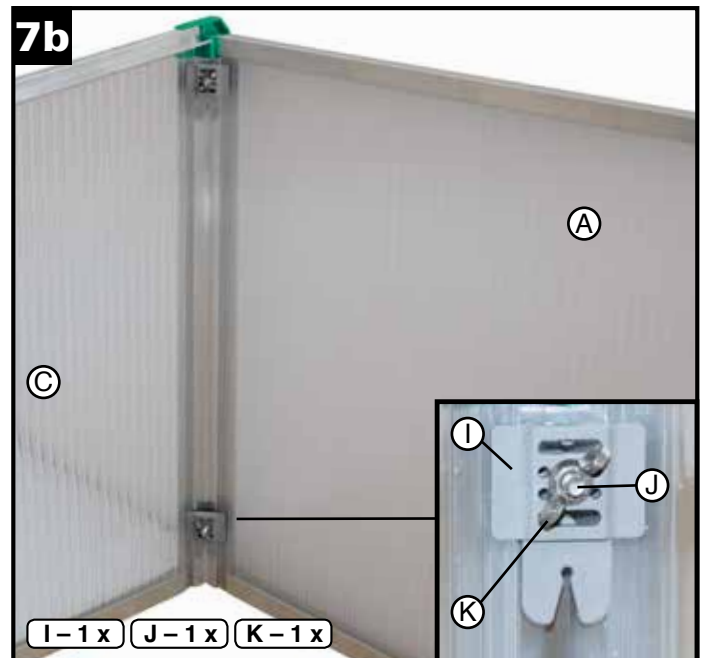
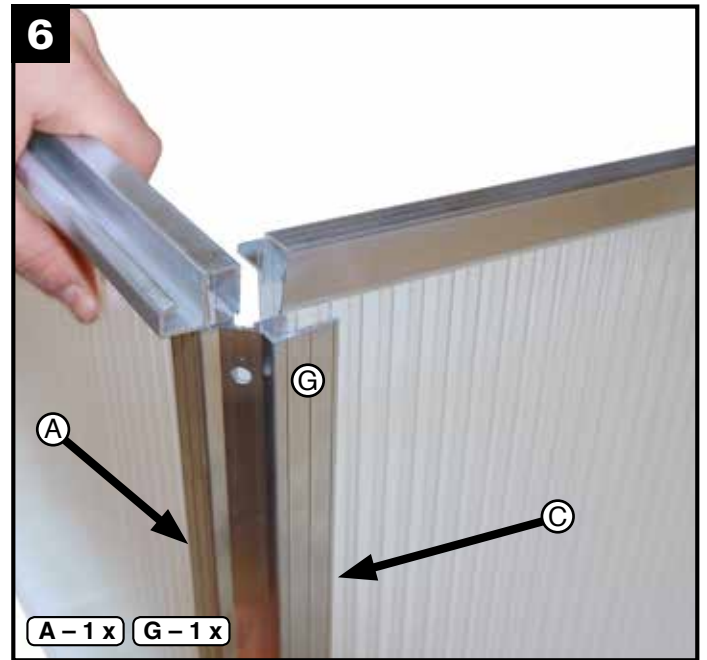
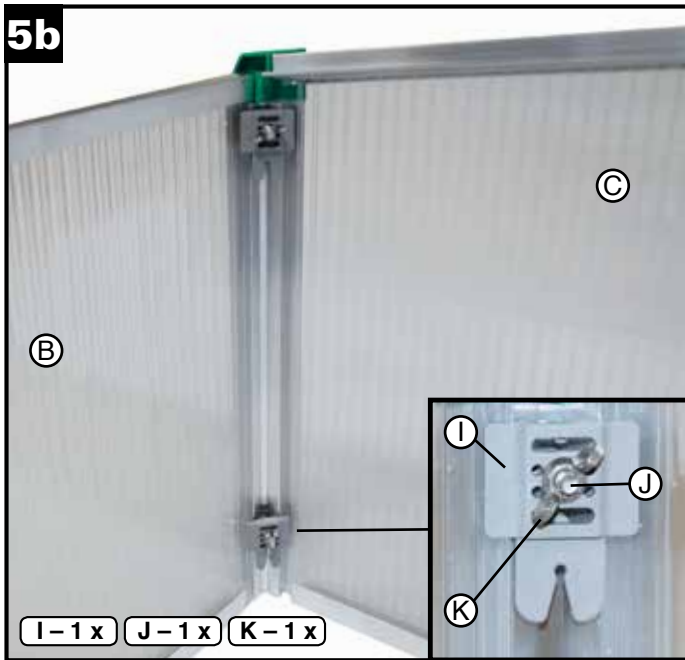


