



**GRANDIO**<sup>®</sup>  
GREENHOUSES

## **PARTS LIST MANUAL 3**

### **GRANDIO SUMMIT GREENHOUSES**

- COMPLETE PARTS LIST WITH GRAPHICS
- PART DESCRIPTIONS AND DIMENSIONS
- POLYCARBONATE PANEL DIMENSIONS
- SPECIFIC PARTS AND BOX LOCATIONS

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February 2023 Summit Greenhouse Models Manual 3*

**PARTS LIST MANUAL 3**



**GRANDIO PARTS LIST GUIDE**

**BOX CONFIGURATIONS**

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## IMPORTANT! SAFETY INSTRUCTIONS



### FAILURE TO FOLLOW THESE WARNINGS MAY RESULT IN SERIOUS INJURY OR PROPERTY DAMAGE AND WILL VOID WARRANTY.

To ensure safety, do not attempt to assemble this product without following the instructions carefully. Check entire box and inside all packing material for parts and/or additional instruction materials. Before beginning assembly, locate and read the instruction **Manuals 1, 2, and 3**. Complete assembly and proper usage are essential to reduce the risk of accident or injury when using your Grandio Greenhouse.

**CAUTION: Do not leave polycarbonate panels laying on grass, in direct sun light or extreme heat. Keep in a cool dry place until they are to be installed!! (May cause burning to plants or grass if left directly on top of them, also may damage panels due to the protective film adhering to panels.) Panels may scratch easily.**

**\* DO NOT USE SOLVENT BASED CLEANERS ON POLYCARBONATE PANELS.**

- Each of the polycarbonate panels have a clear film side that should always face the sun, and a white film side which faces inside. The clear side has a UV coating and we recommend marking a small "x" on a corner of each panel to determine which side has the UV Coating as you cannot visually determine with your eye in the case of future disassembly.
- Due to shipping, the grooves of some of the aluminum profiles may be too small to insert into the polycarbonate sheet, you may carefully use a screwdriver to pry the framework open so the polycarbonate sheet can be inserted smoothly.
- Do not use or store hot objects such as grills, blow torches, welding equipment, etc. in or near your greenhouse.
- Do not allow children or pets to play in greenhouse or in the set up area until assembly is complete.
- If using a ladder during assembly, use extreme caution.
- A clean level surface is essential to maintaining the solid integrity of the structure. Install the base correctly as described in **Manual 1** and the manual that came with the anchor kit you chose. The greenhouse must be anchored down to a firm and level base. If not properly installed warranty will be void.

#### NEEDED FOR ASSEMBLY

- Tape Measure
- Level
- Carpenter Square
- At Least 2 Adults
- 2-4 Ladders For Larger Sizes
- Work Gloves
- Permanent Marker
- Masking Tape
- Safety Glasses
- Drill
- Folding Utility Table



When you see this icon pay special attention to the helpful tips we have provided that will make installation more efficient.

# SUMMIT BOX CONFIGURATION LAYOUT

We recommend laying all of your boxes out as shown on the graphic below for an organized assembly.

Locate your greenhouse size and situate your boxes near your assembly site as shown in the order listed below.

Inventory the parts and lay out on a tarp as to not lose items in the grass or dirt near your building site, a folding table is very helpful as well.

\*See the reference diagrams for each greenhouse size in **MANUAL 1**. For more information about how the parts will go together and what makes up each section for the assembly see **MANUAL 2**. See **MANUAL 3** for detailed parts lists. See videos on our website at [www.GrandioGreenhouses.com](http://www.GrandioGreenhouses.com).






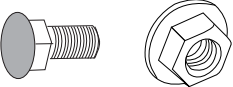
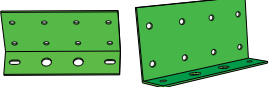
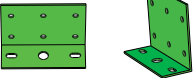
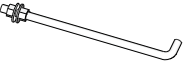

\*If adding a Back Door Transformation Kit you will repeat steps 1.1-1.20 in **Manual 2**, the parts will be found in box **GRA-SUM-BD-A** and **SUM-BD-P**.

MODEL 12'X8' SUMMIT GREENHOUSE KIT & OPTIONAL STEEL BASE KIT	SUMMIT GREENHOUSE 4' EXTENSION KIT & OPTIONAL 4' STEEL BASE EXTENSION KIT	SUMMIT GREENHOUSE 8' EXTENSION KIT & OPTIONAL 8' STEEL BASE EXTENSION KIT
Summit 12x8      1	0	0
Summit 12x12    1	1	0
Summit 12x16    1	0	1
Summit 12x20    1	1	1
Summit 12x24    1	0	2
Summit 12x28    1	1	2
Summit 12x32    1	0	3


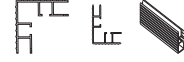

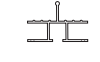
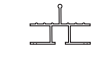
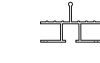






GRANDIO SUMMIT 12X8	GRANDIO SUMMIT 4' X	GRANDIO SUMMIT 8' X
<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> <b>GRA-SUM-12A-1</b> Aluminum Extrusions Box 1         </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> <b>GRA-SUM-12A-2</b> Aluminum Extrusions Box 2         </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> <b>GRA-SUM-12P-1</b> Polycarbonate Panels Box 1         </div> <div style="border: 1px solid black; padding: 5px;"> <b>GRA-SUM-12P-2</b> Polycarbonate Panels Box 2         </div>	<div style="border: 1px solid black; padding: 10px; text-align: center;"> <b>GRA-SUM-4X</b>            4' Extension Aluminum Extrusions            4' Extension Polycarbonate Panels         </div>	<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> <b>GRA-SUM-8XA</b> 8' Extension Aluminum Extrusions         </div> <div style="border: 1px solid black; padding: 5px;"> <b>GRA-SUM-8XP</b>            8' Extension Polycarbonate Panels         </div>
GRANDIO STEEL BASE KIT 12X8	GRANDIO STEEL BASE KIT 4' X	GRANDIO STEEL BASE KIT 8' X
<div style="border: 1px solid black; padding: 5px;"> <b>GRA-BASE-S128</b>      12x8 Steel Base Kit         </div>	<div style="border: 1px solid black; padding: 5px;"> <b>GRA-BASE-S4X</b>      4' Steel Base Kit Extension         </div>	<div style="border: 1px solid black; padding: 5px;"> <b>GRA-BASE-S8X</b>      8' Steel Base Kit Extension         </div>

