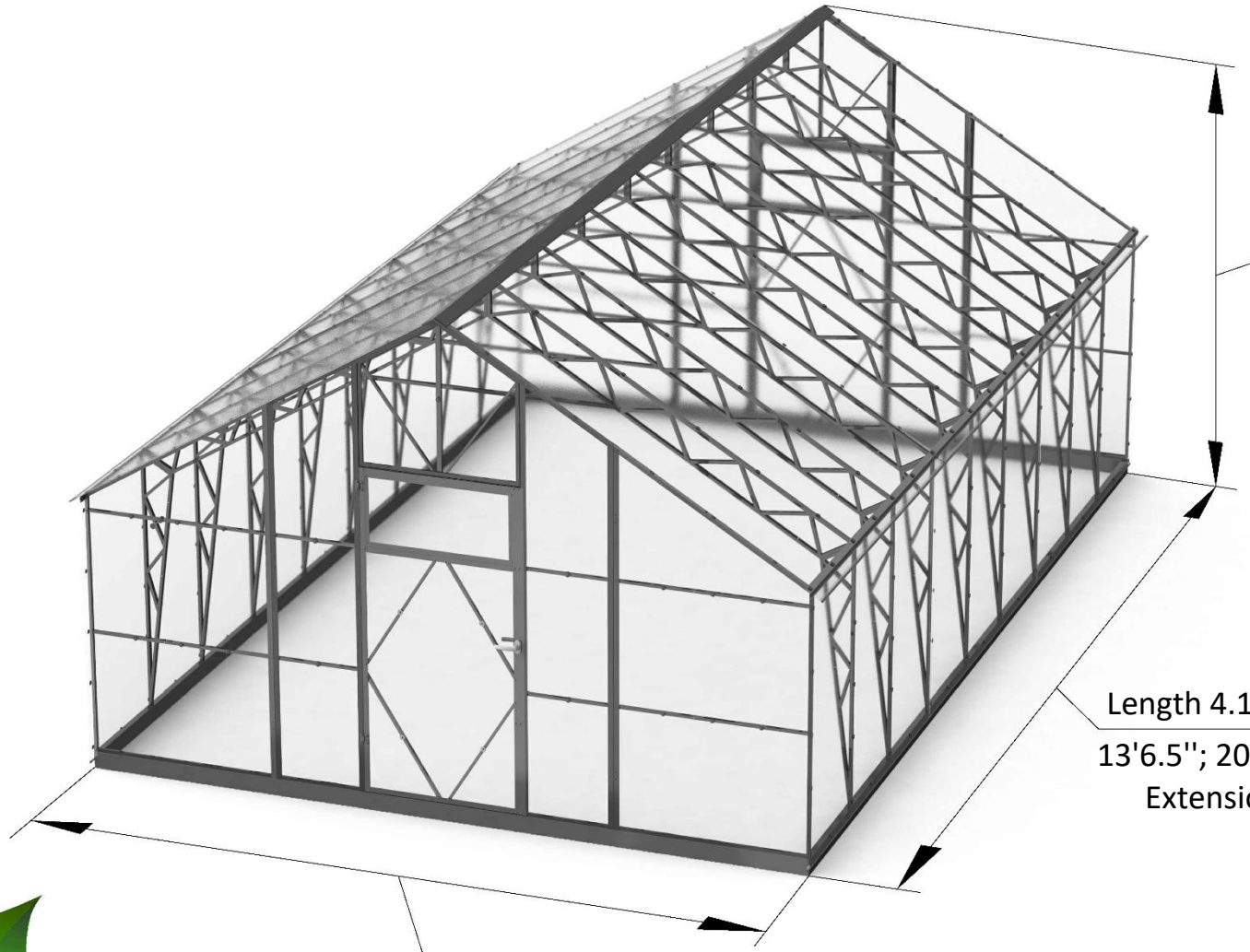
Greenhouse EH 4.0

Assembly and Installation Guide



ECOSLIDER HEIKKINEN

Before You Begin

Dear Customer,
Thank you for choosing Ecoslider Greenhouses!

Description:

Ecoslider Greenhouses are designed to create a microclimate favorable for plant growth.

The length of the greenhouse can vary depending on the buyer's preference. The desired length of the greenhouse is achieved by purchasing additional extension kits. Each extension kit extends the basic length of the greenhouse by 2.113 meters (6’ 11.19’’). The length of the basic kit is 4.128 meters (13’ 6.52’’). The installed frame height of the greenhouse is 2.76 meters (9’ 0.66’’).

The greenhouse frame is made of galvanized steel profile with a high zinc content, ensuring high strength, reliability, and protection against external factors. The greenhouse is covered with cellular polycarbonate from leading European manufacturers, providing high strength, excellent thermal insulation properties, protection against ultraviolet radiation, and high natural transparency.

Goods acceptance:

Upon receiving the goods, please check the number of boxes you are supposed to receive. If you find any damage to the boxes, please note this on the transport document. Check for any damage to the parts in these boxes. Contact customer support at +(372) 528-4100 or email us at info@ecoslider.com. Photos will help us identify the parts and assess their degree of damage. Please inform us of any issues before starting installation within the shortest possible time (3 days after receiving the goods) to avoid warranty complications.

Minor scratches and paint abrasions on the visible surface of the metal parts of the greenhouse are allowed.

On the polycarbonate sheets, punctures, creases (defects resulting from sharp bending), and dents (damage in the form of a depression with sharp edges) are not allowed.

Should you have any further inquiries or require assistance, please do not hesitate to contact us.

Operating rules:

- Before starting to use the greenhouse, it must be assembled and installed according to the instructions. When installing the greenhouse by third parties, the buyer should ensure the quality of assembly compliance with the instructions.
- Do not install the greenhouse close to buildings and trees from which snow or ice can fall. The recommended distance is at least 2 meters away from such structures or trees.
- The greenhouse is rated to withstand winds of 38 m/s (137 km/h), but the warranty applies to a maximum of 21 m/s (76 km/h).
- Do not leave the greenhouse door open unattended during strong winds.
- If the greenhouse will be unattended for the entire winter, the buyer must either assess the possible snow load or remove snow from the roof.

Warranties:

- The general warranty for our greenhouses, including movable elements such as doors, windows, locks, hinges, etc., is 2 years.
- Manufacturer's warranty for polycarbonate - 10 years.
- Warranty for galvanized trusses - 10 years.
- The manufacturer is responsible for the completeness of the kit.
- The manufacturer is responsible for the ease of assembly of the structure according to the instructions.
- The manufacturer is responsible for the structural strength within the specified operating rules.

Our warranty does not cover instances of:

- Improper installation contrary to instruction requirements.
- Breach of operating guidelines.
- Misuse of the greenhouse for unintended purposes.
- Unauthorized modifications to the greenhouse structure.
- Deformation due to exceeding snow load capacities.
- Structural damage resulting from ground movement.

Table of contents

Assembly and installation recommendations

Please read the instructions carefully before assembling.
Follow the steps indicated in the instructions. Final assembly and Installation must be performed by at least two people.

Safety:

- Some parts may have sharp edges. Be careful when working with them. Use gloves.
- The complete installation of the greenhouses should be done within one day.
- When using ladder and electrical appliances, follow the manufacturer's safety instructions.
- Do not install the greenhouse when the wind is more, then 4÷5 m/s or when it is raining.

Assembly:

- Select a flat surface to assemble the greenhouse components.
- Polycarbonate sheets must be installed with the **UV** protected side**,** facing out.
- Prior to installation of polycarbonate, remove the protective film from both sides of the sheets.
- If there is a protective film on metal parts, remove the film.
- If there is a protective film on the metal parts of greenhouse, remove it.
- When fastening polycarbonate sheets with screws and nuts, do not apply great effort to avoid leaving dents.
- Secure the greenhouse to a solid leveled surface to ensure proper functioning.

Tools

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Complete set

Equipment			Quantity, pcs. (BASE) 0	Number of extensions in the greenhouse 1	2	3	4	...	N	Note
Name	Qty (BASE)	Col. In 1 extend	EH 4.0 / 13' 1.48'' greenhouse length range, m/ft 4,128	6,241	8,354	10,467	12,580	...	4,128+(2,113*N)	
			13' 6.52''	20' 5.71'	27' 4.9''	34' 4.09''	41' 3.28''		13' 6.52''+(6' 11.19''xN)	
Details										
Left part	2	0	2	2	2	2	2		2	End walls assembly
Right part	2	0	2	2	2	2	2		2	End walls assembly
Insert left	2	0	2	2	2	2	2		2	End walls assembly
Insert right	2	0	2	2	2	2	2		2	End walls assembly
Smartventor	2	0	2	2	2	2	2		2	End walls assembly
Doors	2	0	2	2	2	2	2		2	Final installation
Truss top	10	6	10	16	22	28	34		10+6N	Trusses assembly
Truss leg	10	6	10	16	22	28	34		10+6N	Trusses assembly
C3	2	0	2	2	2	2	2		2	Support frame
C4	2	0	2	2	2	2	2		2	Support frame
C11	2	0	2	2	2	2	2		2	Support frame
C12	2	0	2	2	2	2	2		2	Support frame
C13	2	0	2	2	2	2	2		2	Support frame
J1	2	0	2	2	2	2	2		2	Support frame
J1R	2	0	2	2	2	2	2		2	Support frame
J2	4	0	4	4	4	4	4		4	Support frame
J3	0	2	0	2	4	6	8		2N	Support frame
J4	0	2	0	2	4	6	8		2N	Support frame
E3	2	2	2	4	6	8	10		2	Support frame
T9	2	0	2	2	2	2	2		2	End walls assembly
H12	2	0	2	2	2	2	2		2	End walls assembly
U4	5	3	5	8	11	14	17		5+3N	Trusses assembly
MS1	4	0	4	4	4	4	4		4	Mauerlat
MS3	0	2	0	2	4	6	8		2N	Mauerlat
SK1	2	0	2	2	2	2	2		2	Roof ridges
SK2	2	0	2	2	2	2	2		2	Roof ridges
SK3	0	1	0	1	2	3	4		N	Roof ridges
SK4	0	1	0	1	2	3	4		N	Roof ridges
L_55x75	4	0	4	4	4	4	4		4	Support frame
L_40x90	8	2	8	10	12	14	16		8+2N	Support frame
Bended bar	8	2	8	10	12	14	16		8+2N	Support frame
Z6 (Cap)	2	0	2	2	2	2	2		2	Final installation
DV12 (Lock cover)	2	0	2	2	2	2	2		2	Door
KR2	8	4	8	12	16	20	24		8+4N	Panel installation

Equipment			Quantity, pcs. (BASE) 0	Number of extensions in the greenhouse 1	2	3	4	...	N	Note
Name	Qty (BASE)	Col. In 1 extend	EH 4.0 / 13' 1.48'' greenhouse length range, m/ft 4,128	6,241	8,354	10,467	12,580	...	4,128+(2,113*N)	
			13' 6.52''	20' 5.71'	27' 4.9''	34' 4.09''	41' 3.28''		13' 6.52''+(6' 11.19''xN)	
Polycarbonate panels										
Polycarbonate panel (PP) 2100x1500	4	2	4	6	8	10	12		4+2N	Wall
Polycarbonate panel (PP) 2100x2380	4	2	4	6	8	10	12		4+2N	Roof
Accessories										
Door handle	4	0	4	4	4	4	4		4	Door
Door lock	2	0	2	2	2	2	2		2	Door
Square	2	0	2	2	2	2	2		2	Door
Lock Screw M5x35	4	0	4	4	4	4	4		4	Door
Magnet assembly	2	0	2	2	2	2	2		2	Door
U-profile (2100 mm)	8	4	8	12	16	20	24		8+4N	Wall, Roof
H-profile (1500 mm)	2	2	2	4	6	8	10		2+2N	Wall
H-profile (2380 mm)	2	2	2	4	6	8	10		2+2N	Roof
Protective Tape, m	33.6	16.8	33.6	50.4	67.2	84.0	100.8		33.6+16.8N	PP
Fasteners										
Screw 4.2x19 DIN 7504 T	486	132	486	618	750	882	1014		486+132N	Total
Screw 4.2x25 DIN 7504 T	38	30	38	68	98	128	158		38+30N	Total
Washer 25x6.5x1.2 DIN 522	236	106	236	342	448	554	660		236+106N	Total
Bolt M6x16 DIN 912	30	18	30	48	66	84	102		30+18N	Trusses
Butterfly nut M6 DIN 315	30	18	30	48	66	84	102		30+18N	Trusses
Washer plastic 22x8.4x2	4	0	4	4	4	4	4		4	Door