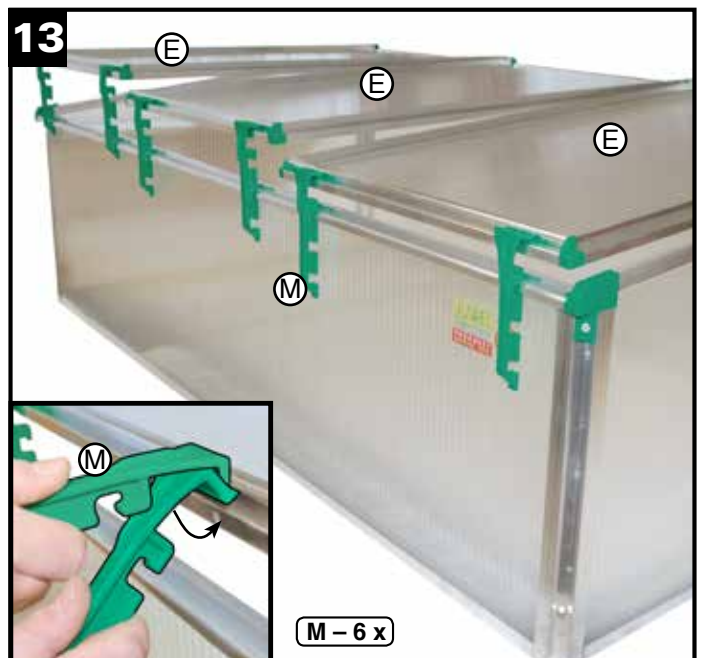
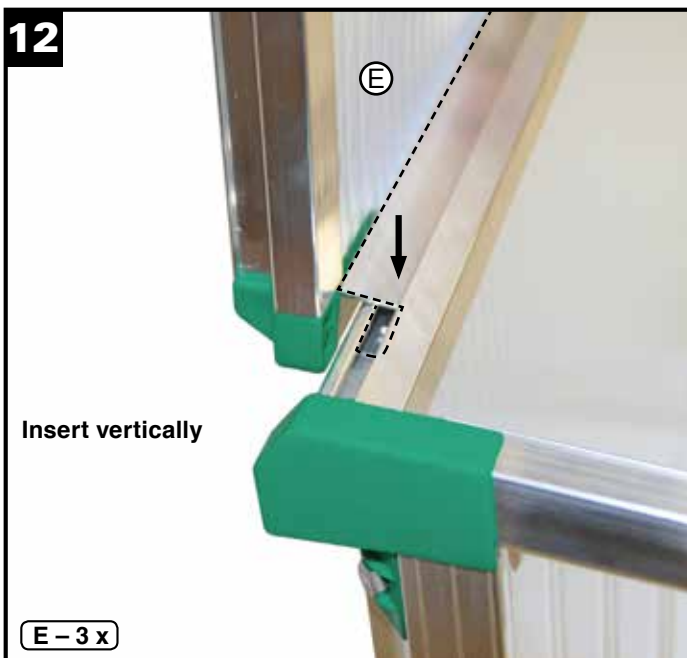
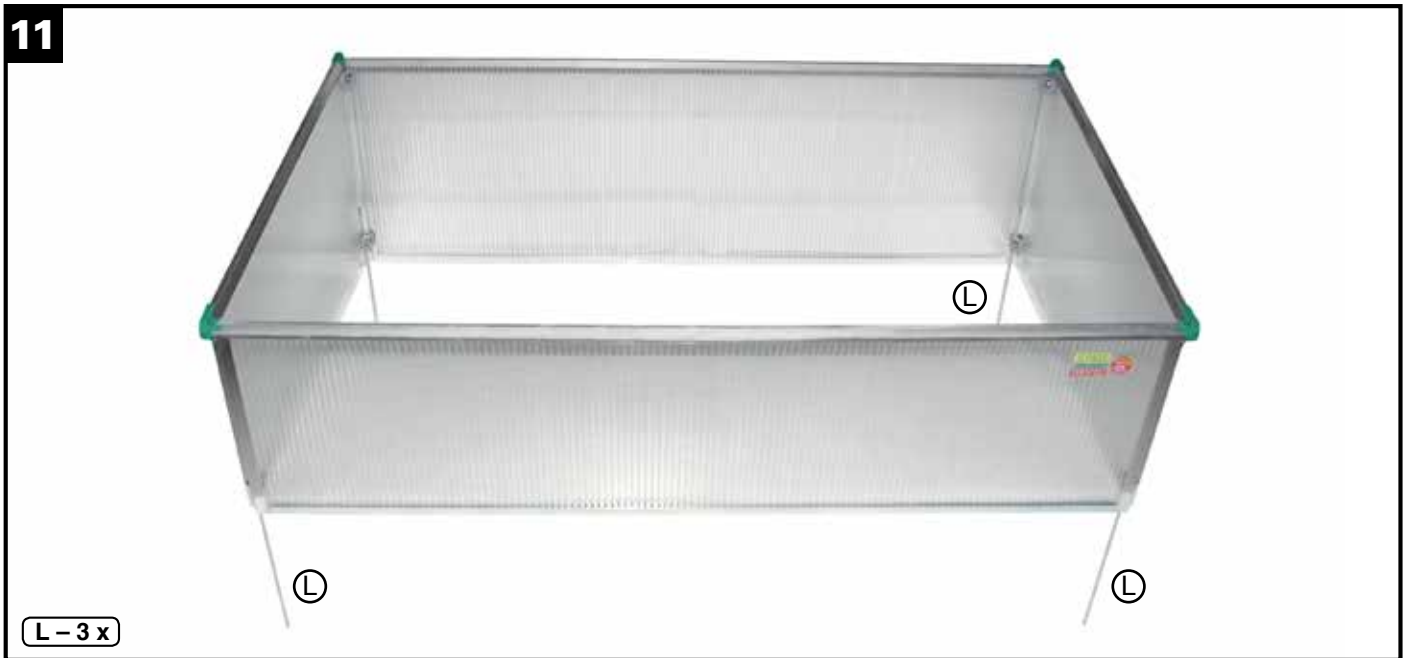
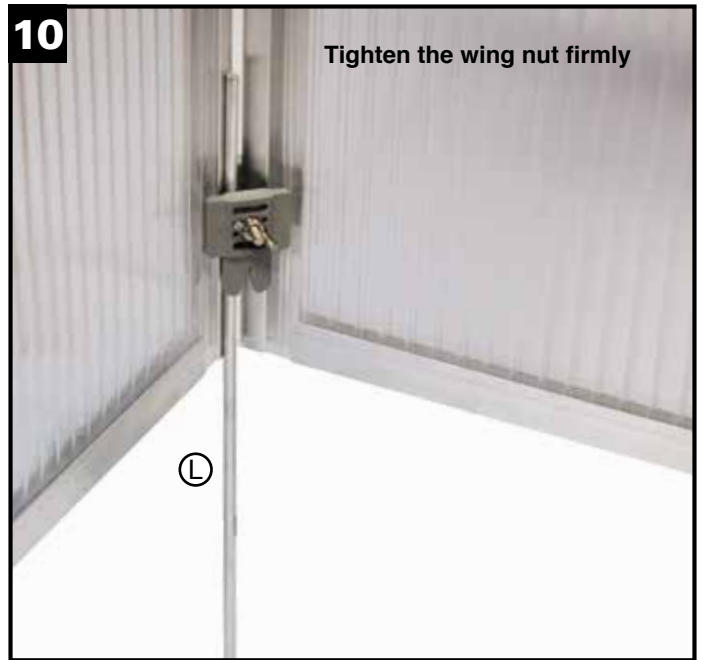