# ALL SUMMIT STEEL BASE KITS PARTS LIST (FOR EARTH INSTALLATION) GRA-BAS-S128, GRA-BAS-S4X, & GRA-BAS-S8X






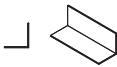
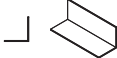
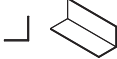



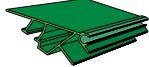
GRAPHIC	PART NAME	SIZE/LOCATION	12X8 QTY	4X QTY	8X QTY
	BA-4X	46 3/4" / 1187mm 4' EXTENSION BASE PIECE	0	2	0
R  front view	BA-6-RIGHT	72" / 1829 mm 6' FRONT RIGHT BASE KIT PIECE	2	0	0
L  front view	BA-6-LEFT	72" / 1829 mm 6' FRONT LEFT BASE KIT PIECE	2	0	0
	BA-8	94 1/4" / 2394 mm 8' BASE KIT PIECE	2	0	0
	BA-8X	93 7/16" / 2374 mm 8' EXTENSION BASE PIECE	0	0	2
	CB-610 / ML01	CARRIAGE BOLT 6*10 FLANGED NUT	52 / 52	20 / 20	20 / 20
	BA-MID-BR	MID BRACKET FOR BASE 5 7/16 in /138 mm	2	2	2
	BA-CORNER-BR	3 15/16 in /100 mm END BRACKET FOR BASE	4	0	0
	BA-A1	12" EARTH ANCHOR	12	2	4
	BA-S10	1/2 x 3/4	2	2	2

# SUMMIT 12X8 ALUMINUM EXTRUSIONS LIST ON FOLLOWING PAGES, WILL BE FOUND IN BOXES: GRA-SUM-12A-1 & GRA-SUM-12A-2

## 12X8 MODEL PARTS LIST

GRAPHIC	PART NAME	SIZE/LOCATION	12x8 QTY	BOX
	1A	56 9/16 in / 1437 mm LOWER F/B CORNERS	4	12A-2
	1B	44 11/16 in / 1135 mm ROOF CORNERS	8	12A-2
	1C	4" / 101 mm FLATMOUNT BASE CORNER ALIGNMENT SPACER	4	12A-2
	2A	59 9/16 in / 1437 mm SIDE WALL PIECES	6	12A-2
	2B	86 5/8 in / 2200 mm BACK WALL	5	12A-1
	2C	86 5/8 in / 2200 mm FRONT WALL LOWER PIECES	2	12A-1
	3A	12 3/16 in / 309 mm F/B L/R WALL PIECES	2	12A-2
	3B	12 3/16 in / 309 mm F/B L/R WALL PIECES	2	12A-2
	3C	21 7/8 in / 555 mm UNDER ROOF VENTS	4	12A-2
	3D	19 3/8 in / 492 mm MIDDLE ROOF VENT	2	12A-2
	3E	95 15/16 in / 2437 mm BEHIND DOOR HEADER (HAS HOLES)	1	12A-1
	3F	46 1/4 in / 1175 mm UPPER ROOF SECTION	6	12A-1

# SUMMIT 12X8 ALUMINUM EXTRUSIONS LIST CONTINUED WILL BE FOUND IN BOXES: GRA-SUM-12A-1 & GRA-SUM-12A-2

GRAPHIC	PART NAME	SIZE/LOCATION	12X8 QTY	BOX
	3G	44 5/8 in / 1133 mm LOWER ROOF SECTION	6	12A-1
	3H	95 15/16 in / 2437 mm BACK WALL (NO HOLES)	1	12A-1
	4	86 5/8 in / 2200 mm SIDES OF DOORS	2	12A-1
	6	21 7/8 in / 555 mm WINDOW SEALS	28	12A-2
	7A	94 1/4 in / 2394 mm ROOF RIDGE UNIVERSAL ACCEPTS ON BOTH ENDS	1	12A-1
	8A-X	50 13/16 in / 1290 mm FRONT AND BACK WALL SUPPORTS	6	12A-2
	8B-X	58 1/4 in / 1480 mm SIDE WALL SUPPORTS	4	12A-2
	8C-X	48 1/2 in / 1232 mm ROOF SUPPORTS	8	12A-2
	9A	94 5/16 in / 2396 mm UNIVERSAL GUTTER SUPPORT	2	12A-1
	10A	94 3/8 in / 2397 mm UNIVERSAL GUTTER	2	12A-1
	38	21 7/8 in / 555.4 mm	8	12A-2
	39A	94 5/16 in / 2396 mm UPPER MID ROOF SUPPORTS UNIVERSAL PIECE	2	12A-1

# SUMMIT 12X8 ALUMINUM EXTRUSIONS LIST CONTINUED

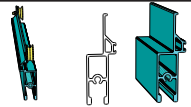
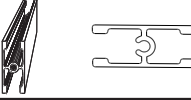
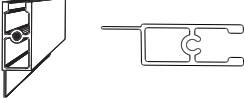
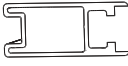