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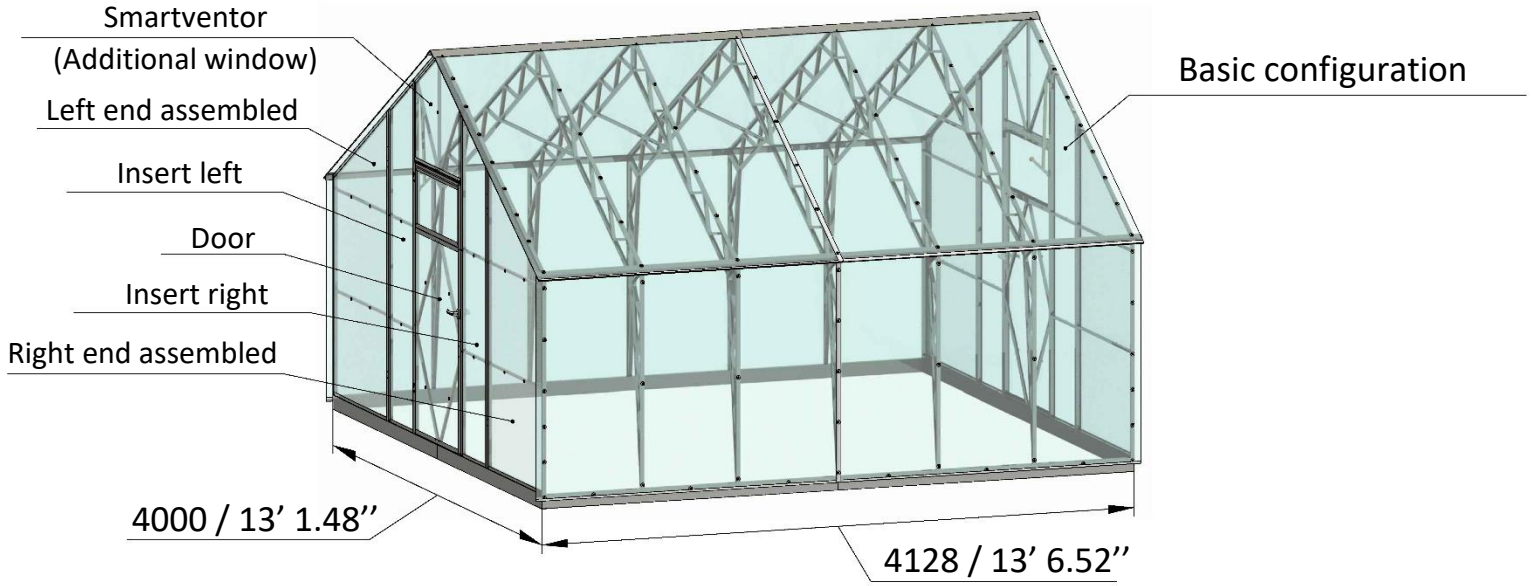
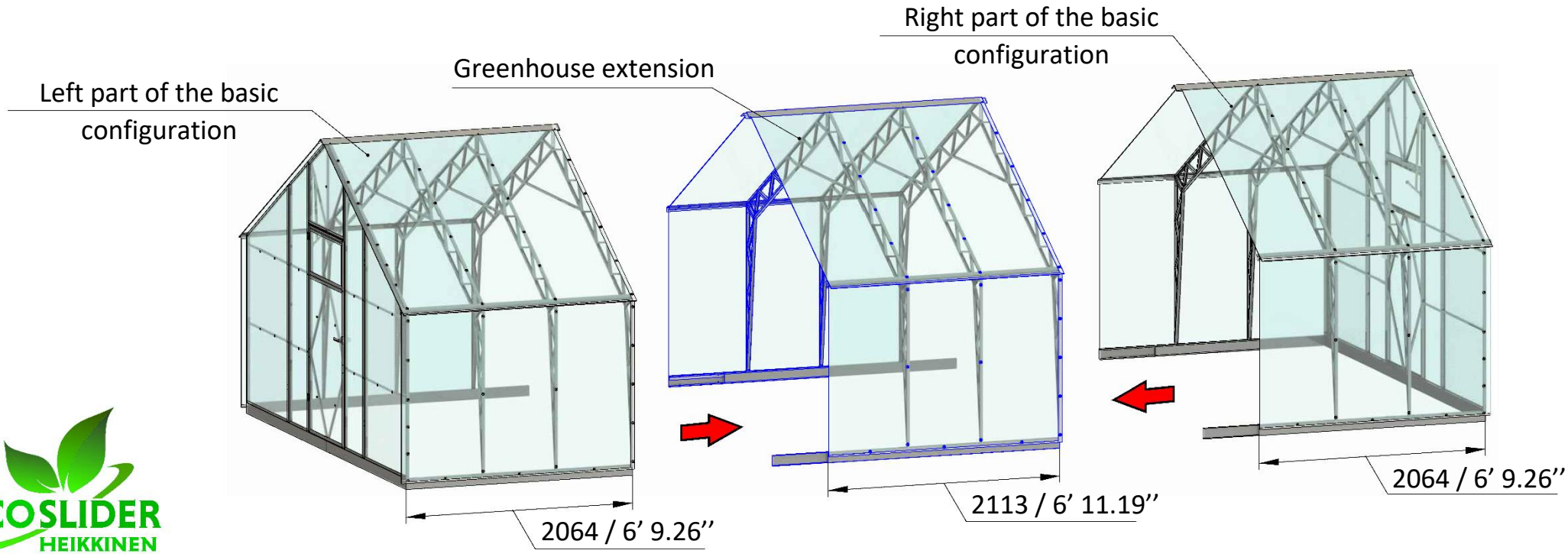
N – number of standard extensions (2.113 m / 6' 11.19'')
in addition to the base length of the greenhouse.
Base length – 4.128 m / 13' 6.52''.

Complete set





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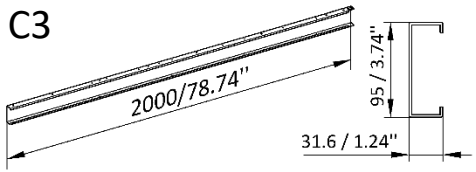
Content

Support frame

C3



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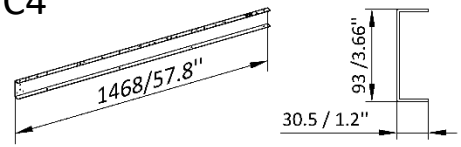

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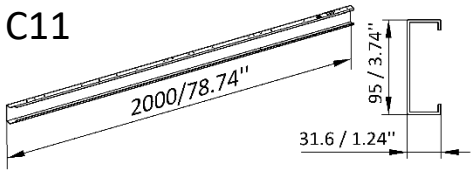

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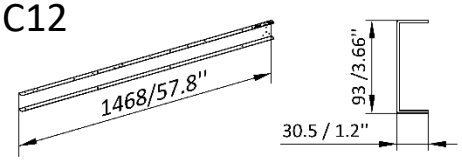

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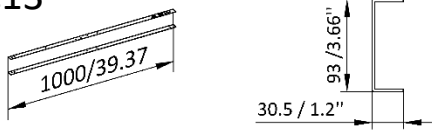
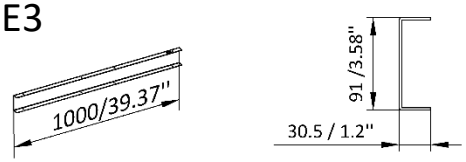


E3



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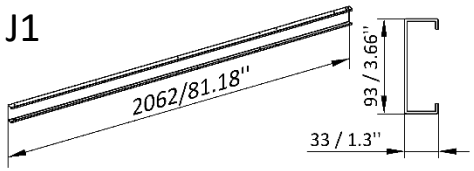

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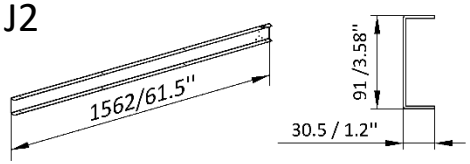

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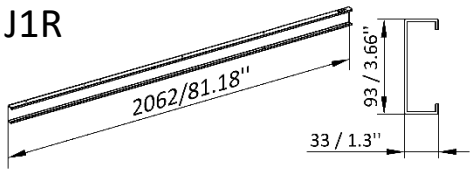

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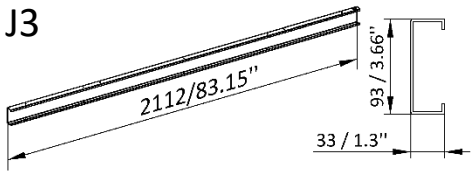

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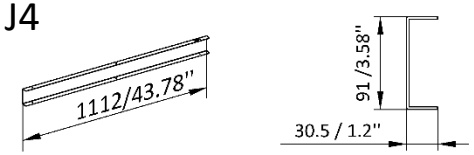
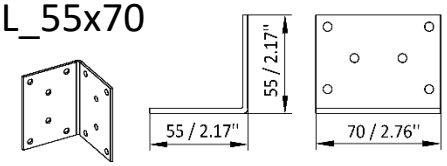
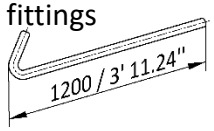


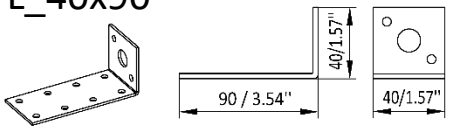
L_55x70



Fastening fittings



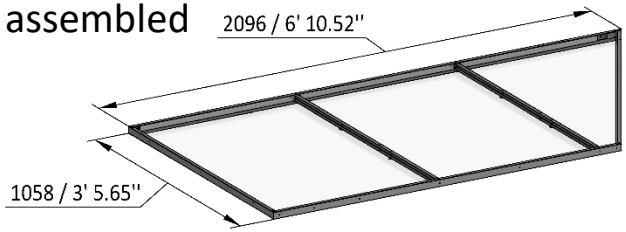
L_40x90



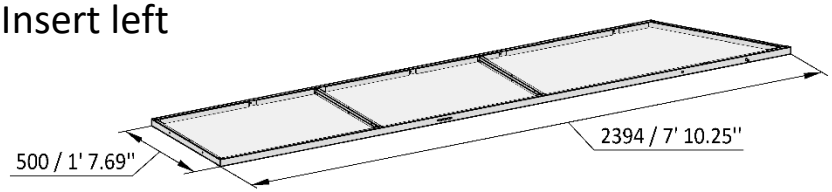
End walls

Left end assembled

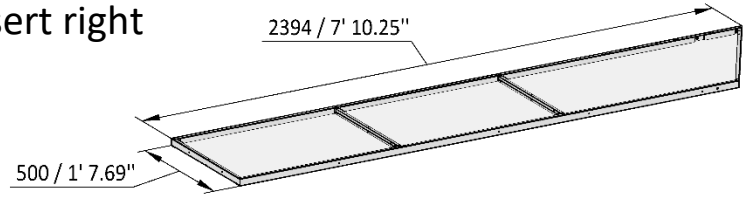
Right end assembled



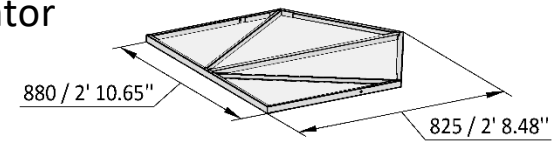
Insert left



Insert right



Smartventor



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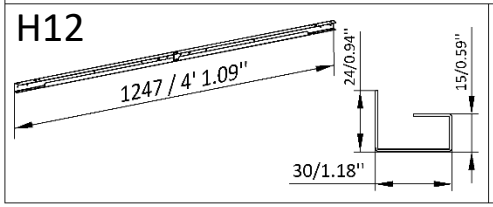
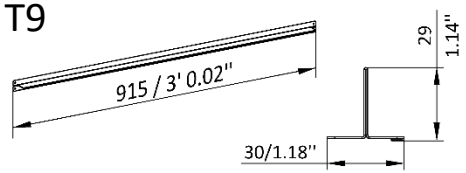


T9



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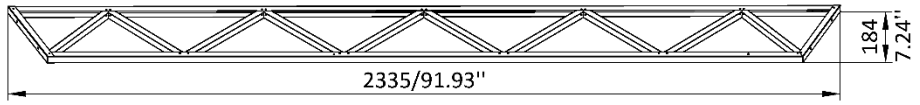
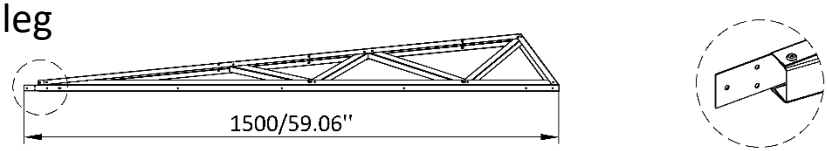
Content

Trusses

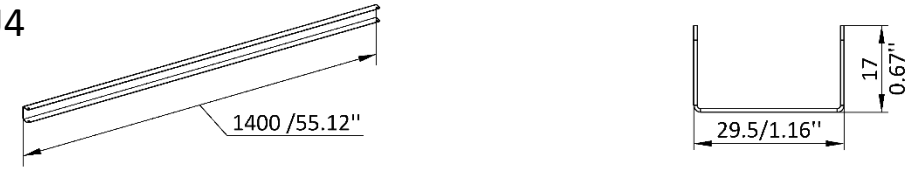
Truss top



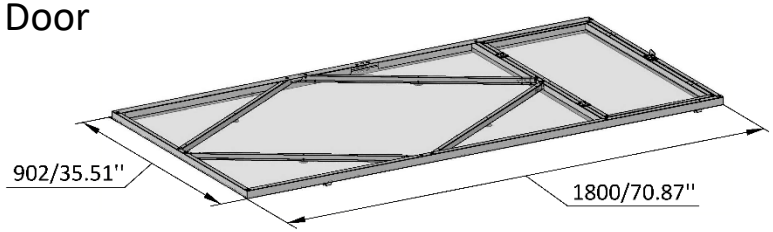
Truss leg



U4

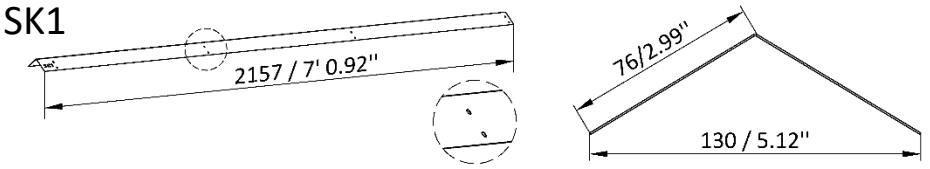


Door

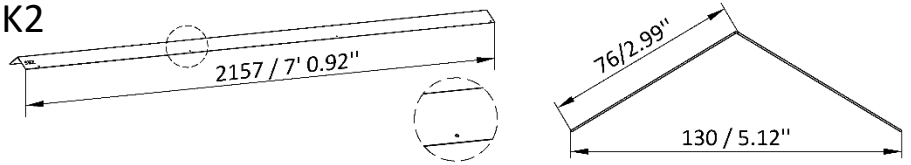


Roof ridges and mauerlat

SK1



SK2



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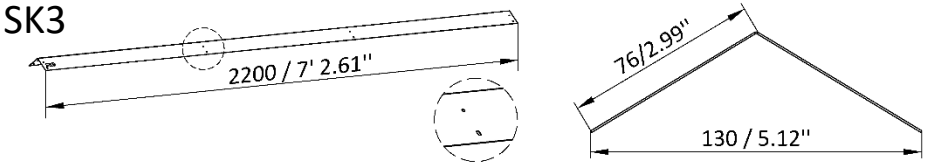

