



GRANDIO[®]
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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April 24, 2018 Summit Greenhouse Models Manual 3*



PARTS LIST MANUAL 3

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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 gras, 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 this manual for your surface. 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 | • 2-4 Ladders For Larger Sizes | • Safety Glasses |
| • Level | • Work Gloves | • Drill |
| • Carpenter Square | • Permanent Marker | • Folding Utility Table |
| • At Least 2 Adults | • Masking Tape | |



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.

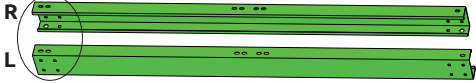
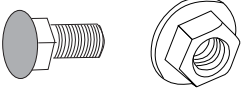
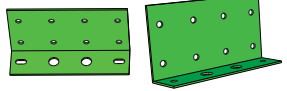
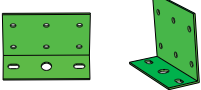
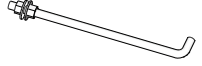
Inventory the parts and lay out on a tarp as to not lose items in the grass or dirt near your building site, a folding table is very helpful as well.

*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.

* If building a back door you will follow the instructions in the manual included with the Back Door Kit box, the parts will be in box **GRA-SUM-BD**.

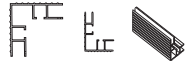
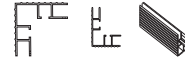
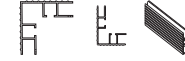
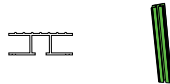
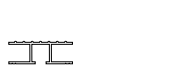
MODEL 12'X8' SUMMIT GREENHOUSE KIT & OPTIONAL STEEL BASE KIT	SUMMIT GREENHOUSE 4' EXTENSION KIT & OPTIONAL 4' STEEL BASE EXTENSION KIT	SUMMIT GREENHOUSE 8' EXTENSION KIT & OPTIONAL 8' STEEL BASE EXTENSION KIT
Summit 12x8 1	0	0
Summit 12x12 1	1	0
Summit 12x16 1	0	1
Summit 12x20 1	1	1
Summit 12x24 1	0	2
Summit 12x28 1	1	2
Summit 12x32 1	0	3
GRANDIO SUMMIT 12X8	GRANDIO SUMMIT 4' X	GRANDIO SUMMIT 8' X
GRA-SUM-12A-1 Aluminum Extrusions Box 1 GRA-SUM-12A-2 Aluminum Extrusions Box 2 GRA-SUM-12P-1 Polycarbonate Panels Box 1 GRA-SUM-12P-2 Polycarbonate Panels Box 2	GRA-SUM-4X 4' Extension Aluminum Extrusions 4' Extension Polycarbonate Panels	GRA-SUM-8XA 8' Extension Aluminum Extrusions GRA-SUM-8XP 8' Extension Polycarbonate Panels
GRANDIO STEEL BASE KIT 12X8	GRANDIO STEEL BASE KIT 4' X	GRANDIO STEEL BASE KIT 8' X
GRA-BASE-S128 12x8 Steel Base Kit	GRA-BASE-S4X 4' Steel Base Kit Extension	GRA-BASE-S8X 8' Steel Base Kit Extension

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

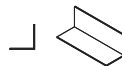
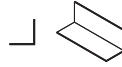
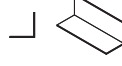
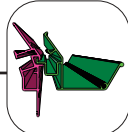
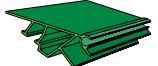
GRAPHIC	PART NAME	PART NAME	SIZE/LOCATION	12X8 QTY	4X QTY	8X QTY
NOTE: THE END WITH 2 HOLES WILL GO TO THE BACK OF THE GREENHOUSE 		BA-4X-R BA-4X-L	46 3/4" / 1187mm 4' EXTENSION BASE PIECE	0	1/1	0
 front view		BA-6-RIGHT	72" / 1829 mm 6' FRONT RIGHT BASE KIT PIECE	2	0	0
 front view		BA-6-LEFT	72" / 1829 mm 6' FRONT LEFT BASE KIT PIECE	2	0	0
		BA-8	94 1/4" / 2394 mm 8' BASE KIT PIECE	2	0	0
NOTE: THE END WITH 2 HOLES WILL GO TO THE BACK OF THE GREENHOUSE 		BA-8X-R BA-8X-L	93 7/16" / 2374 mm 8' EXTENSION BASE PIECE	0	0	1/1
		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	END BRACKET FOR BASE 3 15/16 in / 100 mm	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 QUANTITY
	1A	56 9/16 in / 1437 mm LOWER F/B CORNERS	4
	1B	44 11/16 in / 1135 mm ROOF CORNERS	8
	1C	3 15/16" / 100 mm FLATMOUNT BASE CORNER ALIGNMENT SPACER	4
	2A	59 9/16 in / 1437 mm SIDE WALL PIECES	6
	2B	86 5/8 in / 2200 mm BACK WALL	5
	2C	86 5/8 in / 2200 mm FRONT WALL LOWER PIECES	2
	3A	12 3/16 in / 309 mm F/B L/R WALL PIECES	2
	3B	12 3/16 in / 309 mm F/B L/R WALL PIECES	2
	3C	21 7/8 in / 555 mm UNDER ROOF VENTS	4
	3D	19 3/8 in / 492 mm MIDDLE UPPER ROOF	2
	3E	95 15/16 in / 2437 mm BEHIND DOOR HEADER (HAS HOLES)	1
	3F	46 1/4 in / 1175 mm UPPER ROOF SECTION	6