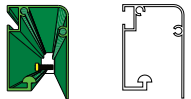



## WILL BE FOUND IN BOXES: GRA-SUM-12A-1 & GRA-SUM-12A-2

**12X8 MODEL PARTS LIST**

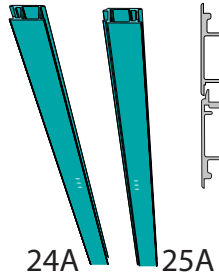
	GRAPHIC	PART NAME	SIZE/LOCATION	12X8 QTY	BOX
		11	93 5/16 in / 2370 mm DOOR TRACK	1	12A-1
<b>PACKED TOGETHER</b>		12A	70 1/2 in / 1791 mm FM FRONT WALL LEFT	1	12A-2
		12B	70 1/2 in / 1791 mm FM FRONT WALL RIGHT	1	12A-2
		12C	94 1/4 in / 2394 mm SIDE/BACK FM 8' PIECE	3	12A-1
		12D	46 3/4 in / 1187 mm FM 4' EXTENSION LEFT OR BACK	1	12A-2
		12E	46 3/4 in / 1187 mm FM 4' EXTENSION RIGHT	0	
		12F	93 7/16 in / 2374 mm FM 8' EXTENSION LEFT	0	
		12G	93 7/16 in / 2374 mm FM 8' EXTENSION RIGHT	0	
<b>PACKED TOGETHER</b>		13A	46 3/4 in / 1187 mm BACK WALL SUPPORT	1	12A-1
		13B	94 1/4 in / 2394 mm BACK WALL SUPPORT	1	12A-1
		13C	47 1/2 in / 1207 mm FRONT WALL SUPPORT	2	12A-1

# SUMMIT 12X8 ALUMINUM EXTRUSIONS LIST CONTINUED

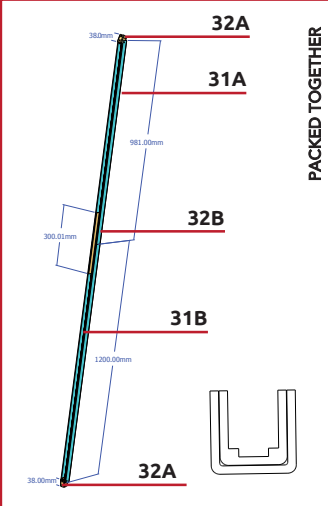



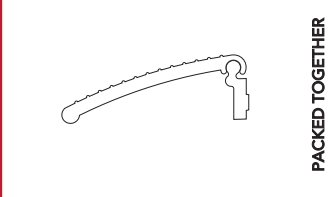

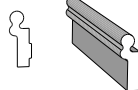
## WILL BE FOUND IN BOXES: GRA-SUM-12A-1 & GRA-SUM-12A-2

GRAPHIC	PART NAME	SIZE/LOCATION	12x8 QTY	BOX
	20A	21 1/16 in / 535 mm TOP OF DOOR	2	12A-1
	21A	21 1/16 in / 535 mm MID DOOR	4	12A-2
	22A	21 1/16 in / 535 mm BOTTOM DOOR	2	12A-2
	23	84 13/16 in / 2155 mm OUTER SIDES DOORS	2	12A-1
	24A	84 13/16 in / 2155 mm DOOR SIDE LEFT	1	12A-1
	25A	84 13/16 in / 2155 mm DOOR SIDES RIGHT	1	12A-1
	26 / AFS-612 & SQ-NUT6	23 9/16 in / 599 mm EAVE & ROOF SUPPORTS	15 / 32	12A-2
	27A	91 9/16 in / 2326 mm DOOR HEADER TRACK	1	12A-1
	15A	22 13/16 in / 580 mm ROOF VENT TOP EXTRUSIONS	4	12A-2
	16A	22 7/8 in / 581 mm ROOF VENT BOTTOM EXTRUSIONS	4	12A-2
	17A	30 1/2 in / 775 mm ROOF VENT SIDE	8	12A-2



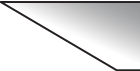






Door Extrusion, handles, and magnet. Door Handles  
Handles will be centered on the  
extrusions 24A and 25A.



## SUMMIT 12X8 ALUMINUM EXTRUSIONS LIST CONTINUED WILL BE FOUND IN BOXES: GRA-SUM-12A-1 & GRA-SUM-12A-2






	GRAPHIC	PART NAME	SIZE/LOCATION	12x8 QTY	BOX
 <p style="writing-mode: vertical-rl; transform: rotate(180deg);">PACKED TOGETHER</p>		31A	47 1/4" / 1200 mm SIDE SUPPORT TO BASE	2	12A-2
		31B	38 5/8" / 981 mm SIDE SUPPORT TO MID ROOF	2	12A-2
		31C	27 9/16" / 700 mm F-B WALL UPPER SUPPORT BRACKET	2	12A-2
 <p style="writing-mode: vertical-rl; transform: rotate(180deg);">PACKED TOGETHER</p>		33	45 in/ 1143 mm DOOR THRESHOLD RAMP	2	12A-2
		34	45 3/16 in/ 1148 mm DOOR THRESHOLD CATCH	2	12A-2
		32B	11 13/16" 300 mm TENSION BRACKET	2	12A-2

## BOX: GRA-SUM-12P-1

GRAPHIC	NAME	SIZE/LOCATION	WIDTH	HEIGHT 1	HEIGHT 2	QTY
	W1	LOWER FRONT & BACK	22 3/4 in / 578 mm	47 5/16 in / 1202 mm		10
	W3A	MID F/B WALL PANEL	22 3/4 in / 578 mm	8 1/4 in / 209 mm	38 in / 966 mm	2
	W3B	MID F/B WALL PANEL	22 3/4 in / 578 mm	38 in / 966 mm	8 1/4 in / 209 mm	2
	W4A	UPPER F/B WALL PANEL	24 1/16 in / 612 mm	12 5/8 in / 323 mm	6 7/16 in / 164 mm	2
	W4B	UPPER F/B WALL PANEL	24 1/16 in / 612 mm	12 in / 305 mm	6 7/16 in / 164 mm	2
	W5A	UPPER F/B WALL PANEL	24 1/16 in / 612 mm	12 7/8 in / 327 mm	20 5/16 in / 516 mm	2
	W5B	UPPER F/B WALL PANEL	24 1/16 in / 612 mm	20 1/4 in / 515 mm	12 15/16 in / 328 mm	2
	W8	MID ROOF PANEL	22 3/4 in / 578 mm	44 7/8 in / 1140 mm		4
	W10	ROOF VENT PANEL	22 3/4 in / 578 mm	28 13/16 in / 732 mm		4