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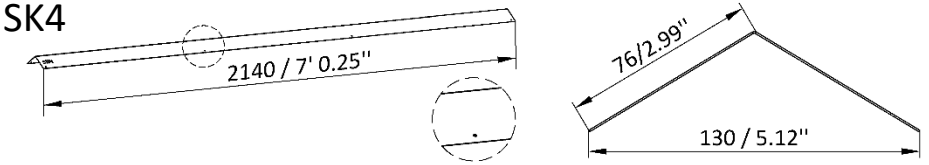
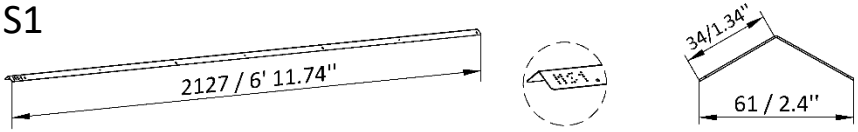


MS1



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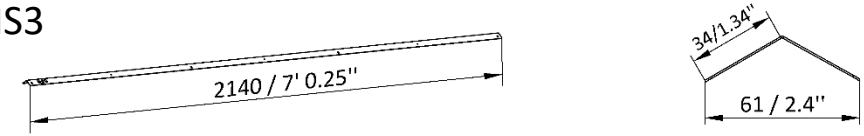

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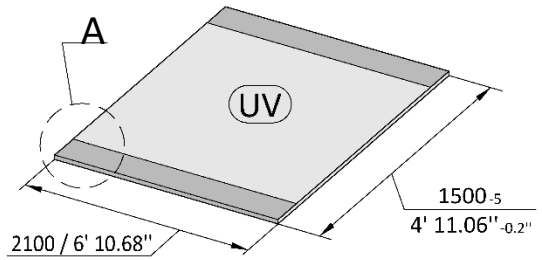
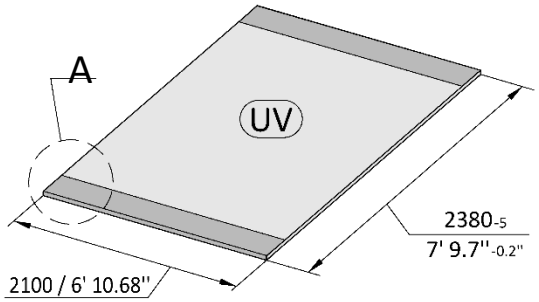
Content

Cellular polycarbonate sheets

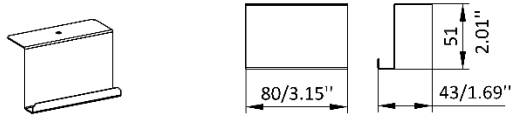
Polycarbonate panel (PP) 2100x1500



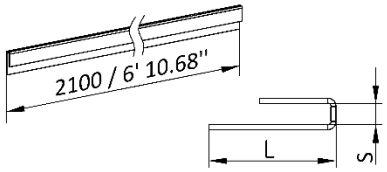
Polycarbonate panel (PP) 2100x2380



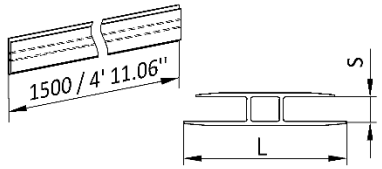
KR2



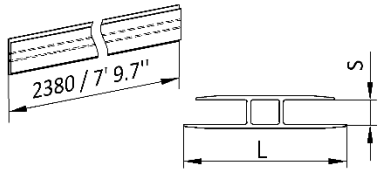
U- profile (2100 mm)



H- profile (1500 mm)



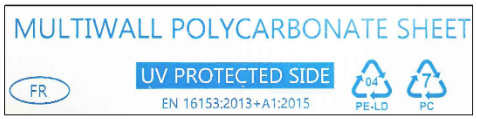
H- profile (2380 mm)



Protective Tape (PT)

UV protected side (covered with white film) **facing outwards during installation**

Before installation, remove the film from both sides of the polycarbonate sheet

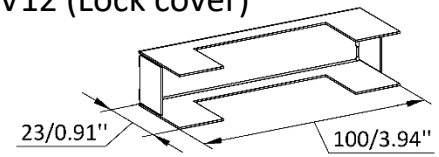


Installation of handles

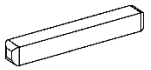
Door handle

Door lock

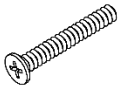
DV12 (Lock cover)



Square

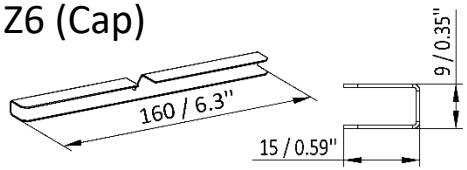


Lock screw M5x35

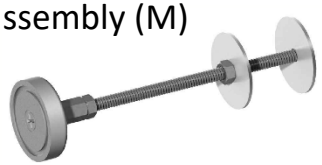


Accessories

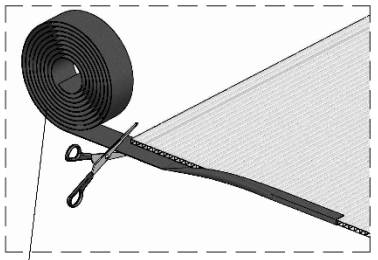
Z6 (Cap)



Magnet assembly (M)



A



Protective Tape (PT)

- Protects PC against dust, dirt, insects.
- Allows condensation to escape.
- Prevents fungus formation.

Fasteners

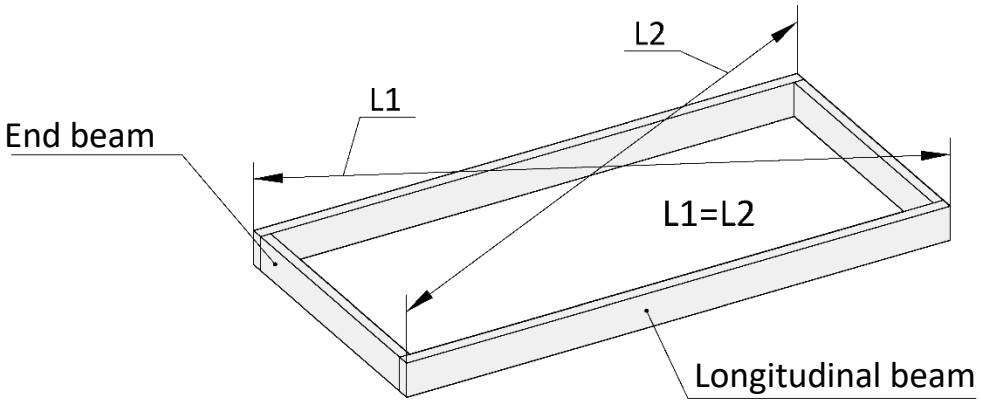
Screw 4,2x19 DIN 7504 T 	Screw 4,2x25 DIN 7504 T 
Bolt M6x16 DIN 912 	Butterfly nut M6 DIN 315 
Washer 25x6.5x1.25 DIN 522 	Washer plastic 22x8.4x2 DIN 9021 

1. Support frame assembly

Assembly order:

1. Find a flat surface to assemble the support frame and begin assembly.
2. Assemble the longitudinal and end parts of the support frame according to the specifications outlined in paragraphs 1.1, 1.2, 1.3, and 1.4.
3. Lay out the longitudinal and end parts of the support frame as shown in Figure A on page 12. Note the "UP" marking indicating the top of the beam (Fig. C).
4. Check the equality of the diagonals L1 and L2 of your support frame. L1 = L2 (Figure E).
5. Use a level to verify the horizontal alignment of the support frame. The deviation from the horizontal position should not exceed 2-3 mm over a 3 m length. This ensures proper installation of polycarbonate panels.
6. Connect the longitudinal parts of the support frame using self-tapping screws, as illustrated in Figure A.
7. Secure the longitudinal and end parts of the support frame using corner brackets (55x70) at four locations.
8. Install 40x90 brackets on the outer sides of the support frame. For secure fastening, insert the reinforcement into the hole in the 40x90 bracket and drive it into the ground at a 45-degree angle. The approximate locations of the brackets are shown in Figure A. If the installation is on a solid foundation (e.g., concrete), secure the 40x90 bracket on the inside using appropriate fasteners.
9. It is recommended to attach the support frame after the greenhouse is completely assembled.

E
Support frame



Complete set

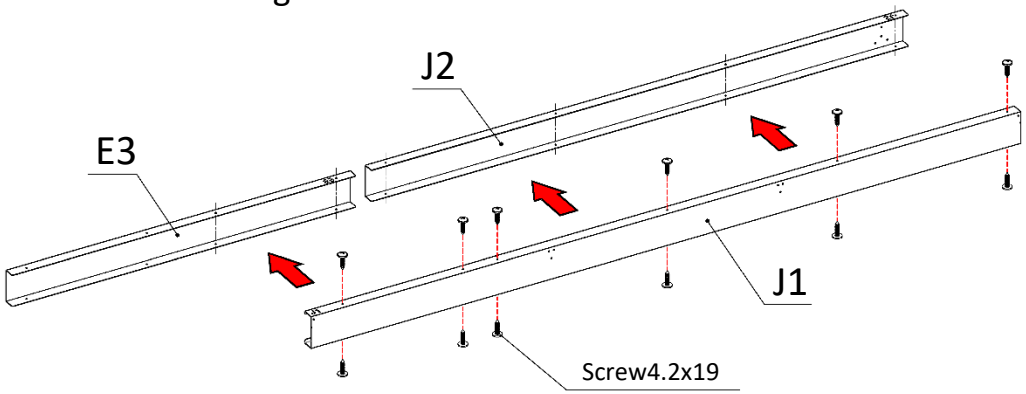
Support frame			EH 4.0 / 13' 1.48'' greenhouse length range, m/ft						
			4,128	6,241	8,354	10,467	12,580	...	4,128+(2,113*N)
			13' 6.52''	20' 5.71'	27' 4.9''	34' 4.09''	41' 3.28''		13' 6.52''+(6' 11.19''xN)
			(BASE)	Number of extensions in the greenhouse					
			0	1	2	3	4	...	N
Name	Qty (BASE)	Col. 1 extend	Quantity, pcs.						
C3	2	0	2	2	2	2	2		2
C4	2	0	2	2	2	2	2		2
C11	2	0	2	2	2	2	2		2
C12	2	0	2	2	2	2	2		2
C13	2	0	2	2	2	2	2		2
J1	2	0	2	2	2	2	2		2
J1R	2	0	2	2	2	2	2		2
J2	4	0	4	4	4	4	4		4
J3	0	2	0	2	4	6	8		2N
J4	0	2	0	2	4	6	8		2N
E3	2	2	2	4	6	8	10		2+2N
Bracket L_ 55x70	4	0	4	4	4	4	4		4
Bracket L_40x90	8	2	8	10	12	14	16		8+2N
Fastening fittings	8	2	8	10	12	14	16		8+2N
Screw 4.2x19 DIN 7504	188	44	188	232	276	320	364		188+44N