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 QUANTITY
	3G	44 5/8 in / 1133 mm6 LOWER ROOF SECTION	6
 	3H	95 15/16 in / 2437 mm BACK WALL (NO HOLES)	1
	4	86 5/8 in / 2200 mm SIDES OF DOORS	2
 	6	21 7/8 in / 555 mm WINDOW SEALS	28
	7A	94 1/4 in / 2394 mm ROOF RIDGE 8A UNIVERSAL ACCEPTS ON BOTH ENDS	1
	8A-X	50 13/16 in / 1290 mm FRONT AND BACK WALL SUPPORTS	6
	8B-X	58 1/4 in / 1480 mm SIDE WALL SUPPORTS	4
	8C-X	48 7/16 in / 1230 mm ROOF SUPPORTS	8
 	9A	94 1/4 in / 2394 mm 8A UNIVERSAL GUTTER SUPPORT	2
 	10A	94 3/8 in / 2397 mm 8A UNIVERSAL GUTTER	2
 	38	21 7/8 in / 555.4 mm	8
	39A	94 1/4 in / 2394 mm UPPER MID ROOF SUPPORTS 8A UNIVERSAL PIECE	2

SUMMIT 12X8 ALUMINUM EXTRUSIONS LIST CONTINUED

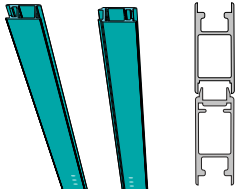
WILL BE FOUND IN BOXES: GRA-SUM-12A-1 & GRA-SUM-12A-2

	GRAPHIC	PART NAME	SIZE/LOCATION	12X8 QUANTITY
		11	93 1/4 in / 2370 mm DOOR TRACK	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
		12C	94 1/4 in / 2394 mm SIDE/BACK FM 8' PIECE	3
The 12D and 12E profiles may be labeled incorrectly on this product run, please confirm they are placed correctly for your installation.		12D	46 3/4 in / 1187 mm FM 4' EXTENSION LEFT OR BACK	1
		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
PACKED TOGETHER		13A	46 3/4 in / 1187 mm BACK WALL SUPPORT (L08B)	1
		13B	94 1/4 in / 2394 mm BACK WALL SUPPORT (L08B)	1
		13C	47 1/2 in / 1207 mm FRONT WALL SUPPORT	2

SUMMIT 12X8 ALUMINUM EXTRUSIONS LIST CONTINUED

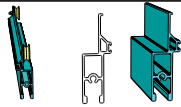
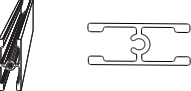
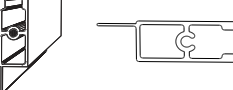
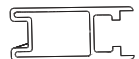
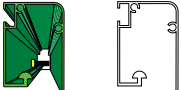
WILL BE FOUND IN BOXES: GRA-SUM-12A-1 & GRA-SUM-12A-2

New Door Extrusion, handles, and magnet.
Door Handles from Zhenjian.
B089-1K.
Handles will be centered on the
extrusions 24A and 25A.