## BOX: GRA-SUM-12P-2

MANUAL AND HARDWARE KIT LOCATED IN THIS BOX

GRAPHIC	NAME	SIZE/LOCATION	WIDTH	HEIGHT 1	HEIGHT 2	QTY
	W2	MID FRONT & BACK	22 3/4 in / 578 mm	38 1/16 in / 967 mm		6
	W6	DOOR PANELS	21 7/8 in / 555 mm	27 3/8 in / 695 mm		6
	W7	SIDE WALL PANEL	22 3/4 in / 578 mm	55 15/16 in / 1420 mm		8
	W9	UNDER ROOF VENT	22 3/4 in / 578 mm	12 11/16 in / 322 mm		4
	W11	UPPER ROOF PANEL	22 3/4 in / 578 mm	46 5/8 in / 1185 mm		8

### SUMMIT HARDWARE KIT BOX


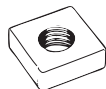
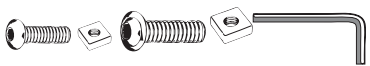

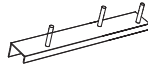



SUMMIT 12X8 HARDWARE KIT BOX CONTENTS LISTED ON FOLLOWING PAGES

### DOOR HANDLE BOX

SUMMIT DOOR HANDLE BOX - INSIDE GRA-SUM-12P-2







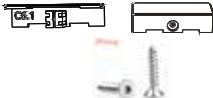





	DOOR HANDLES	DOOR HANDLES SET OF 2 KEYS	1 SET
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## SUMMIT 12X8 HARDWARE KIT CONTENTS LIST ON FOLLOWING PAGES, WILL BE FOUND IN BOX: GRA-SUM-12P-2

		AFS-612	M6*12 HEX BUTTON HEAD SCREW WITH FLANGE	224
		SQ-NUT6	SQUARE NUT 6MM	270
PACKED TOGETHER		ABS-48 / SQ-NUT-4 AFS-612/SQ-NUT-6 4 ALLEN WRENCH	ROOF VENT HARDWARE	8 EACH
		HQC01	ROOF VENT ARM	4
		HQC02	ROOF VENT LATCH	4
PACKED TOGETHER		PPS-516	PHILLIPS PANHEAD SCREW 5*16 FOR ROOF VENT	17
		RVS / PPS-46	RVS with M4* Screw	8
		WINDOW PILE / DOOR PILE	6x6 PILE STRIP FOR WINDOWS AND DOORS	9 M WINDOWS / 6 M DOORS



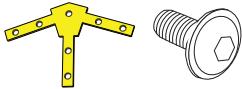





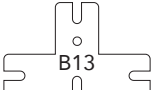

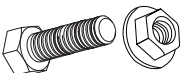
# SUMMIT 12X8 HARDWARE KIT CONTENTS LIST CONTINUED WILL BE FOUND IN BOX: GRA-SUM-12P-2

## 12X8 MODEL HARDWARE LIST

	GRAPHIC	PART NAME	SIZE/LOCATION	12x8 QTY
PACKED TOGETHER		C1	CENTER ROOF CAP	2
		C2	MID ROOF CAP LEFT	2
		C3	MID ROOF CAP RIGHT	2
		C4 / Z03 ACS-325	GUTTER END CAP RIGHT	2
		C5 / Z03 ACS-325 / 3 ALLEN WRENCH	GUTTER END CAP LEFT	2
		ACS-4.825/ 5 ALLEN WRENCH	SCREW FOR C2 & C3 END CAP	4
		C6/ Z01	UPPER ROOF PANEL CAP	8
PACKED TOGETHER		ABS-612	SCREWS FOR END CAPS	10
		C10	UPPER LEFT SIDE	2
		C11	UPPER RIGHT SIDE	2
		C12	BOTTOM DOOR	2
		C13	BOTTOM DOOR	2

# SUMMIT 12X8 HARDWARE KIT CONTENTS LIST CONTINUED




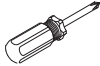
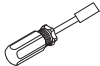

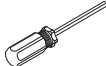



## WILL BE FOUND IN BOX: GRA-SUM-12P-2

	GRAPHIC	PART NAME	SIZE/LOCATION	12x8 QTY
PACKED TOGETHER		C14	FM BASE CORNER GUARD	2
		C15	FM BASE CORNER GUARD	2
PACKED TOGETHER		B1 / AFS-68	3mm / ROOF CONNECTOR	2 / 12
		B2 / AFS-68	3mm / EAVE CONNECTOR	8 / 32
PACKED TOGETHER		B9	F/B WALL CONNECTOR	5
		B10	F/B WALL CONNECTOR	4
		B11	F/B WALL CONNECTOR	4
		B12	3C CONNECTOR	8
		B13	3C CONNECTOR	3
		AFS-610	SCREWS	102
		S02 / ML01	HARDWARE TO HANG 27A	4 / 4



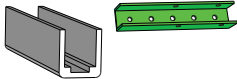
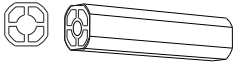

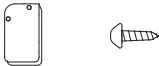

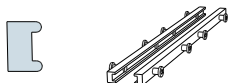
# SUMMIT 12X8 HARDWARE KIT CONTENTS LIST CONTINUED

## WILL BE FOUND IN BOX: GRA-SUM-12P-2

### 12X8 MODEL HARDWARE LIST

	GRAPHIC	PART NAME	SIZE/LOCATION	12x8 QTY
PACKED TOGETHER		TEN-HOOK	7 1/2 in / 190 mm	1
		TEN-CABLE	104.72" / 2660 mm CABLE TENSION SUPPORT	1
		EYE BOLT-610 / WASHER-6	M6*100 2mm WASHER	1
PACKED TOGETHER		W11	MULTI DRIVER	1
		W13	10MM NUT DRIVER	1
		W16	10MM WRENCH	1
		W17	ALLEN DRIVER	1
		W18	ALLEN WRENCH WITH BALL END TIP	1
		ABS-625/ ML01	BUTTON HEAD SCREWS 6*25 CONNECTS 12 AND BASE	57 / 57
		ABS-612 / SQ-NUT-6	SCREW 6*10 / SQUARE NUT CONNECTS 34 and 12A/B	16 / 16