ECOSLIDER HEIKKINEN

1. Support frame assembly

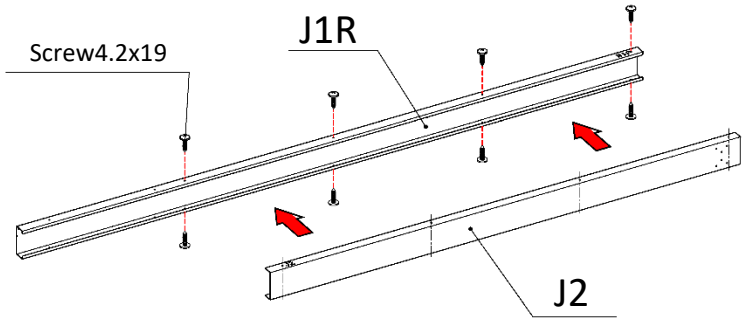
1.1 Longitudinal beam J1+J2+E3

J1	J2	E3	Screw 4.2x19	
1	1	1	12	x2



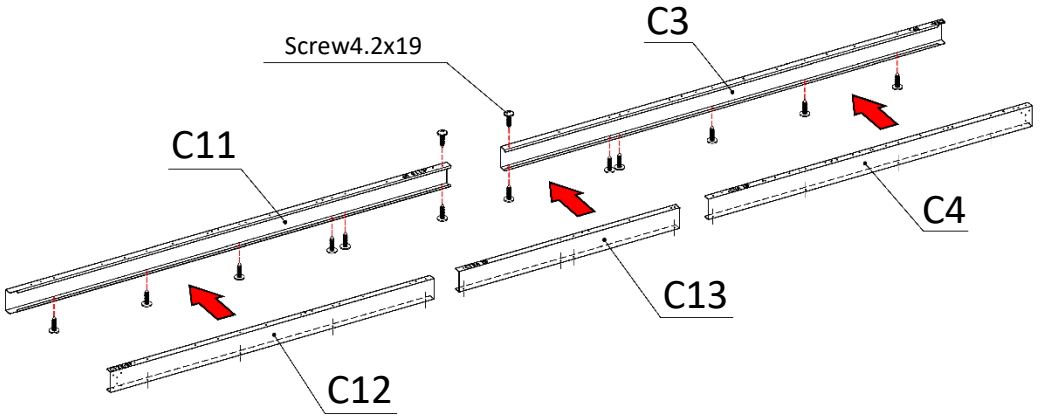
1.2 Longitudinal beam J1R+J2

J1R	J2	Screw4.2x19	
1	1	8	x2



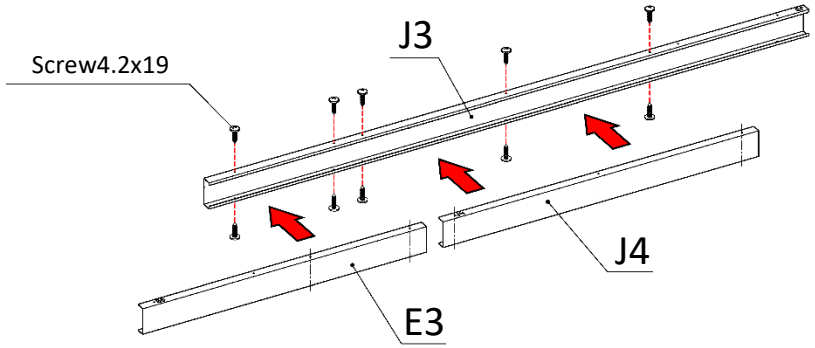
1.3 End beam C3+C4+C11+C12+C14

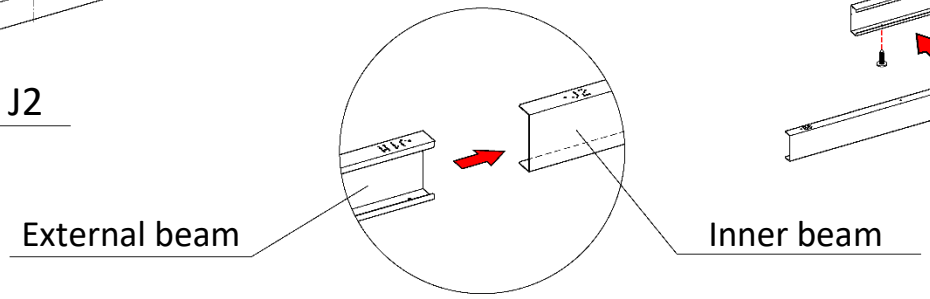
C3	C4	C11	C12	C13	Screw4.2x19	
1	1	1	1	1	14	x2



1.4 Extension J3+J4+E3

J3	J4	E3	Screw4.2x19	
1	1	1	10	x2N





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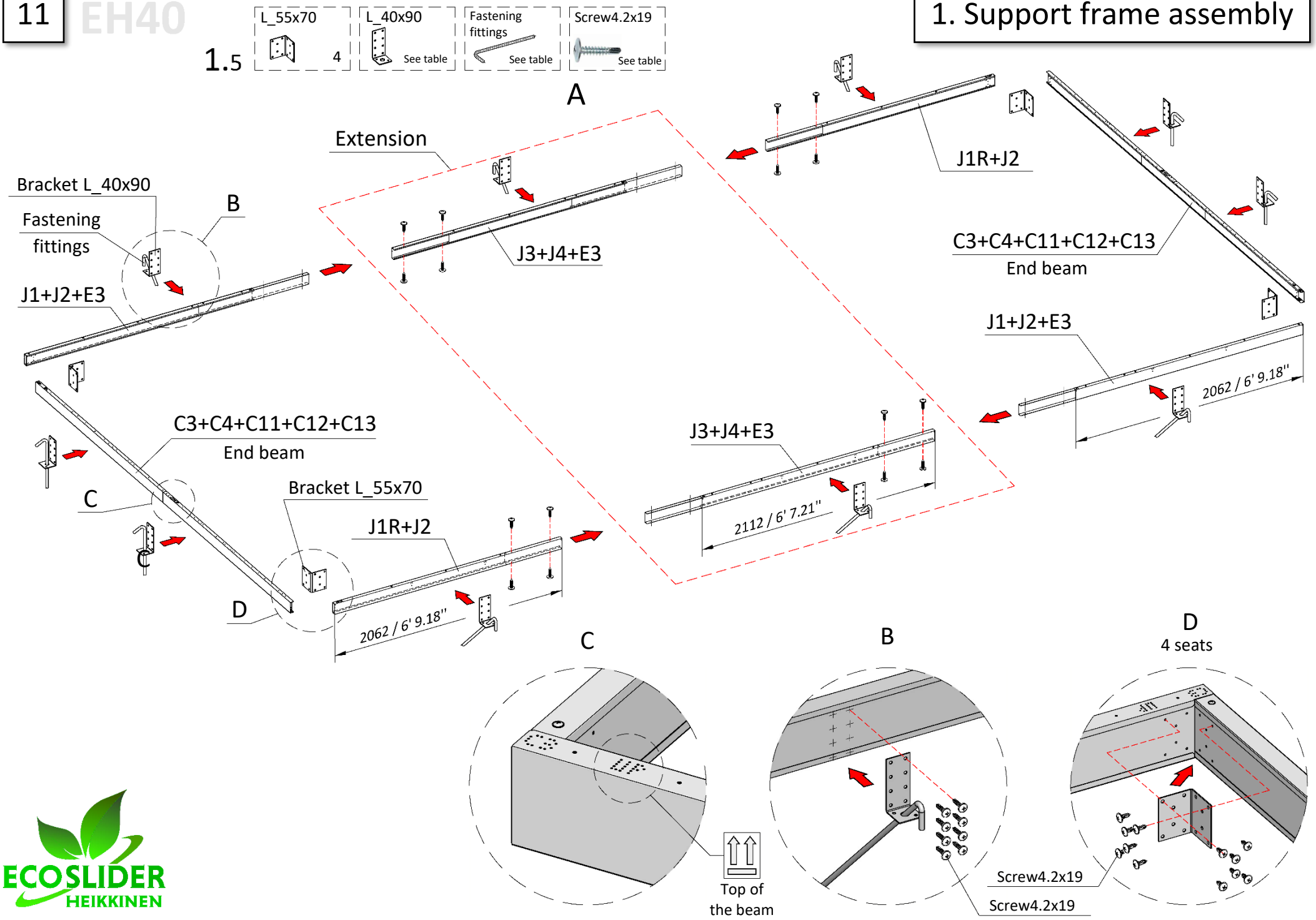
1. Support frame assembly

1.5

L_55x70	L_40x90	Fastening fittings	Screw4.2x19
4	See table	See table	See table



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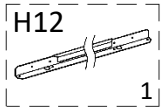
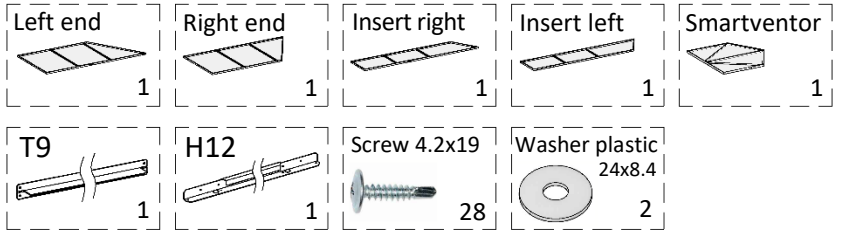
2. End walls assembly

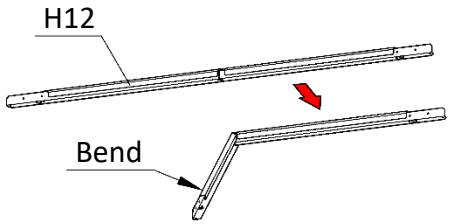
x2

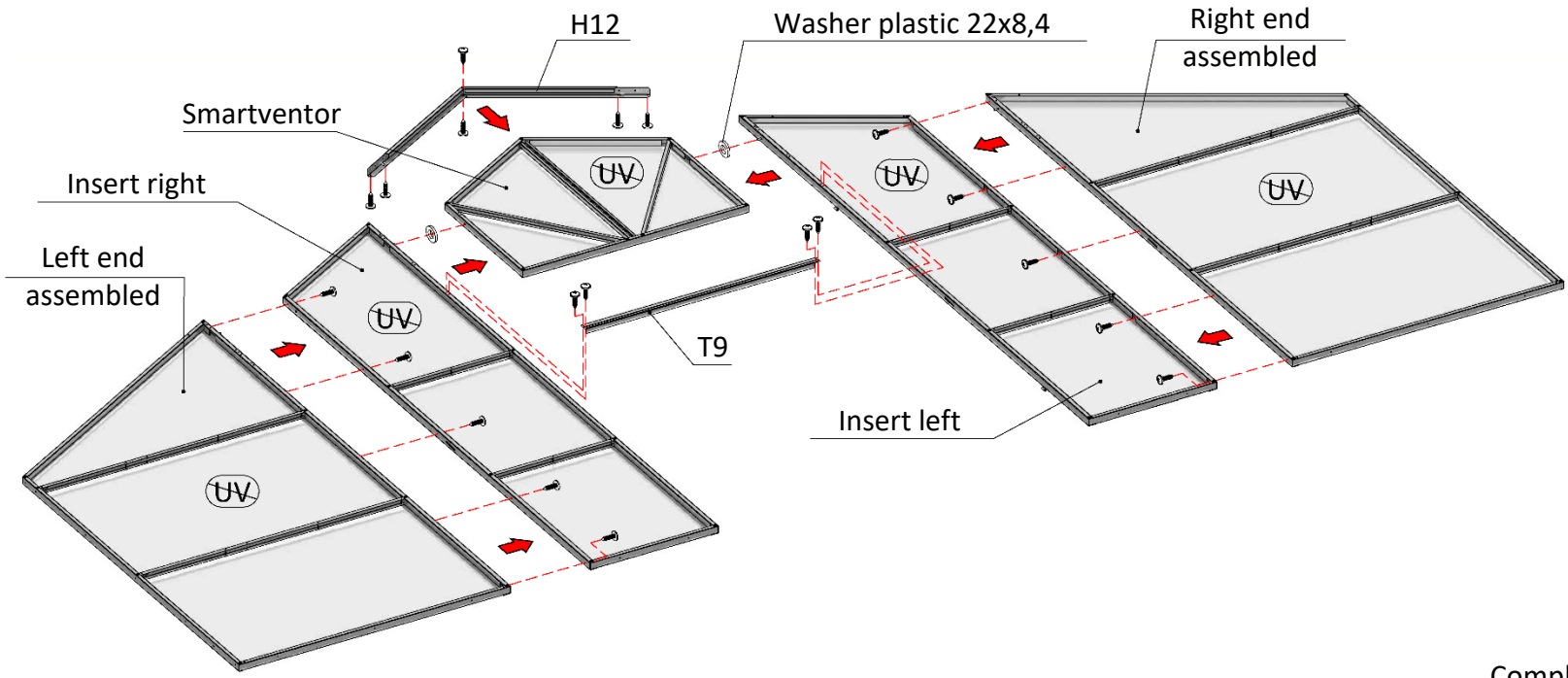
2.1



2.2







Assembly order:

1. Find a flat surface to assemble the ends on and begin assembling.
2. **IMPORTANT!!!** Polycarbonate sheets should be installed with the **UV** protection side (covered with white film) facing out.
3. Assemble the right and with right insert, the left and with left insert.
4. Next, connect the assembled structures to the smartventor. To do this, place 22x8.4 plastic washers on the pins at the ends and align them with the holes in the Smartventor.
5. Install the T9 and H12 profile. To do this, place the T9 and H12 profile on the ends, align the holes, and secure profile to the ends, as shown in the figure.
6. The Smartventor should rotate freely without jamming.
7. At this stage, it is recommended to install a Smartventor opening mechanism, manual or automatic, to avoid spontaneous opening during installation. For installation, see appendices to instructions 1 and 2.