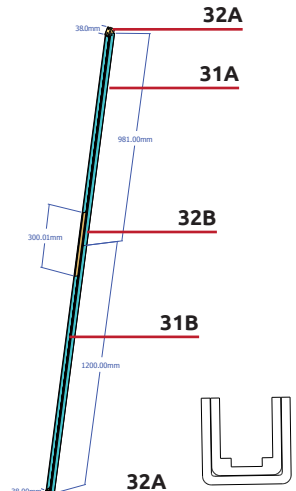
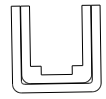
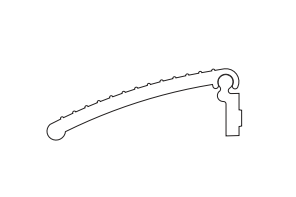
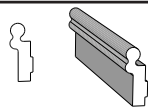
24 25

Replacement 15 parts
will be in welcome kit for this run

GRAPHIC	PART NAME	SIZE/LOCATION	12x8 QTY
	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
	26 / AFS-612 & SQ-NUT6	23 5/8 in / 600 mm CZ1 EAVE & ROOF SUPPORTS	15 / 32
	27A	90 1/2 in / 2325 mm DOOR HEADER TRACK	1
	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 1/2 in / 775 mm ROOF VENT SIDE	8

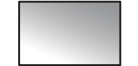
SUMMIT 12X8 ALUMINUM EXTRUSIONS LIST CONTINUED WILL BE FOUND IN BOXES: GRA-SUM-12A-1 & GRA-SUM-12A-2

12X8 MODEL PARTS LIST

	GRAPHIC	PART NAME	SIZE/LOCATION	12x8 QUANTITY
		31A	47 1/4" / 1200 mm SIDE SUPPORT TO BASE BOTTOM PART OF NEW AZ1	2
		31B	38 5/8" / 981 mm SIDE SUPPORT TO MID ROOF TOP PART OF NEW AZ1	2
		31C	27 9/16" / 700 mm F-B WALL UPPER SUPPORT BRACKET	2
		32A		
		33	45 in/ 1143 mm DOOR THRESHOLD RAMP	2
		34	45 3/16 in/ 1148 mm DOOR THRESHOLD CATCH	2

BOX: GRA-SUM-12P-1

**** NOTE THESE MAY BE LABELED OPPOSITE OF WHAT THEY ARE JUST MAKE SURE WHEN INSTALLING THAT THE CLEAR SIDE OF THE PANEL FACES TOWARD THE SUN.**

	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
*		W03A	MID F/B WALL PANEL	22 3/4 in / 578 mm	8 1/4 in / 209 mm	38 in / 966 mm	2
*		W03B	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	22 3/4 in / 578 mm	12 3/4 in / 323 mm		2
*		W4B	UPPER F/B WALL PANEL	24 1/16 in / 612 mm	12 3/4 in / 323 mm		2
*		W5A	UPPER F/B WALL PANEL	24 1/16 in / 612 mm	12 15/16 in / 328 mm	20 5/16 in / 516 mm	2
*		W5B	UPPER F/B WALL PANEL	22 3/4 in / 578 mm	20 5/16 in / 516 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

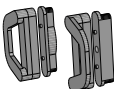
GRAPHIC	NAME	SIZE/LOCATION	WIDTH	HEIGHT 1	HEIGHT 2	QTY
	W2	MID FRONT & BACK	22 3/4 in / 578 mm	38 in / 966 mm		
	W6	DOOR PANELS	21 7/8 in / 555 mm	27 3/8 in / 695 mm		
	W7	SIDE WALL PANEL	22 3/4 in / 578 mm	55 15/16 in / 1420 mm		
	W9	UNDER ROOF VENT	22 3/4 in / 578 mm	12 11/16 in / 322 mm		
	W11	UPPER ROOF PANEL	22 3/4 in / 578 mm	46 5/8 in / 1185 mm		

SUMMIT HARDWARE KIT BOX

SUMMIT 12X8 HARDWARE KIT BOX CONTENTS LISTED ON FOLLOWING PAGES

B089 DOOR HANDLE BOX

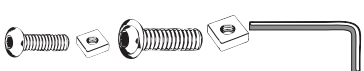
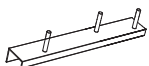
SUMMIT DOOR HANDLE BOX - INSIDE GRA-SUM-12P-2

	B089-1K DOOR HANDLES	DOOR HANDLES B089-1K SCREW 45MM LONG SHORTENED CYLINDER 32MM SET OF 2 KEYS	1 SET
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SUMMIT 12X8 HARDWARE KIT