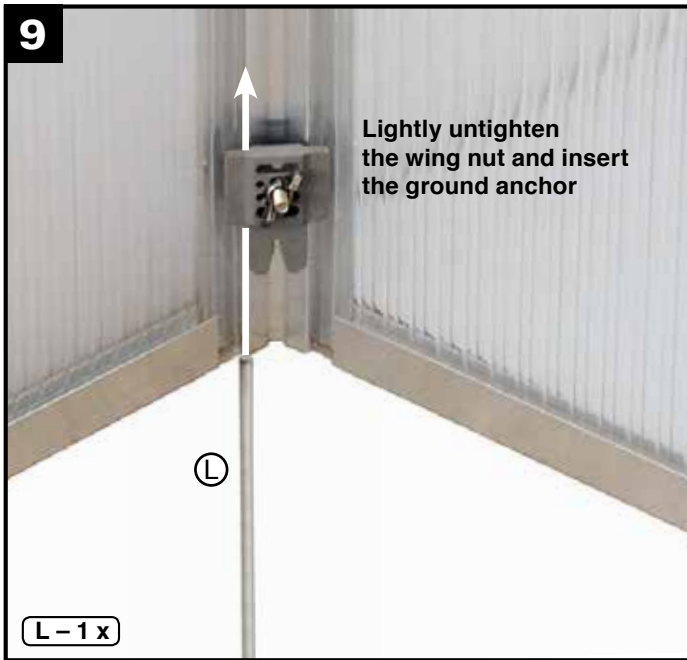
Gefahrenhinweis: Ein von starkem Wind und Sturm weggerissenes Frühbeet kann bei Personen und Sachgegenständen Schäden verursachen.