Complete set

End walls assembly		
Name	**Qty (BASE)**	**Col. in 1 extend**
Left end assembled	2	0
Right end assembled	2	0
Insert left	2	0
Insert right	2	0
Smartventor	2	0
H12	2	0
T9	2	0
Screw 4.2x19 DIN 7504	52	0
Washer plastic 24x8.4x2	4	0

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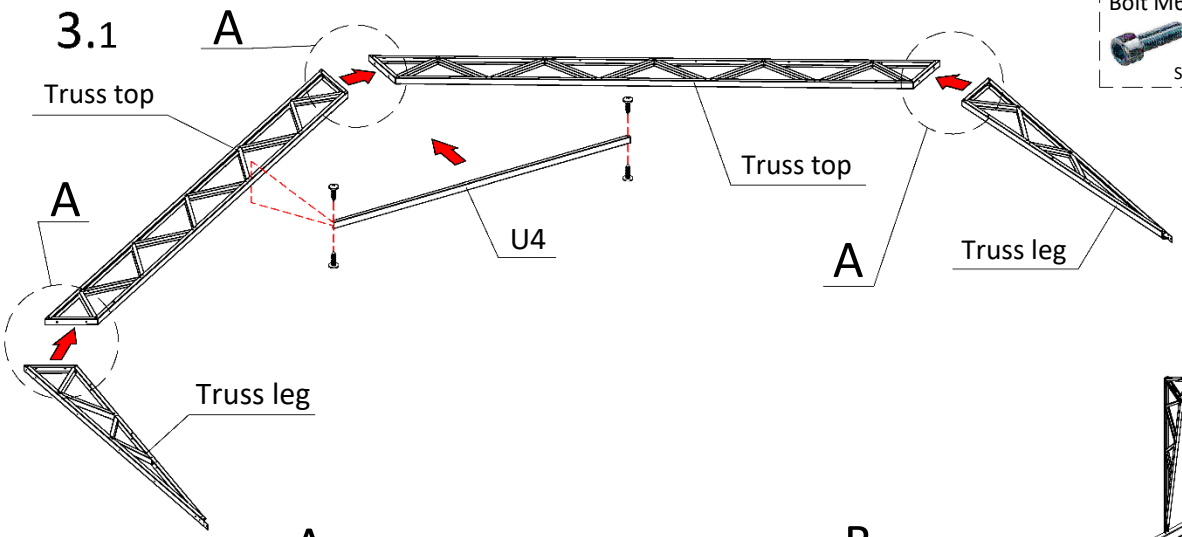
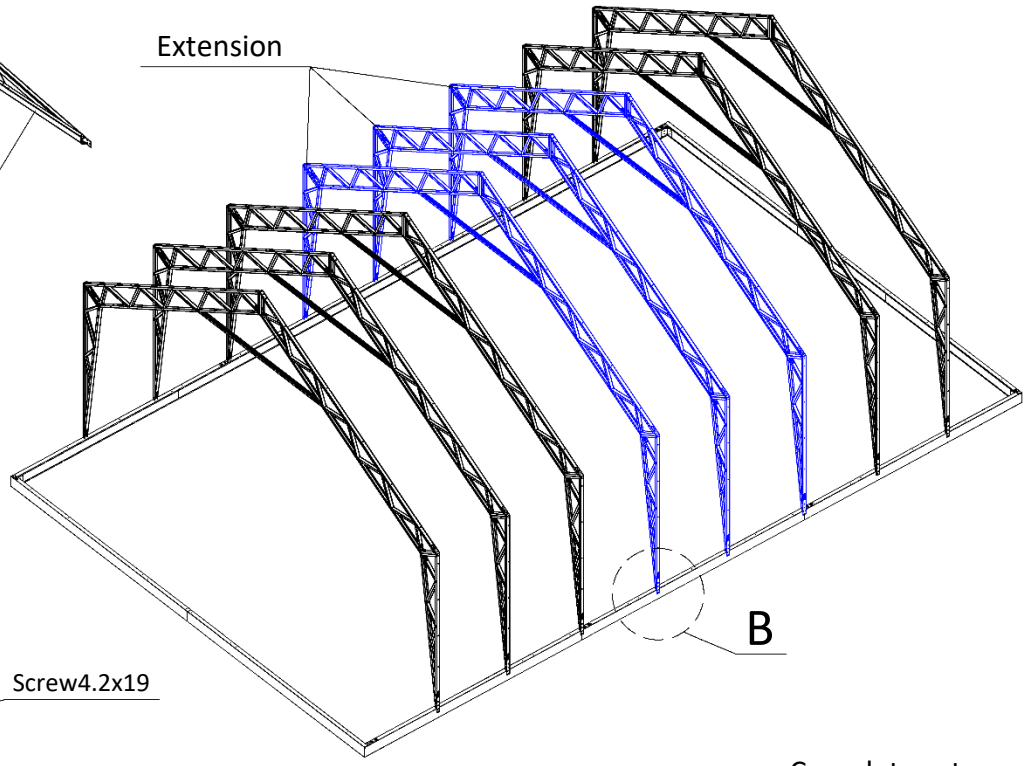
3. Trusses assembly and installation

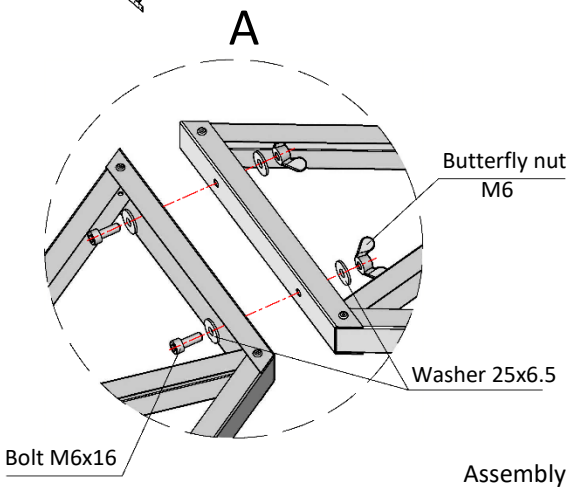
3.

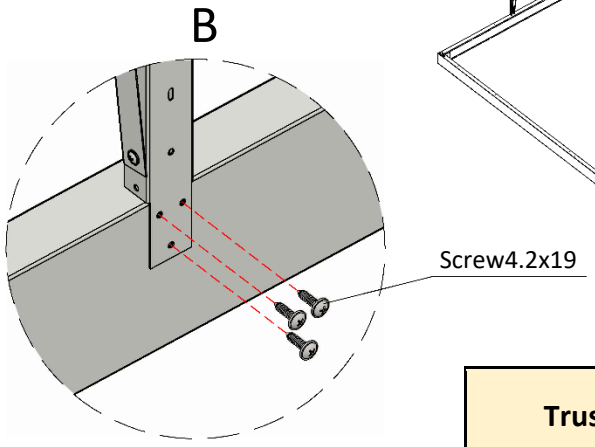
3.1



3.2







Assembly order:

1. Lay out the top and sides on a horizontal surface of sufficient size.
2. Using M6x16 bolts, 25x6.5 washers and M6 butterfly nuts, assemble the top and side parts together as shown in Figure A.
3. Using 4.2x13 self-tapping screws, connect the half-trusses together.
4. Place the U4 profile between the trusses, align the holes on the strip and the half-trusses, and secure the strip with self-tapping screws.

Complete set

Trusses assembly and installation			EH 4.0 / 13' 1.48" greenhouse length range, m/ft						
			4,128	6,241	8,354	10,467	12,580	...	4,128+(2,113*N)
			13' 6.52"	20' 5.71'	27' 4.9"	34' 4.09"	41' 3.28"		13' 6.52"+(6' 11.19"xN)
			(BASE)	Number of extensions in the greenhouse					
			0	1	2	3	4	...	N
Name	Qty (BASE)	Col. in 1 extend	Quantity, pcs.						
Truss top	10	6	10	16	22	28	34		10+6N
Truss leg	10	6	10	16	22	28	34		10+6N
U4	5	3	5	8	11	14	17		5+3N
Screw 4.2x19 DIN 7504	50	30	50	80	110	140	170		50+30N
Bolt M6x16 DIN 912	30	18	30	48	66	84	102		30+18N
Butterfly nut M6 DIN 315	30	18	30	48	66	84	102		30+18N
Washer 25x6.5 DIN 522	60	36	60	96	132	168	204		60+36N

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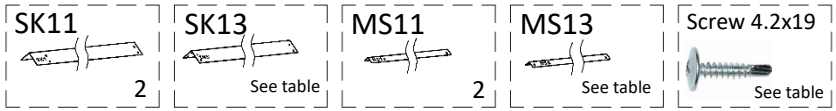
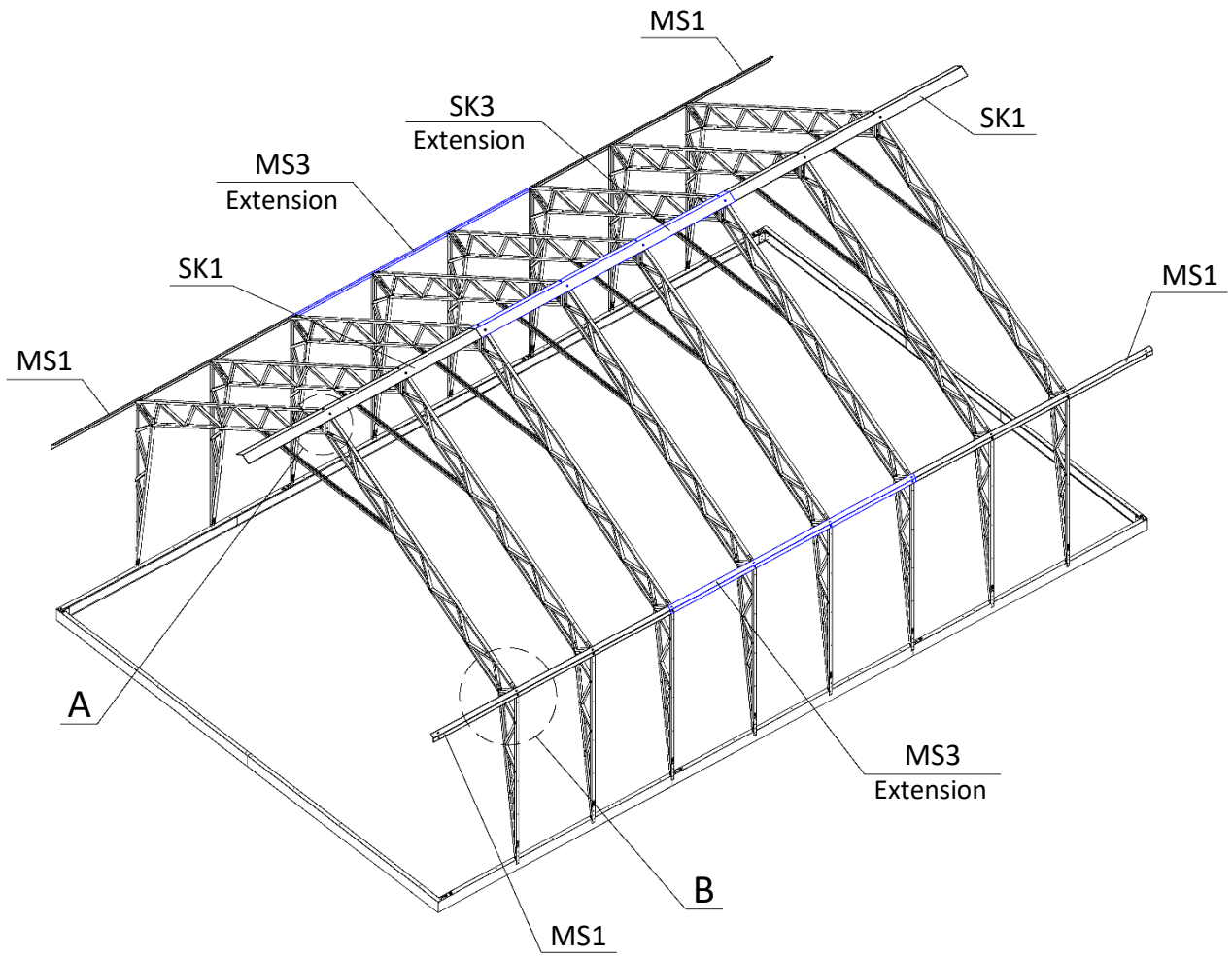
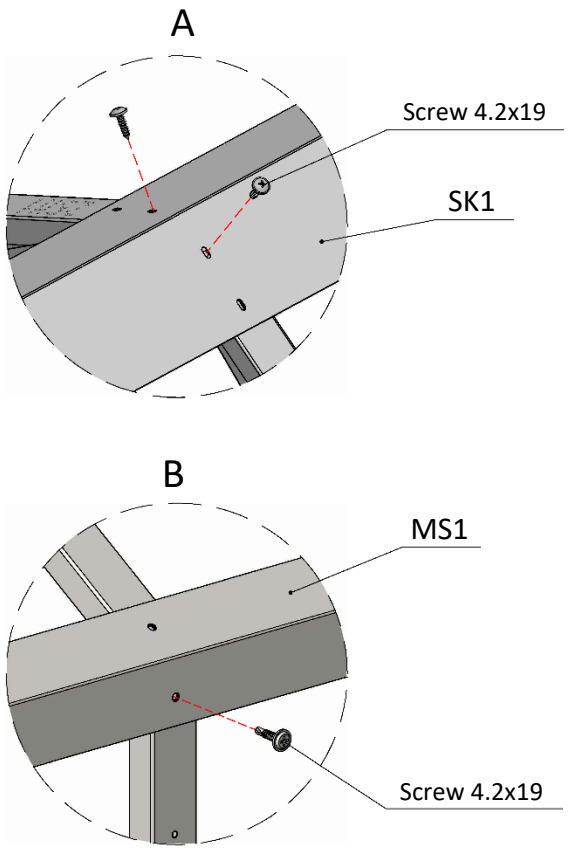
4. Ridges and mauerlats Installation

4.