## SUMMIT 12X8 HARDWARE KIT CONTENTS LIST CONTINUED WILL BE FOUND IN BOX: GRA-SUM-12P-2

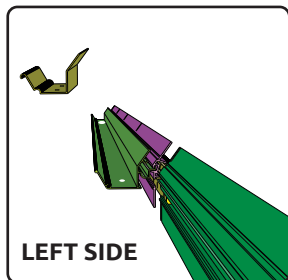
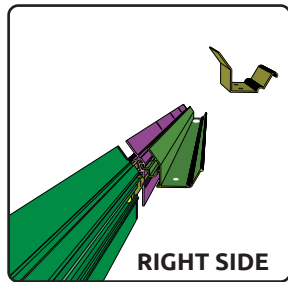
	GRAPHIC	PART NAME	SIZE/LOCATION	12x8 QTY
PACKED TOGETHER		32A ABS-640 / ML01	1 1/2" / 38 mm TENSION BRACKET M6*40MM ALLEN BUTTON HEAD SCREW FOR THE TENSION BRACKET	8 / 10 / 10
		ABS-612 / SQ-NUT-6	M6*12MM ALLEN BUTTON HEAD SCREW TO CONNECT 31A WITH 31B & 32A WITH EXTRUSIONS	16 / 16
		32B	11 13/16" / 300 mm CONNECTOR FOR THE 31A AND 31B	2
PACKED TOGETHER		35	2 5/8 in / 72 mm STANDOFF	15
		ABS-685 / SQ-NUT6 / WASHER	M6*85MM SCREW FOR 35 STANDOFF	15 / 15 / 15
		J07 / PPS-416	27A END CAP	2 / 4
		AS-550 / 19 SPACER 24 SPACER	HEX HEAD SCREW / 5*50 WITH SPACERS FOR DOORS	17 / 8 / 4
		14 / AFS-68 / ABS-68	11 3/16" / 300 mm CONNECTOR	6 / 25 / 4

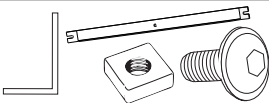











**12X8 MODEL HARDWARE LIST**

# SUMMIT 4' EXTENSION KIT BOX: GRA-SUM-4X

## PARTS LIST CONTAINS PANELS, HARDWARE, AND ALUMINUM PARTS

**4' EXTENSION HARDWARE LIST**


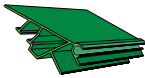
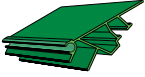


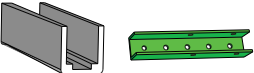



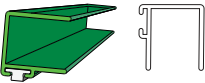


GRAPHIC	PART NAME	SIZE/LOCATION	4X QTY
	26 / AFS-612 & SQ-NUT6	23 5/8" in / 600mm INNER ROOF SUPPORT	10 / 20 / 20
	7-XS / S08	7 ROOF RIDGE EXTENDER AND SCREWS	3/13
	2A	59 9/16 in / 1437 mm SIDE WALL EXTRUSION	4
	3C	21 7/8 in / 555 mm UNDER ROOF VENTS	2
	3F	46 1/4 in / 1175 mm UPPER ROOF SECTION	4
	3G	44 5/8 in / 1133 mm LOWER ROOF SECTION	4
	6	21 7/8 in / 555 mm WINDOW SEALS	4
	7B	46 3/4 in / 1187 mm 4' ROOF EXTENSION	1
	9B	46 3/4 in / 1187 mm 4' RIGHT LOWER EAVE EXTENSION	1
	9C	46 3/4 in / 1187 mm 4' LEFT LOWER EAVE EXTENSION	1
	10B	46 3/4 in / 1187 mm 4' RIGHT GUTTER EXTENSION	1
	10C	46 3/4 in / 1187 mm 4' LEFT GUTTER EXTENSION	1

PACKED TOGETHER

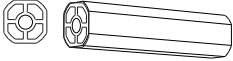
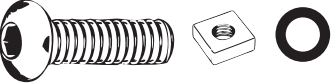



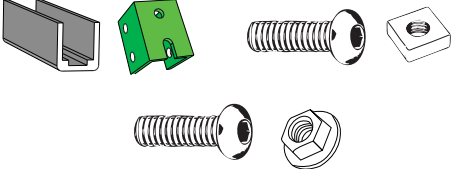

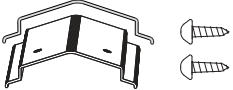
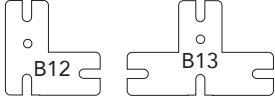
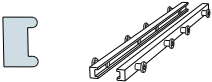
# SUMMIT 4' EXTENSION KIT BOX: GRA-SUM-4X

## PARTS LIST CONTAINS PANELS, HARDWARE, AND ALUMINUM PARTS

	GRAPHIC	PART NAME	SIZE/LOCATION	4X QTY
		38	21 7/8 in / 555.4 mm UPPER ROOF PANEL CAP	4
PACKED TOGETHER		39B	46 3/4 in / 1187 mm 4' RIGHT UPPER EAVE EXTENSION	1
		39C	46 3/4 in / 1187 mm 4' LEFT UPPER EAVE EXTENSION	1
		31A	47 1/4" / 1200 mm SIDE SUPPORT TO BASE	2
		31B	38 5/8" / 981 mm SIDE SUPPORT TO MID ROOF	2
		32B	11 13/16" / 300 mm TENSION BRACKET	2
		12D	46 7/8 in / 1191 mm FM 4' EXTENSION LEFT	1
		12E	46 7/8 in / 1191 mm FM 4' EXTENSION RIGHT	1
		15	22 7/8 in / 581 mm ROOF VENT TOP EXTRUSIONS	2
		16	22 15/16 in / 583 mm ROOF VENT BOTTOM EXTRUSIONS	2
		17A	30 1/2 in / 775 mm ROOF VENT SIDE	4