Warning: Strong wind or storm can fly the cold frame away and injure people or cause material damage.

Sécurité : Si la serre châssis est emportée par le vent ou une tempête, elle peut causer des blessures physiques et des dégâts matériels.







Automatic window opener for JUWEL cold frames and greenhouses (Art. no. 20047)

Components:

- A) Cylinder
- B) Lever assembly with two springs
- C) Hardware kit

The cylinder contains a liquid expanding contracting in consequence of the temperature and thus moving the piston rod.

ATTENTION: The inside of the cylinder is under pressure – do not block the opening of the piston rod, do not try to open the cylinder and do not expose the opener to heat. **Maximum opening weight 15 lb / 7 kg!**

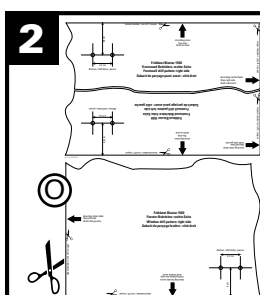
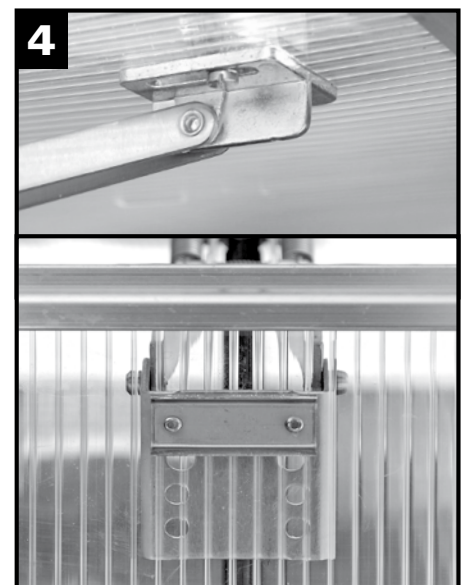
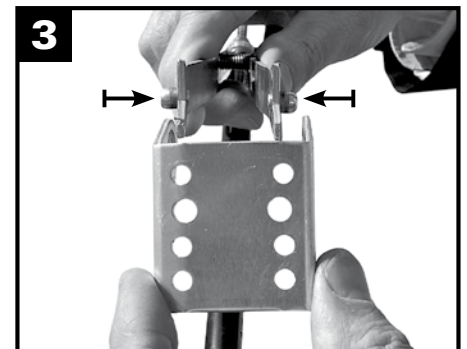
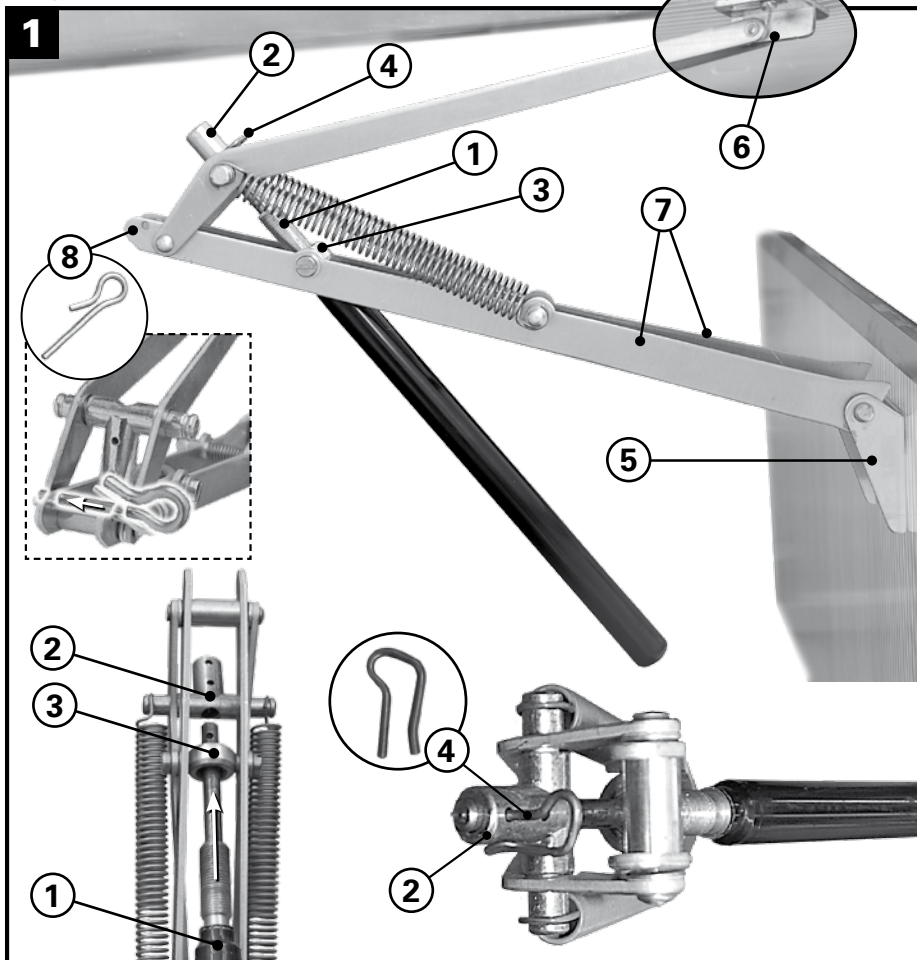
Warranty: A correctly fitted and used opener is guaranteed one full year, based on date of purchase as per dealer's receipt.

Maintenance: All moving parts should be lubricated from time to time by smearing the cylinder threads and piston shaft with a little vaseline.