Assembly order:

1. Install the ridges and mauerlats (parts SK1, SK3, MS1 and MS3). Align the grooves in the trusses with those in the ridge profiles SK1, SK3, and the mauerlates MS1, MS3. Ensure that the trusses are positioned vertically (at 90° relative to the support frame).

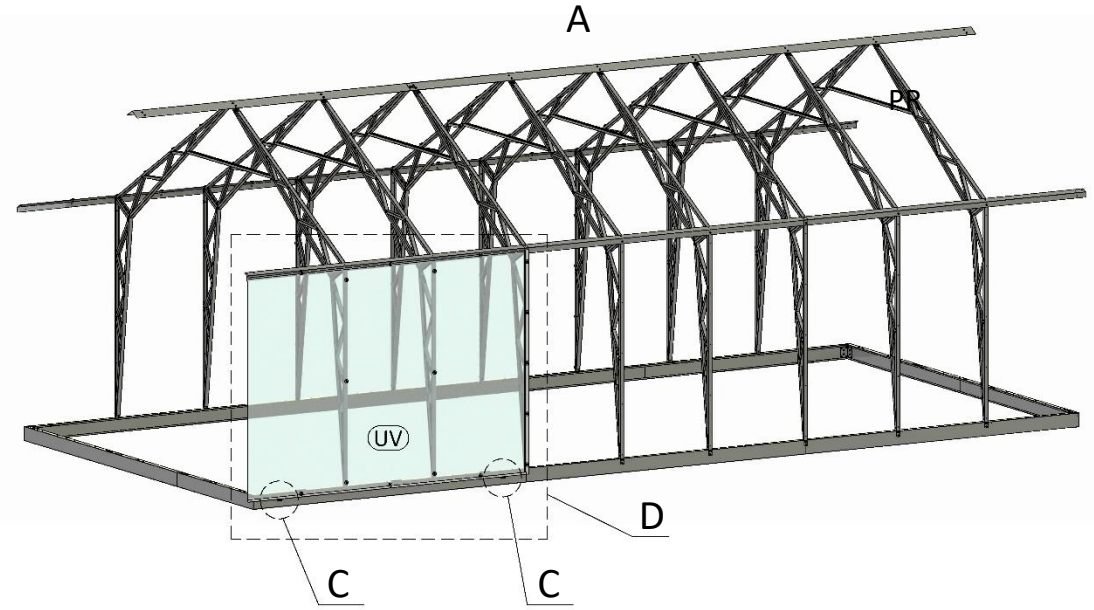
Complete set

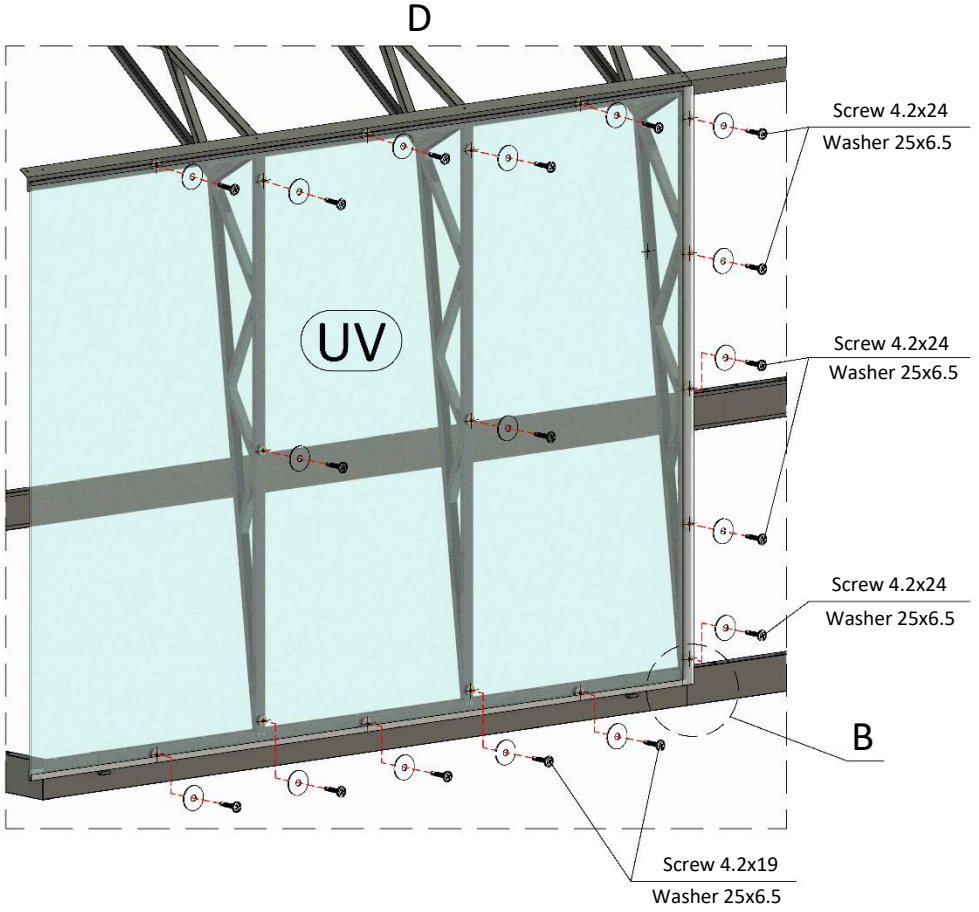
Ridges and mauerlats Installation			EH 4.0 / 13' 1.48" greenhouse length range, m/ft						
			4,128	6,241	8,354	10,467	12,580	...	4,128+(2,113*N)
			13' 6.52''	20' 5.71'	27' 4.9''	34' 4.09''	41' 3.28''		13' 6.52''+(6' 11.19''xN)
			(BASE)	Number of extensions in the greenhouse					
			0	1	2	3	4	...	N
Name	Qty (BASE)	Col. in 1 extend	Quantity, pcs.						
MS1	4	0	4	4	4	4	4		4
MS3	0	2	0	2	4	6	8		2N
SK1	2	0	2	2	2	2	2		2
SK3	0	1	0	1	2	3	4		N
Screw 4.2x19 DIN 7504 T	20	12	20	32	44	56	68		20+12N

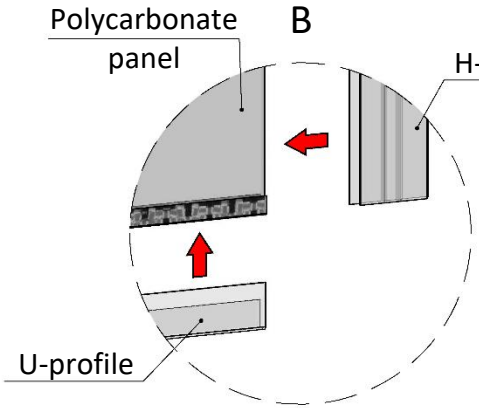
5. Installation panels

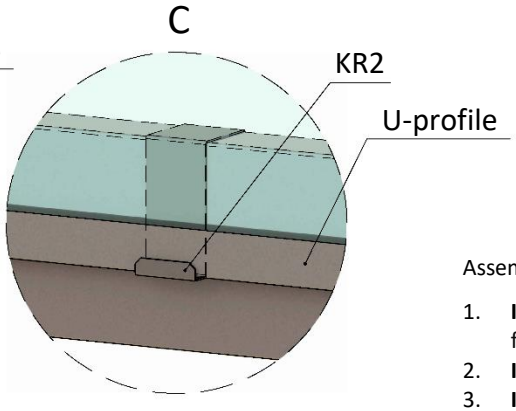
5.

PP 2100x1500	U-profile	H- profile	KR2	Screw 4.2x19	Screw 4.2x24	Washer 25x6.5
See table	See table	See table	See table	See table	See table	See table









Assembly order:

1. **IMPORTANT!** Before installing polycarbonate panels, check the diagonals of the greenhouse support frame and ensure horizontality. The accurate installation of the panels relies on this essential factor.
2. **IMPORTANT!** Polycarbonate sheets should be installed with the UV protected side facing out.
3. **IMPORTANT!** When attaching the planks with screws, do not apply excessive force to avoid denting the planks.
4. Attach the U-profile to the panel from the bottom and H-profile on the right side (picture B). It is allowed to use silicone grease to install the H-profile on a polycarbonate sheet.
5. Start installing the polycarbonate panels from the edge of the greenhouse, proceeding from left to right.
6. Place KR2 brackets on the support frame in the center between the trusses or the truss and the ends.
7. Install the polycarbonate panel (see Fig. D) onto the KR2 bracket.

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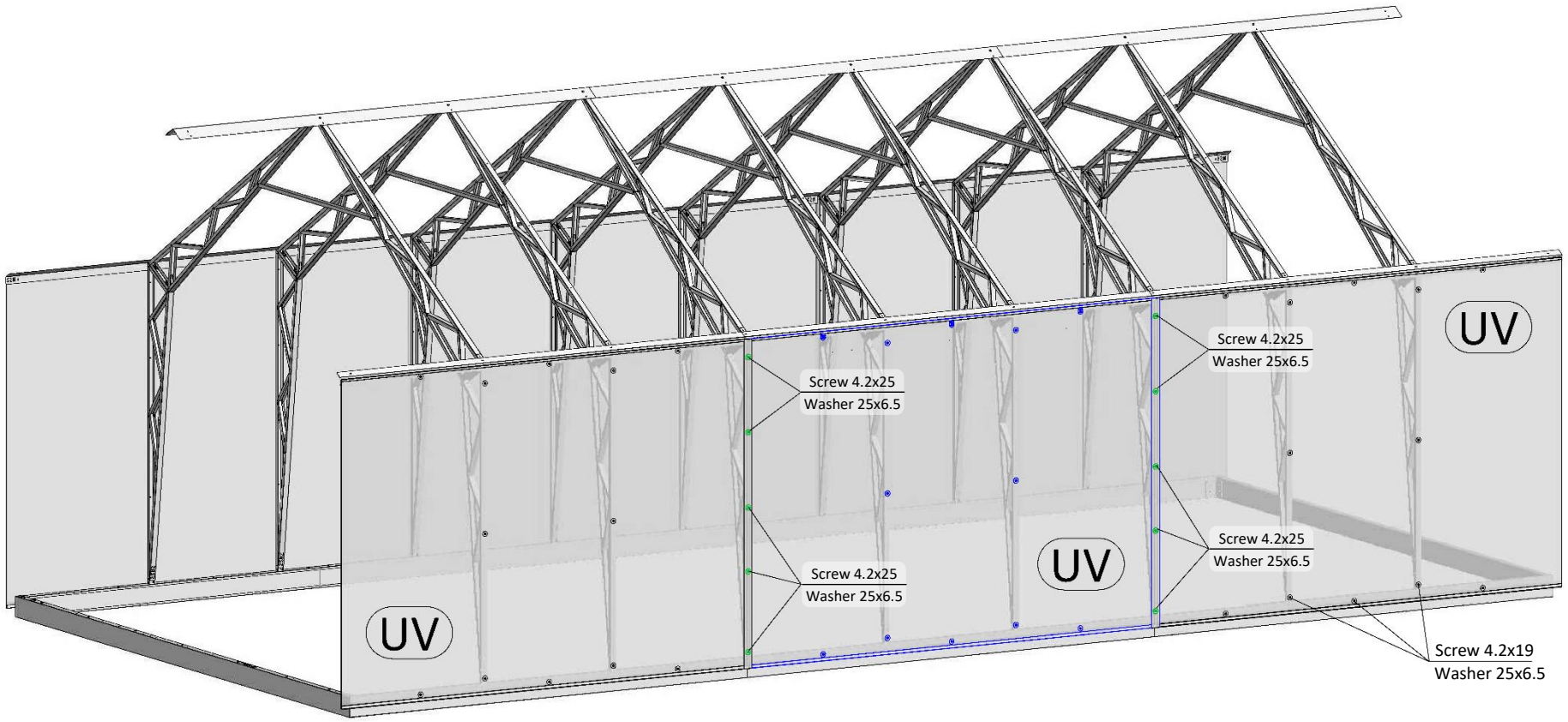
5. Installation of the wall polycarbonate panels



Assembly order (continued):

8. Repeat with the next sheet, as shown in Fig. D (p.15).
   Putting the U-profile and H-profile on the panel in advance.
9. Install the remaining panels.