CONTENTS LIST ON FOLLOWING PAGES,

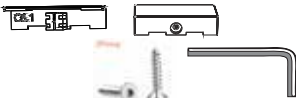
WILL BE FOUND IN BOX: GRA-SUM-12P-2

PACKED TOGETHER		AFS-612	GREENHOUSE SCREW	224
		SQ-NUT6	SQUARE NUT 6MM	270
		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
		PPS-516	PHILLIPS PANHEAD SCREW 5*16 FOR ROOF VENT	17
	 Screws will be in welcome kit for this run	RVS / PPS-46	RVS with M4* Screw	8
		WINDOW PILE / DOOR PILE	6x6 PILE STRIP FOR WINDOWSAND DOORS	9 M WINDOWS / 6 M DOORS

SUMMIT 12X8 HARDWARE KIT CONTENTS LIST CONTINUED

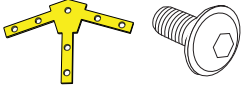
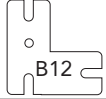
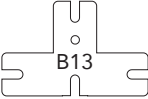
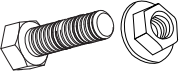
WILL BE FOUND IN BOX: GRA-SUM-12P-2

12X8 MODEL HARDWARE LIST

	GRAPHIC	PART NAME	SIZE/LOCATION	12x8 QUANTITY
PACKED TOGETHER		C1	CENTER ROOF CAP	2
		C2	630 MID ROOF CAP LEFT	2
		C3	630 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	SCREW FOR C2 & C3 ENDCAP	4
PACKED TOGETHER IN WELCOME KIT BOX		C6/ ACS-516 / 5 ALLEN WRENCH	UPPER ROOF PANEL CAP	8
		ABS-612	SCREWS FOR END CAPS	10
		C10	NEW PART UPPER LEFT SIDE	2
		C11	NEW PART UPPER RIGHT SIDE	2
		C12	NEW PART BOTTOM DOOR	2
		C13	NEW PART BOTTOM DOOR	2

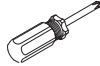
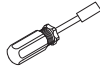
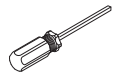
SUMMIT 12X8 HARDWARE KIT CONTENTS LIST CONTINUED

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

	GRAPHIC	PART NAME	SIZE/LOCATION	12x8 QUANTITY
PACKED TOGETHER		C14	FM BASE CORNER GUARD	2
		C15	FM BASE CORNER GUARD	2
		B1 / AFS-68	3mm / ROOF CONNECTOR	2 / 12
		B2 / AFS-68	3mm / EAVE CONNECTOR	8 / 32
		B9	BACKWALL CONNECTOR	5
		B10	F/B WALL CONNECTOR	4
		B11	F/B WALL CONNECTOR	4
		B12	603C CONNECTOR	8
		B13	603C CONNECTOR	3
		AFS-610	SCREWS	102
		S02 / ML01	HARDWARE TO HANG 27	4 / 4

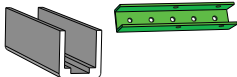
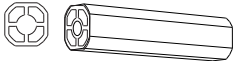
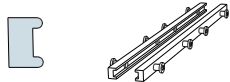
SUMMIT 12X8 HARDWARE KIT CONTENTS LIST CONTINUED

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

GRAPHIC	PART NAME	SIZE/LOCATION	12x8 QUANTITY
	TEN-HOOK	7 1/2 in / 190 mm	1
	EYE BOLT-610 / WASHER-6	M6*100 2mm WASHER	1
	TEN-CABLE	104" / 3M CABLE TENSION SUPPORT	1
	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 / SQ-NUT-6	6*25 CONNECTS 27 AND 3E	4
	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/8	16 / 16

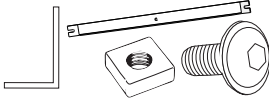
SUMMIT 12X8 HARDWARE KIT CONTENTS LIST CONTINUED

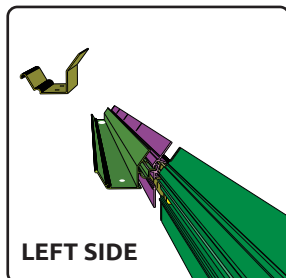
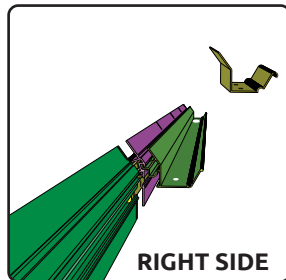
WILL BE FOUND IN BOX: GRA-SUM-12P-2