Installation: As per **fig. 1** please install spring (8) to limit opening. Take the cylinder and insert the piston rod (1) through the threaded cylinder housing (3) into the receptacle in part (2). Screw the cylinder into the cylinder housing (3), adjust the hole of the piston rod to the first borehole of the receptacle in part (2) and secure with the smaller of the 2 pins (4). With the bracket held in place, pierce two holes through the polycarbonate by means of an ice-pick of spike, then insert two screws from inside an screw them into the threaded metal fittings held on the outside (**fig.2**). Remove the frame bracket (5) by squeezing the forks

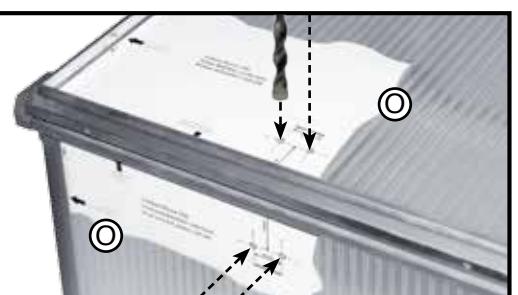
together (**fig. 3**) and mount it from inside on the panel of the frame, 1,6" / 40 mm below the aluminium edging on top of the panel, near to the mid-point of one of the top covers. The swivelling cover bracket (6) has to be mounted to the underside of the cold frame top cover with a distance of 2" / 50 mm from the edge and near the mid-point (**fig. 4**). Now attach the bottom of the Opener to the lower bracket by squeezing the lower forks (7) together. Make sure the top cover does not stick and can be easily moved.

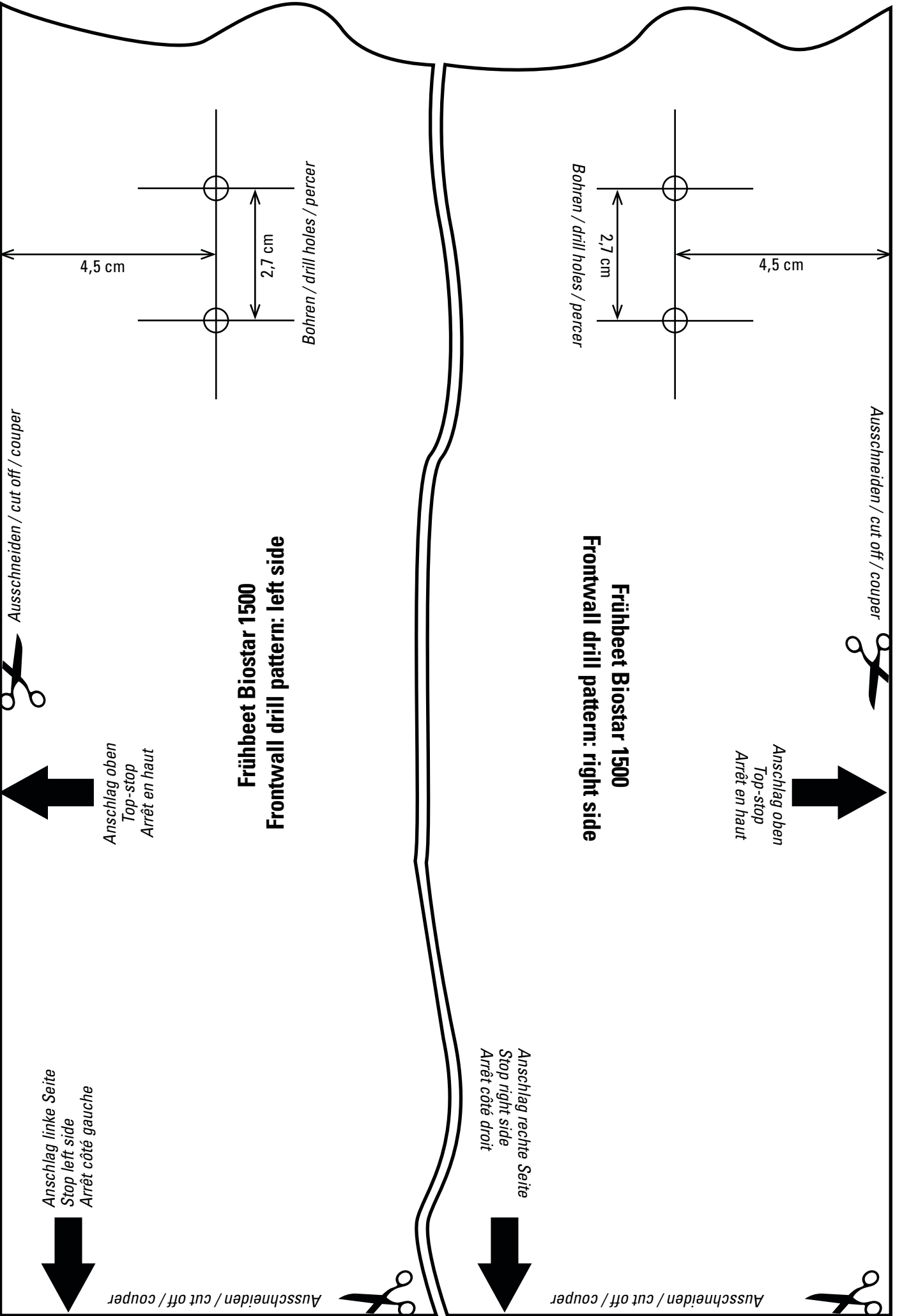
Adjustment: Turn the cylinder **CLOCKWISE** for the Opener to begin opening at a lower temperature, turn the cylinder **COUNTER-clockwise** for it to begin opening at a higher temperature and result in a narrower full-opening. Each full turn accounts for about 32,9°F / 0,5°C.