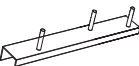






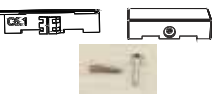
# SUMMIT 4' EXTENSION KIT BOX: GRA-SUM-4X

## PARTS LIST CONTAINS PANELS, HARDWARE, AND ALUMINUM PARTS

	GRAPHIC	PART NAME	SIZE/LOCATION	4X QTY
PACKED TOGETHER		35	2 13/16 in / 72 mm STANDOFF	10
		ABS685 / SQ-NUT / WASHER-M6	M6*85 mm SCREW FOR 35 STANDOFF	9
PACKED TOGETHER		TEN-HOOK	7 1/2 in / 190 mm	1
		TEN-CABLE	104.72" / 2660 mm CABLE FOR TENSION	1
		EYEBOLT-610/ WASHER-6	M6*100 EYE BOLT / 2MM WASHER	1
		32A ABS-612 / SQ-NUT-6 ABS-640 / ML01	1 1/2" / 38 mm TENSION BRACKET M6*12 / SQUARE NUT M6*40 / ML01 FLANGED NUT	4 8/8 6/6
		GX5 / DP02B / S07	3 9/16 in / 90 mm 10 GUTTER CONNECTOR M5*8 SCREWS	2 / 2 / 5
		GX40 / S06	ROOF CAP CONNECTOR 3 9/16" / 90MM WITH S06 SCREWS 4*10	1 / 3
		B12 / B13	CONNECTORS FOR 3C	4 / 2
		14 / AFS-68	11 3/16" / 300 mm 9 CONNECTOR AFS-68	11 / 45

# SUMMIT 4' EXTENSION KIT BOX: GRA-SUM-4X






## PARTS LIST CONTAINS PANELS, HARDWARE, AND ALUMINUM PARTS

	GRAPHIC	PART NAME	SIZE/LOCATION	4X QTY
PACKED TOGETHER		PILE	6X6 STRIP	4.5 METERS
		HQC01	ROOF VENT ARM	2
		HQC02	ROOF VENT LATCH	2
PACKED TOGETHER		ABS-48 / SQ-NUT-4 AFS-612/SQ-NUT-6	ROOF VENT HARDWARE	4 EACH
		PPS-516 PHILLIPS PAN HEAD SCREW	5*16 SCREW ROOF VENT FRAME	9
		RVS / PPS-46	RVS & M4 SCREW	4
		AFS-612	M6*12 HEX BUTTON HEAD SCREW WITH FLANGE	65
		SQ-NUT-6	M6 SQUARE NUT	65
		ABS-625 / ML01	S13 SCREW 6*25 CONNECTS THE 12 TO BASE	8 / 8
		C6 / Z01	CAPS AND SCREWS	4 / 4

**4' EXTENSION HARDWARE LIST**

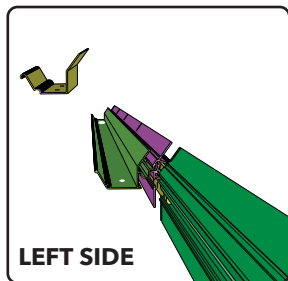
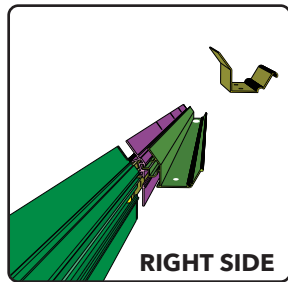
## SUMMIT 4' EXTENSION KIT BOX: GRA-SUM-4X

### POLYCARBONATE PANELS ARE IN A BOX, INSIDE THE GRA-SUM-4X BOX

GRAPHIC	NAME	SIZE/LOCATION	WIDTH	HEIGHT 1	HEIGHT 2	QTY
	W7	SIDE WALL PANEL	22 3/4 in / 578 mm	55 15/16 in / 1420 mm		4
	W8	MID ROOF PANEL	22 3/4 in / 578 mm	44 7/8 in / 1140 mm		2
	W9	UNDER ROOF VENT	22 3/4 in / 578 mm	12 11/16 in / 322 mm		2
	W10	ROOF VENT PANEL	22 3/4 in / 578 mm	28 13/16 in / 732 mm		2
	W11	UPPER ROOF PANEL	22 3/4 in / 578 mm	46 11/16 in / 1186 mm		4

# SUMMIT 8' EXTENSION KIT BOX: GRA-SUM-8XA

## PARTS LIST CONTAINS HARDWARE AND ALUMINUM PARTS




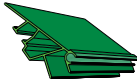

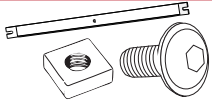


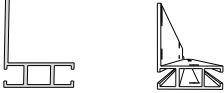



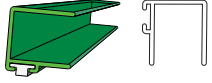
GRAPHIC	PART NAME	SIZE/LOCATION	8X QTY
	2A	56 9/16 in / 1437 mm SIDE WALL EXTRUSION	8
	3C	21 7/8 in / 555 mm UNDER ROOF VENTS	4
	3F	46 5/16 in / 1176 mm UPPER ROOF SECTION	8
	3G	44 5/8 in / 1133 mm LOWER ROOF SECTION	8
	6	21 7/8 in / 555 mm WINDOW SEALS	8
	7C	93 1/2 in / 2375 mm 8' ROOF EXTENSION	1
	9D	93 1/2 in / 2375 mm 8' RIGHT EAVE EXTENSION	1
	9E	93 1/2 in / 2375 mm 8' LEFT EAVE EXTENSION	1
	10D	93 1/2 in / 2375 mm 8' RIGHT GUTTER EXTENSION	1
	10E	93 1/2 in / 2375 mm 8' LEFT GUTTER EXTENSION	1
	8B-X	58 3/8 in / 1483mm SIDE WALL X SUPPORTS	4