GRAPHIC	PART NAME	SIZE/LOCATION	12x8 QUANTITY
	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 31 B- AZ1	2
	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	27 END CAP	2 / 4
	AS-550 / 19 SPACER 24 SPACER	HEX HEAD SCREW / 5*50 WITH SPACERS FOR DOORS	17 / 17
	14 / AFS-68	11 3/16" / 300 mm 609 CONNECTOR	6 / 25

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

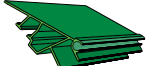
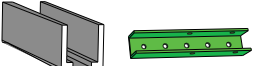
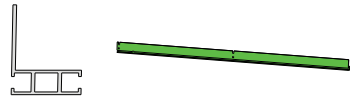
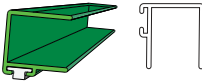
PARTS LIST CONTAINS PANELS, HARDWARE, AND ALUMINUM PARTS

GRAPHIC	PART NAME	SIZE/LOCATION	4X QUANTITY
	26 / AFS-612 & SQ-NUT6	23 5/8" / 600mm INNER ROOF SUPPORT	10
	7-XS / S08	607 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	8
	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



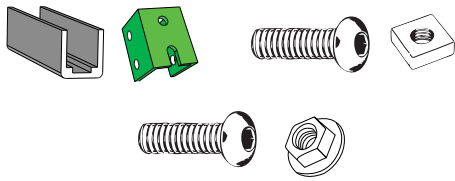
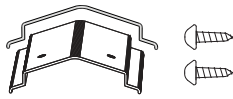
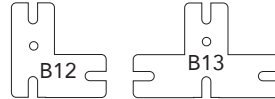
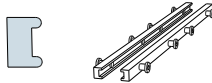
SUMMIT 4' EXTENSION KIT BOX: GRA-SUM-4X

PARTS LIST CONTAINS PANELS, HARDWARE, AND ALUMINUM PARTS

	GRAPHIC	PART NAME	SIZE/LOCATION	4X QUANTITY
PACKED TOGETHER		38	21 7/8 in / 555.4 mm UPPER ROOF PANEL CAP	4
		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
The 12D and 12E profiles may be labeled incorrectly on this product run, please confirm they are placed correctly for your installation.		12D	46 3/4 in / 1187 mm FM 4' EXTENSION LEFT	1
		12E	46 3/4 in / 1187 mm FM 4' EXTENSION RIGHT	1
Replacement 15 parts will be in welcome kit for this run		15	22 13/16 in / 580 mm ROOF VENT TOP EXTRUSIONS	2
		16	22 13/16 in / 580 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

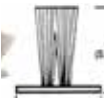
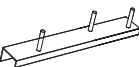
PARTS LIST CONTAINS PANELS, HARDWARE, AND ALUMINUM PARTS

GRAPHIC	PART NAME	SIZE/LOCATION	4X QUANTITY
	35	2 13/16 in / 72 mm STANDOFF	10
	ABS-685 / WASHER-6	M6*85 mm SCREW FOR 35 STANDOFF	9
	TEN-HOOK	7 1/2 in / 190 mm	1
	EYEBOLT-6100/ WASHER-6	M6*100 EYE BOLT / 2MM WASHER	1
	TEN-CABLE	3M NOT INCLUDING LOOP CABLE FOR TENSION	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 603C	4 / 2
	14 / AFS-68	11 3/16" / 300 mm 609 CONNECTOR AFS-68	11 / 45

PACKED TOGETHER

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

PARTS LIST CONTAINS PANELS, HARDWARE, AND ALUMINUM PARTS

GRAPHIC	PART NAME	SIZE/LOCATION	4X QUANTITY
	PILE	6X6 STRIP	4.5 METERS
	HQC01	ROOF VENT ARM	2
	HQC02	ROOF VENT LATCH	2
Square nuts will be in welcome kit for this size, the hex nuts were mis-packed on this run. 	ABS-48 / SQ-NUT-4 AFS-612/SQ-NUT-6	ROOF VENT HARDWARE	2 EACH
	PPS-516 PHILLIPS PAN HEAD SCREW	5*16 SCREW ROOF VENT FRAME	9
Screws will be in welcome kit for this run 	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	S13 SCREW 6*25 CONNECTS THE 12 TO BASE	8 / 8
	C6 / ACS-516	CAPS AND SCREWS	4 / 4