Cut the drill-pattern, put it on the cold frame and bore the holes marked on the pattern.

0-1x





Ausschneiden / cut off / couper



Anschlag linke Seite
Stop left side
Arrêt côté gauche

Frühbeet Biostar 1500 Window drill pattern: right side

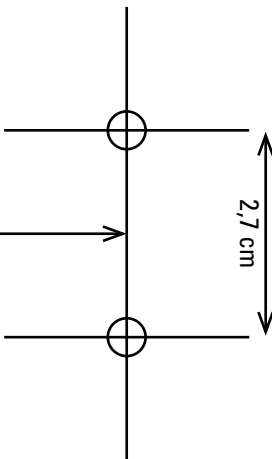
Anschlag Fenster vorne
Front window top-stop
Arrêt fenêtre avant



Ausschneiden / cut off / couper



4 cm



Bohren / drill holes / percer

Dear valued customer,

Please find below some advice on how to use your cold frame and increase your harvests.

This cold frame is made of double-wall polycarbonate glazing, as used in professional greenhouses. This special glazing lets sun rays go through and keeps warmth inside, which is essential for the growth of plants.

However, too hot temperatures can be harmful for plants! That's why we advise you to open or remove the sliding walls of the window when sun rays are particularly intensive. When it's colder (below 10°C/50°F), close the windows to keep warmth inside the cold frame.

Despite its excellent insulation, the cold frame still needs sunlight when it's cold outside. If you are experiencing several days without sunlight and very cold temperatures, you may need a complementary heat source (e.g. heat lamp) to keep the cold frame from freezing.

The morning is the best time to water your plants, which should be dry again by the evening, when it gets colder. Thus, the plants do not cool off so much and the risk of fungal infection is reduced.

Please choose seeds suitable for greenhouse culture.

The ground stakes should be hammered slantwise, so that the cold frame is well stabilised. By strong wind, it may be necessary to use an additional fixing system. If it's likely to be windy, close the window and lock the window handle securely to keep the window from flying away.



Attention! Strong wind or storm, can fly the cold frame away and injure people or cause material damage. Close the window and fix them, additional fixing system, e.g. concrete stones may be necessary.

At last, we wish you plentiful harvests!

GB This PE-packaging is not a toy! Risk of suffocation! Please dispose the packaging into the sorting station for plastic immediately after unpacking. (PE is non-polluting and non-toxic.)

Care instructions: This JUWEL quality product was produced with weatherproof materials and may be washed down with a garden hose. Do not clean with sharp or rough objects or with aggressive detergents.