Complete set

Installation of the wall polycarbonate panels			EH 4.0 / 13' 1.48'' greenhouse length range, m/ft						
			4,128	6,241	8,354	10,467	12,580	...	4,128+(2,113*N)
			13' 6.52''	20' 5.71'	27' 4.9''	34' 4.09''	41' 3.28''		13' 6.52''+(6' 11.19''xN)
			(BASE)	Number of extensions in the greenhouse					
			0	1	2	3	4	...	N
Name	Qty (BASE)	Col. in 1 extend	Quantity, pcs.						
Polycarbonate panel 2100x1500	4	2	4	6	8	10	12		4+2N
U-profile (2100 mm)	4	2	4	6	8	10	12		4+2N
H-profile (1500 mm)	2	2	2	4	6	8	10		2+2N
KR2	8	4	8	12	16	20	24		8+4N
Screw 4.2x19 DIN 7504	48	24	48	72	96	120	144		48+24N
Screw 4.2x25 DIN 7504	10	10	10	20	30	40	50		10+10N
Washer 25x6.5 DIN 522	58	34	58	92	126	160	194		58+34N

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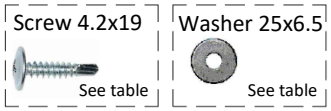
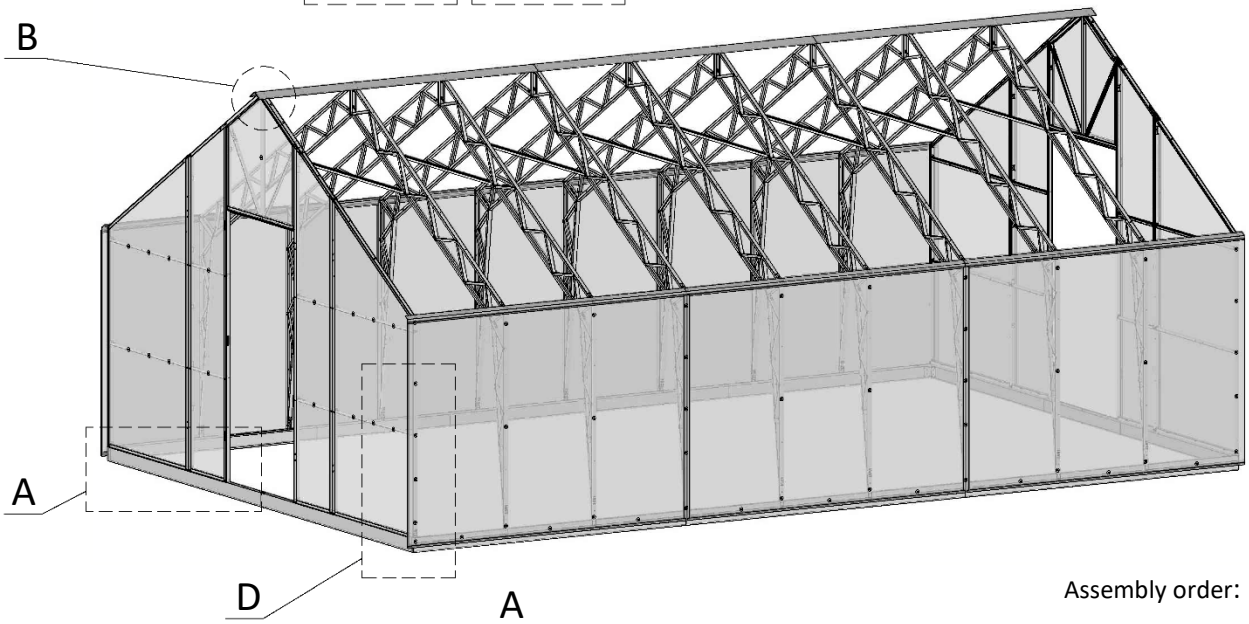
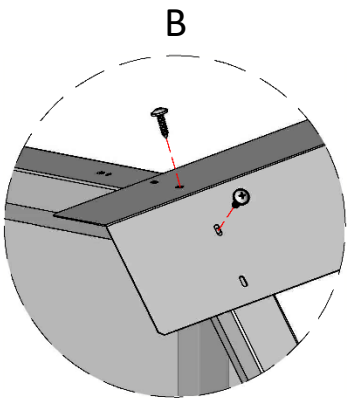
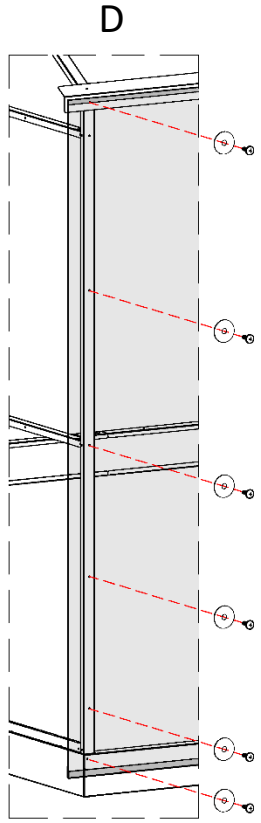
6. End walls installation

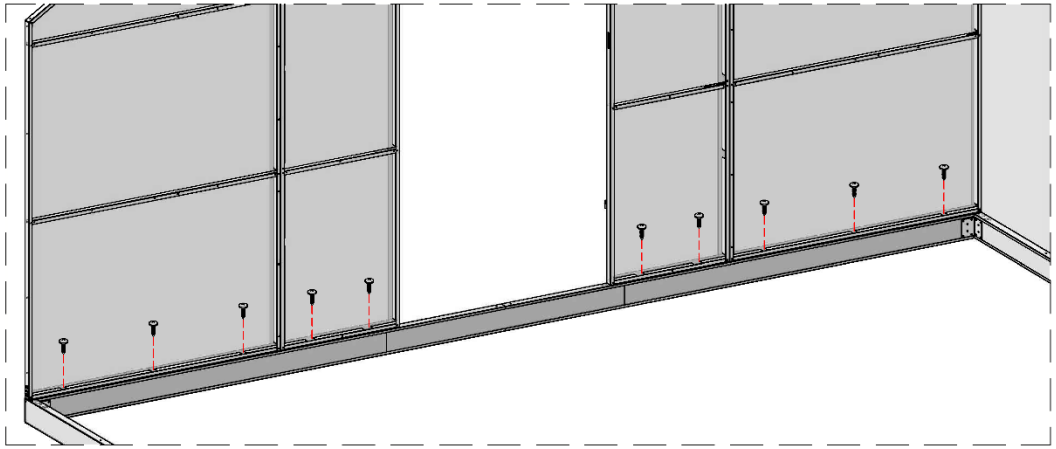
6.











Assembly order:

1. Place the end walls on the support frame, aligning them with the frame's edge and ensuring alignment of the holes in the ends and the frame. Hold the end wall in a vertical position and secure it with screws, as shown in Fig. A.
2. Align the grooves in the SK1 skates with the holes in the ends and secure the skates with screws (Fig. E).
3. Fasten the polycarbonate sheets at the sides of the end wall using screws with washers (picture D).

Complete set

End walls installation		
Name	**Qty (BASE)**	**Col. 1 in extend**
Screw 4.2x19 DIN 7504	40	0
Washer 25x6,5 DIN 522	24	0

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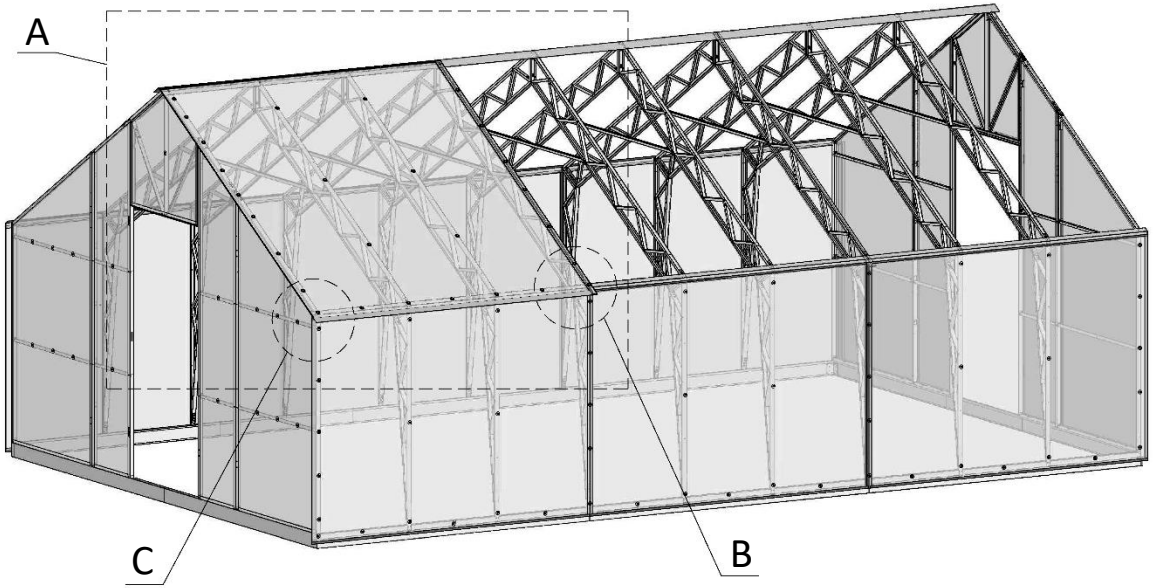
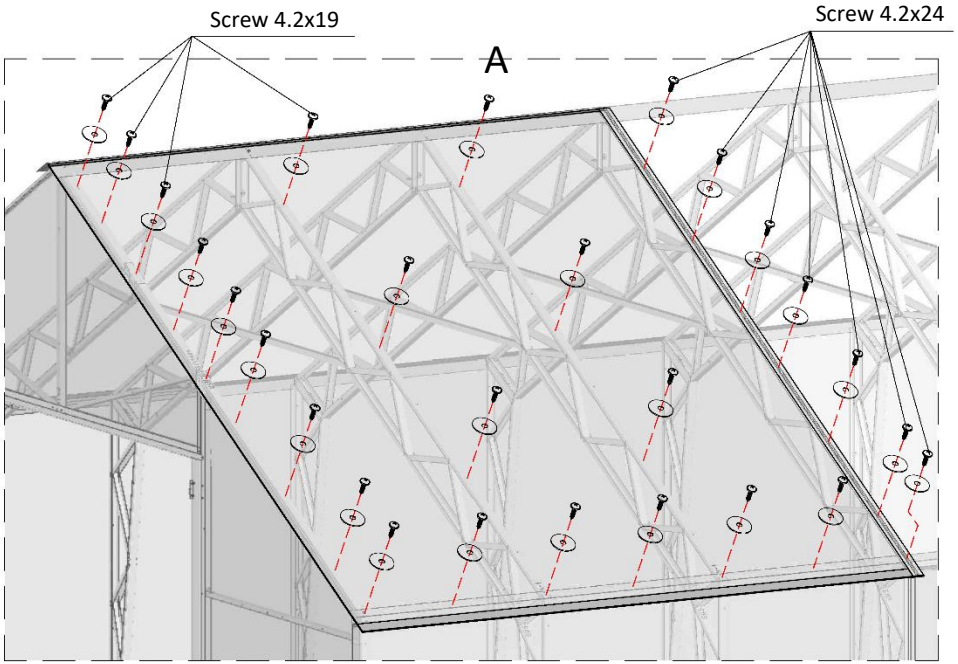
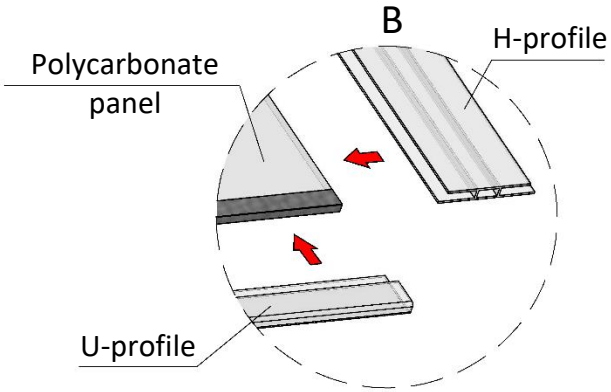
7. Installation of the roof panels

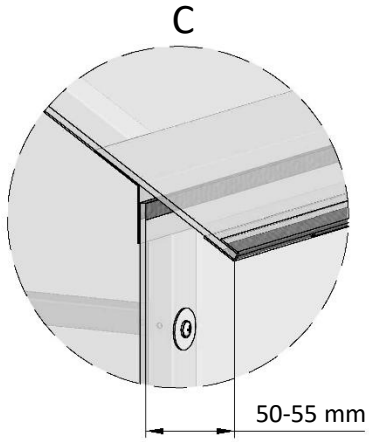
7.1

PP 2100x2380	U-профиль	H-профиль	Screw 4.2x19	Screw 4.2x24	Washer 25x6.5
See table	See table	See table	See table	See table	See table









Assembly order:

1. **IMPORTANT!** Polycarbonate sheets should be installed with the UV protected side facing out.
2. **IMPORTANT!** When installing polycarbonate top panels, do not step on the roof.
3. **IMPORTANT!** Do not overtighten the screw to prevent the polycarbonate from being crushed under the washer at the fastening point.
4. Attach the U-profile to the panel from bottom and H-profile on the right side (picture B). It is allowed to use silicone grease to install the H-profile on a polycarbonate sheet.
5. Start installing the polycarbonate panels from the edge of the greenhouse, proceeding from left to right.
6. Place the panel over the trusses, making sure that the H-profile is exactly opposite of the truss. Place the edge of the panel at a distance of 50-55 mm from the wall (Picture C).
7. Fasten the panel with screws and washers to the greenhouse roof according to the picture A.