PACKED TOGETHER

PACKED TOGETHER

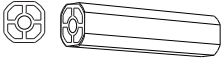
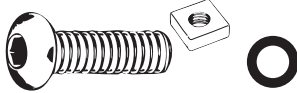



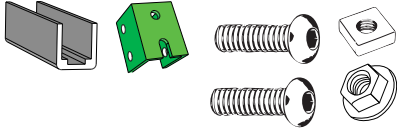
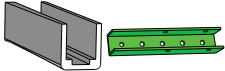

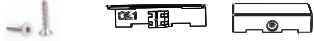
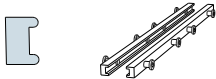

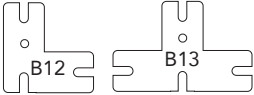
# SUMMIT 8' EXTENSION KIT BOX: GRA-SUM-8XA

## PARTS LIST CONTAINS HARDWARE AND ALUMINUM PARTS

	GRAPHIC	PART NAME	SIZE/LOCATION	8X QTY
PACKED TOGETHER		38	21 7/8 in / 555.4 mm UPPER ROOF PANEL CAP	8
		39D	93 1/2 in / 2350 mm 8' RIGHT UPPER EAVE EXTENSION	1
		39E	93 1/2 in / 2350 mm 8' LEFT UPPER EAVE EXTENSION	1
PACKED TOGETHER		26 / AFS-612 / SQ-NUT	23 5/8 in / 600 mm EAVE & ROOF SUPPORTS	20 / 40
		31A	47 1/4" / 1200 mm SIDE SUPPORT TO BASE	4
		31B	38 11/16" / 983 mm SIDE SUPPORT TO MID ROOF	4
PACKED TOGETHER		12F	93 1/2 in / 2350 mm FM 8' EXTENSION LEFT	1
		12G	93 1/2 in / 2350 mm FM 8' EXTENSION RIGHT	1
PACKED TOGETHER		15	22 13/16 in / 580 mm ROOF VENT TOP EXTRUSIONS	4
		16	22 13/16 in / 580 mm ROOF VENT BOTTOM EXTRUSIONS	4
		17A	30 9/16 in / 776 mm ROOF VENT SIDE	8

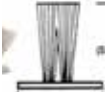

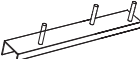







# SUMMIT 8' EXTENSION KIT BOX: GRA-SUM-8XP

## PARTS LIST CONTAINS HARDWARE AND ALUMINUM PARTS

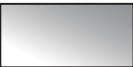




PACKED TOGETHER	GRAPHIC	PART NAME	SIZE/LOCATION	8X QTY	
		35	2 5/8 in / 72 mm STANDOFF	20	
		ABS-685 / SQ-NUT / WASHER-M6	M6*85MM SCREW FOR 35 STANDOFF	20 / 18	
		TEN-HOOK	7 1/2 in / 190 mm	2	
		TEN-CABLE	104.72" / 2660 mm F-B WALL UPPER SUPPORT BRACKET	2	
		EYEBOLT-610/ WASHER-M6	M6*100 EYE BOLT / 4MM WASHER	2	
		32A ABS-612 / SQ-NUT-6 ABS-640 / ML01	TENSION BRACKET M6*12 / SQUARE NUT M6*40 / ML01 FLANGED NUT	8 16 / 16 12 / 12	
		32B	11 13/16" / 300 mm TENSION BRACKET	4	ELI-8XA BOX
		ABS-625 / ML01	S13 SCREW 6*25 CONNECTS THE 12 TO BASE	16 / 16	
		C6/ Z01	CAPS AND SCREWS	8/8	
		14 / AFS-68	11 3/16" / 300 mm CONNECTOR AFS-68	11 / 45	
		7-XS / S08	7 ROOF RIDGE EXTENDER AND SCREWS	3 / 13	
		B12 / B13	CONNECTOR FOR 3C	8 / 4	

## SUMMIT 8' EXTENSION KIT BOX: GRA-SUM-8XP






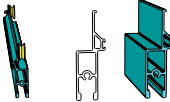
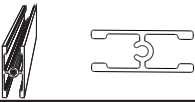
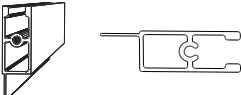




### PARTS LIST CONTAINS HARDWARE AND ALUMINUM PARTS

	GRAPHIC	PART NAME	SIZE/LOCATION	12X8 QTY
PACKED TOGETHER		PILE	6X6 STRIP	9 METERS
		HQC01	ROOF VENT ARM	4
		HQCO2	ROOF VENT LATCH	4
		ABS-48 / SQ-NUT-4 AFS-612/SQ-NUT-6	ROOF VENT HARDWARE	8 EACH
PACKED TOGETHER		PPS-516 PHILLIPS PAN HEAD SCREW	5*16 SCREW ROOF VENT FRAME	17
		RVS / PPS-46	RVS & M4 SCREW	8 SETS
		GX5 / DP02B / S07	3 9/16 in / 90 mm 10 GUTTER CONNECTOR M5*8 SCREWS	2 / 5
		GX40 / S06	ROOF CAP CONNECTOR 3 9/16" / 90MM WITH S06 SCREWS 4*10	1 / 3
		AFS-612	M6*12 HEX BUTTON HEAD SCREW WITH FLANGE	95
		SQ-NUT-6	M6 SQUARE NUT	95

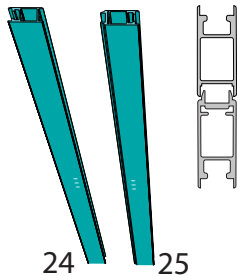
**SUMMIT 8' EXTENSION KIT BOX: GRA-SUM-8XP  
PARTS LIST FOR POLYCARBONATE PANELS FOR THE 8' EXTENSION**

GRAPHIC	NAME	SIZE/LOCATION	WIDTH	HEIGHT 1	HEIGHT 2	QTY
	W7	SIDE WALL PANEL	22 3/4 in / 578 mm	55 15/16 in / 1420 mm		8
	W8	MID ROOF PANEL	22 3/4 in / 578 mm	44 7/8 in / 1140 mm		4
	W9	UNDER ROOF VENT	22 3/4 in / 578 mm	12 11/16 in / 322 mm		4
	W10	ROOF VENT PANEL	22 3/4 in / 578 mm	28 13/16 in / 732 mm		4
	W11	UPPER ROOF PANEL	22 3/4 in / 578 mm	46 5/8 in / 1185 mm		8


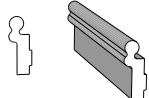
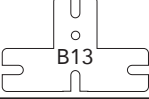







# SUMMIT BACK DOOR TRANSFORMATION KIT ALUMINUM EXTRUSIONS

GRAPHIC	PART NAME	SIZE/LOCATION	12x8 QTY
	3E	95 15/16 in / 2437 mm BEHIND DOOR HEADER (HAS HOLES)	1
	11	46 1/4 in / 1175 mm UPPER ROOF SECTION	1
	12A	70 1/2 in / 1791 mm FM FRONT WALL LEFT	1
	12B	70 1/2 in / 1791 mm FM FRONT WALL RIGHT	1
	13C	47 1/2 in / 1207 mm FRONT WALL SUPPORT	2
	20A	21 1/16 in / 535 mm TOP OF DOOR	2
	21A	21 1/16 in / 535 mm MID DOOR	4
	22A	21 1/16 in / 535 mm BOTTOM DOOR	2
	23	84 13/16 in / 2155 mm OUTER SIDES DOORS	2
	24A	84 13/16 in / 2155 mm DOOR SIDE LEFT	1
	25A	84 13/16 in / 2155 mm DOOR SIDES RIGHT	1
	27A	91 9/16 in / 2326 mm DOOR HEADER TRACK	1

Door Extrusion, handles, and magnet.  
Door Handles Handles will be centered on the extrusions 24A and 25A.

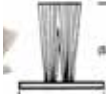

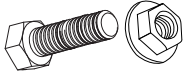



# SUMMIT BACK DOOR TRANSFORMATION KIT ALUMINUM EXTRUSIONS

	GRAPHIC	PART NAME	SIZE/LOCATION	12x8 QTY
PACKED TOGETHER		33	95 15/16 in / 2437 mm BEHIND DOOR HEADER (HAS HOLES)	2
		34	46 1/4 in / 1175 mm UPPER ROOF SECTION	2
PACKED TOGETHER		B13	BRACKET FOR BACK DOOR WALL	1
		ABS-612 / SQ-NUT-6	M6*12MM ALLEN BUTTON HEAD SCREW WITH SQUARE NUT	26 / 26
		C10	UPPER LEFT SIDE	2
		C11	UPPER RIGHT SIDE	2
		C12	BOTTOM DOOR	2
		C13	BOTTOM DOOR	2
		JO7/PPS-416	END CAP FOR THE 27A WITH SCREWS	2 / 5
		4	86 5/8 in / 2200 mm SIDES OF DOORS	2

**BACK DOOR TRANSFORMATION KIT**

## SUMMIT BACK DOOR TRANSFORMATION KIT ALUMINUM EXTRUSIONS

GRAPHIC	PART NAME	SIZE/LOCATION	12x8 QTY
	DOOR PILE	WEATHER STRIPPING	6 METERS
	AS-550 / 19 SPACER 24 SPACER	HEX HEAD SCREW / 5*50 WITH SPACERS FOR DOORS	17 / 17
	S02 / ML01	HARDWARE TO HANG 27A	4 / 4
	W6 PANEL	WIDTH: 21 7/8 in / 555 mm HEIGHT: 27 3/8 in / 695 mm	6

<b>DOOR HANDLE BOX</b> SUMMIT DOOR HANDLE BOX			
	DOOR HANDLES	DOOR HANDLES SET OF 2 KEYS	1 SET

# GRANDIO GREENHOUSE LIMITED LIFETIME WARRANTY

1. Grandio Greenhouses are warranted to the original purchaser to be free from defects in material or workmanship for ten years from the date of original retail purchase on all plastic panels. Additionally the aluminum frame is warranted for life. The word "defects" is defined as imperfections that impair the use of the product.
2. Defects resulting from misuse, abuse or negligence will void this warranty. This warranty does not cover defects due to improper installation, alteration or accident. This warranty does not cover damage caused by vandalism, rusting, "acts of nature" or any other event beyond the control of the manufacturer.
3. This warranty is nontransferable and is expressly limited to the repair or replacement of defective product if the product is defective within the terms of this warranty, Grandio Greenhouses will repair or replace defective parts at no cost to the purchaser. Shipping charges to and from the factory or distribution center are not covered and are the responsibility of the purchaser. Labor charges and related expenses for removal, installation or replacement of the greenhouse or its components are not covered under this warranty.
4. This warranty does not cover scratching or scuffing of the product that may result from normal usage. In addition, defects resulting from intentional damage, negligence, unreasonable use will void this warranty.
5. Liability for incidental or consequential damages is excluded to the extent permitted by law. While every attempt is made to embody the highest degree of safety in all equipment, freedom from injury cannot be guaranteed. The user assumes all risk of injury resulting from the use of this product. All merchandise is sold on this condition, and no representative of the company may waive or change this policy.
6. This product is not intended for institutional or commercial use; Grandio Greenhouses does not assume any liability for such use.
7. This warranty is expressly in lieu of all other warranties, expressed or implied, including warranties of merchantability for use to extent permitted by Federal and State Law. Neither Grandio Greenhouses nor any representative assumes any other liability in connection with this product. This warranty gives you specific legal rights, and you may also have other rights that vary from state to state.