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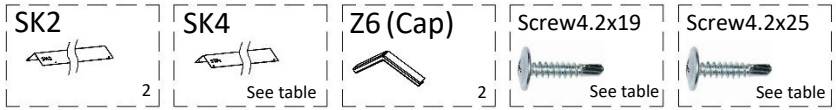
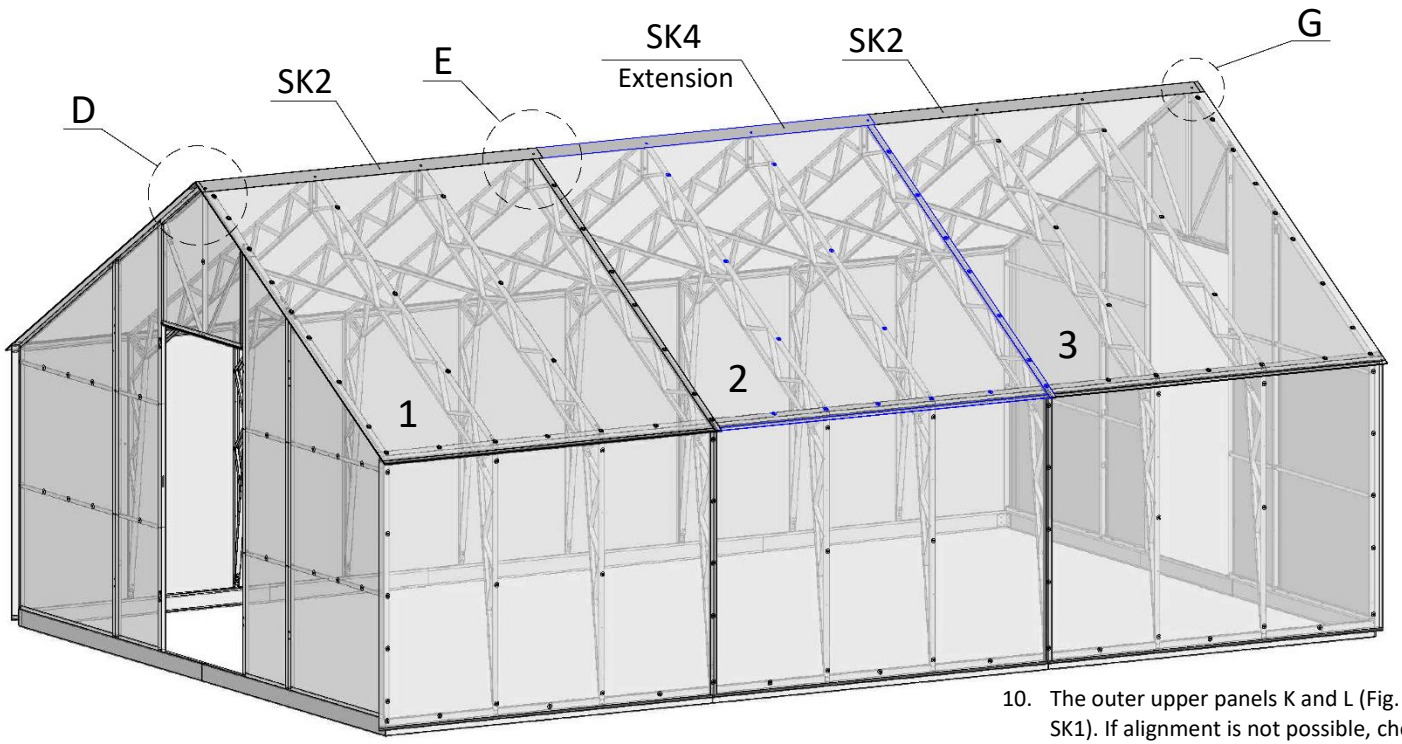
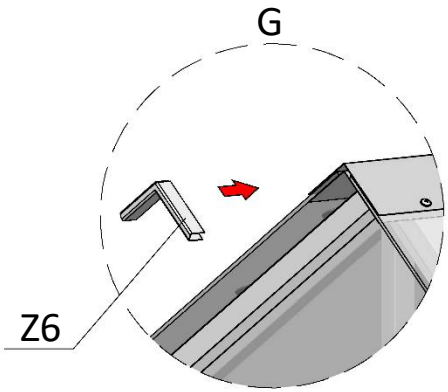
7. Installation of the roof panels

7.2

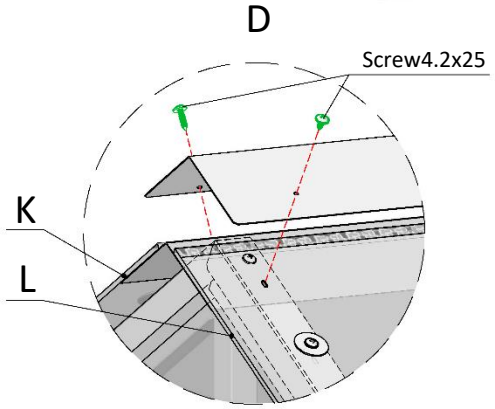


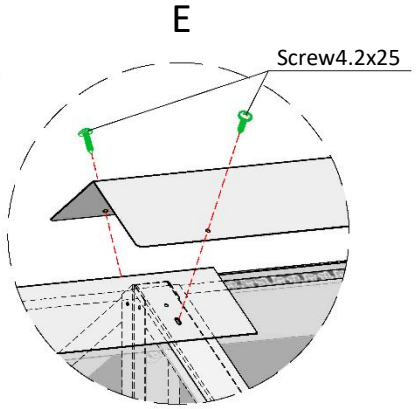




Assembly order (continued):

7. Continue installing the remaining polycarbonate panels. Place the U-profile on the bottom of the next sheet.
   Place the H-profile on the right.
8. Insert the polycarbonate sheet into the H-profile of the sheet already installed on the greenhouse from the bottom up.
9. Align the following sheets along the bottom edge of the already installed panel and at a distance of 50-55 mm from the wall (see Fig. C page 18). Secure the panel with self-tapping screws and washers as shown in Figure A (page 18).
10. The outer upper panels K and L (Fig. D) must be aligned with each other and with the lower ridge (part SK1). If alignment is not possible, check the level and diagonals of the support frame.
11. Install all upper polycarbonate panels.
12. Install the ridges (parts SK2 and SK4). Align the holes in the upper ridges (parts SK2 and SK4) and the lower ridges (parts SK1 and SK3) and secure them with 4.2x25 screws, as shown in Fig. D and E.
13. Install the protective plugs (Z6) on the ends of the ridges. Make sure they are securely held (Fig. G).





Complete set

Installation of the roof polycarbonate panels			EH 4.0 / 13' 1.48'' greenhouse length range, m/ft						
			4,128	6,241	8,354	10,467	12,580	...	4,128+(2,113*N)
			13' 6.52''	20' 5.71'	27' 4.9''	34' 4.1''	41' 3.28''		13' 6.52''+(6' 11.19''xN)
			(BASE)	Number of extensions in the greenhouse					
			0	1	2	3	4	...	N
Name	Qty (BASE)	Col. in 1 extend	Quantity, pcs.						
Polycarbonate panel 2100x2380	4	2	4	6	8	10	12		4+2N
U-profile (2100 mm)	4	2	4	6	8	10	12		4+2N
H-profile (2380 mm)	2	2	2	4	6	8	10		2+2N
SK2	2	0	2	2	2	2	2		2
SK4	0	1	0	1	2	3	4		N
Z6	2	0	2	2	2	2	2		2
Screw 4.2x19 DIN 7504	80	22	80	102	124	146	168		80+22N
Screw 4.2x25 DIN 7504	28	20	28	48	68	88	78		28+20N
Washer 25x6.5 DIN 522	94	36	94	130	166	202	238		94+36N

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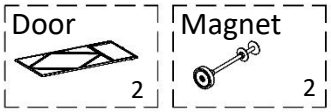
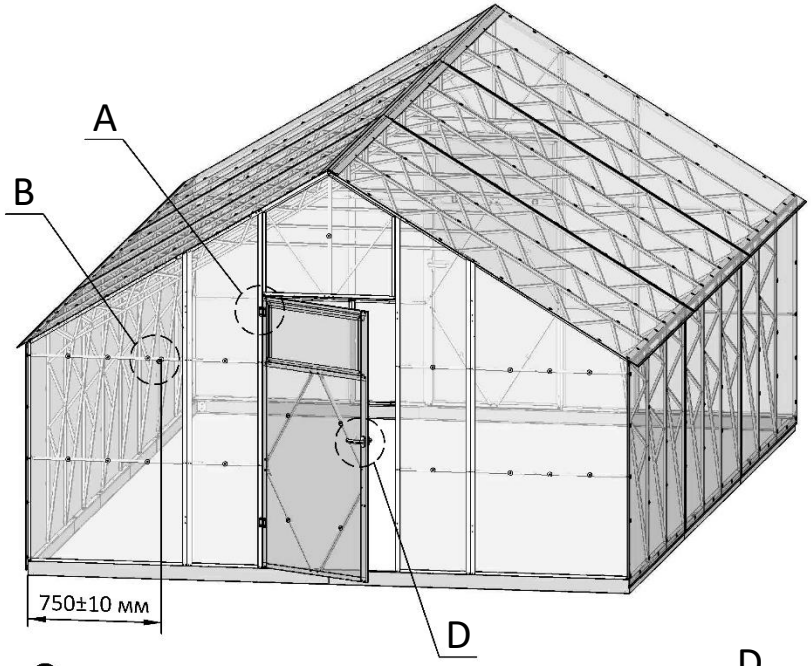
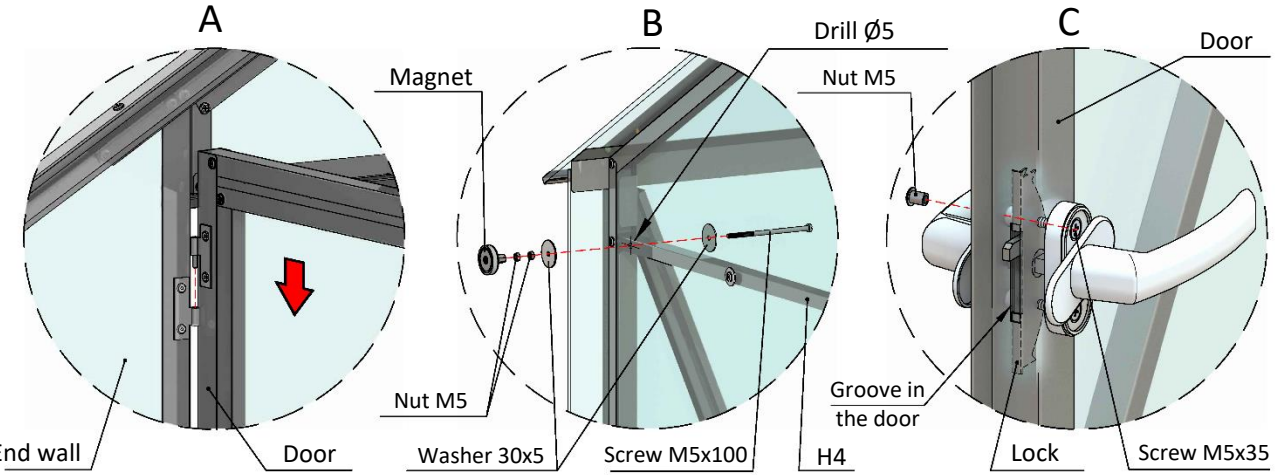
8. Final installation

8.1



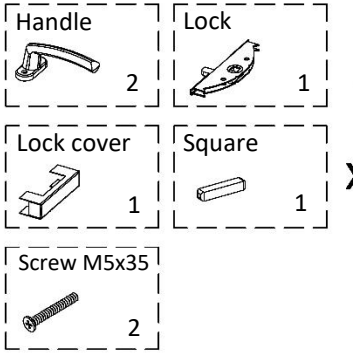




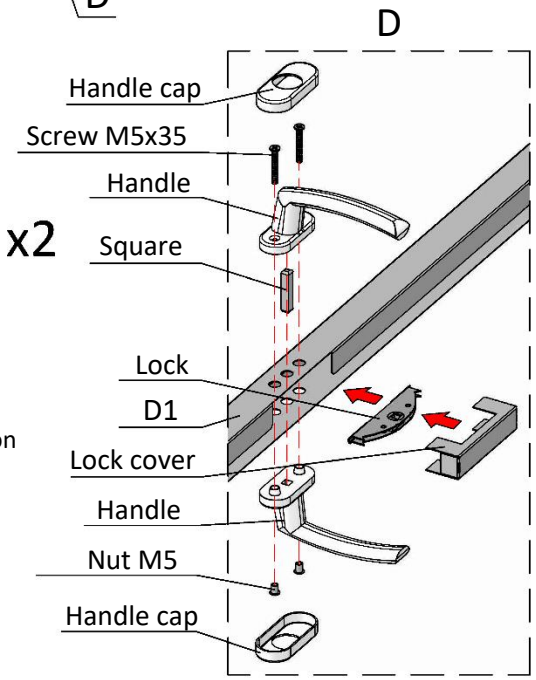
Assembly order:

1. Secure the greenhouse with anchors. See paragraph 8 on page 8.
2. Hang the doors on the hinges, as shown in Figure A.
3. To install the magnet, drill a hole in the polycarbonate panel on the left side end assembly.
4. Insert the screw into the hole, as shown in Figure B, and fasten the magnet. Make sure the magnets hold the doors well in the open position.
5. Install the door handle, as shown in Figure D.
6. Before installing the door handle, drill 3 holes in the polycarbonate door panel against the holes in the door part. To simplify the assembly, it is recommended to assemble the lock mechanism in the closed position (lock latch extended). Assemble the handles, install the lock protection. In the open position, the handle should be turned to the side.
7. In the closed position, the handle should be turned down.
8. The handles must turn freely without jamming. If necessary, adjust the position of the lock latch relative to the groove in the door pillar. To do this, loosen the M5 nuts (Fig. C) and turn the M5x35 lock screws (there is a threaded hole in the Lock). The lock mechanism will shift. After adjustment, fix the M5 nuts.

8.2



Handles and the lock installation



Complete set

Final installation		
Name	**Qty (BASE)**	**Col. in 1 extend**
Door	2	0
Magnet (M)	2	0
Handle	4	0
Lock	2	0
D12 (Lock cover)	2	0
Square	2	0
Screw M5x35	4	0