PACKED TOGETHER

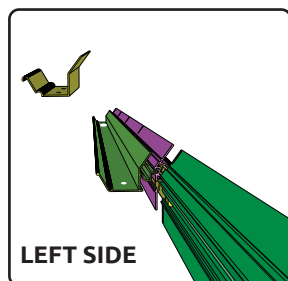
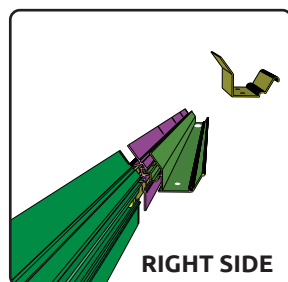
SUMMIT 4' EXTENSION KIT BOX: GRA-SUM-4X

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 5/8 in / 1185 mm		4

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

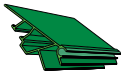
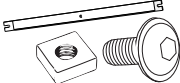
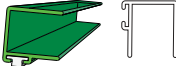
PARTS LIST CONTAINS HARDWARE AND ALUMINUM PARTS



GRAPHIC	PART NAME	SIZE/LOCATION	8X QUANTITY
	2A	56 9/16 in / 1437 mm SIDE WALL EXTRUSION	8
	3C	21 7/8 in / 555 mm UNDER ROOF VENTS	4
	3F	46 1/4 in / 1175 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 7/16 in / 2374 mm 8' ROOF EXTENSION	1
	9D	93 7/16 in / 2374 mm 8' RIGHT EAVE EXTENSION	1
	9E	93 7/16 in / 2374 mm 8' LEFT EAVE EXTENSION	1
	10D	93 7/16 in / 2374 mm 8' RIGHT GUTTER EXTENSION	1
	10E	93 7/16 in / 2374 mm 8' LEFT GUTTER EXTENSION	1
	8B-X	58 1/4 in / 1480mm SIDE WALL X SUPPORTS	4

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

PARTS LIST CONTAINS HARDWARE AND ALUMINUM PARTS

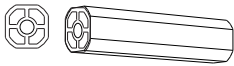
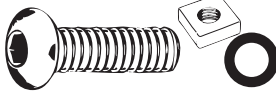
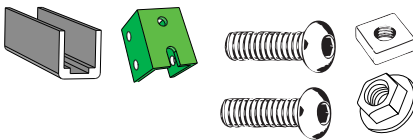
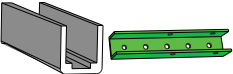
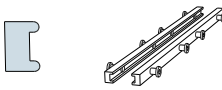
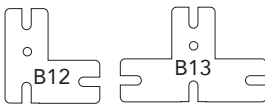
GRAPHIC	PART NAME	SIZE/LOCATION	8X QUANTITY
	38	21 7/8 in / 555.4 mm UPPER ROOF PANEL CAP	8
	39D	93 7/16 in / 2374 mm 8' RIGHT UPPER EAVE EXTENSION	1
	39E	93 7/16 in / 2374 mm 8' LEFT UPPER EAVE EXTENSION	1
	26 / AFS-612 / SQ-NUT	23 5/8 in / 600 mm CZ1 EAVE & ROOF SUPPORTS	20 / 40
	31A	47 1/4" / 1200 mm SIDE SUPPORT TO BASE	4
	31B	38 5/8" / 981 mm SIDE SUPPORT TO MID ROOF	4
	12F	93 7/16 in / 2374 mm FM 8' EXTENSION LEFT	1
	12G	93 7/16 in / 2374 mm FM 8' EXTENSION RIGHT	1
	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 1/2 in / 775 mm ROOF VENT SIDE	8

PACKED TOGETHER

Replacement 15 parts
will be in welcome kit for this run

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

PARTS LIST CONTAINS HARDWARE AND ALUMINUM PARTS

PACKED TOGETHER	GRAPHIC	PART NAME	SIZE/LOCATION	8X QUANTITY
		35	2 5/8 in / 72 mm STANDOFF	20
		ABS685 / SQ-NUT / WASHER-M6	M6*85MM SCREW FOR 35 STANDOFF	18
		TEN-HOOK	7 1/2 in / 190 mm	2
		EYEBOLT-6100/ WASHER-M6	M6*100 EYE BOLT / 4MM WASHER	2
		TEN-CABLE	3 M NOT INCLUDING LOOP F-B WALL UPPER SUPPORT BRACKET	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
		ABS-625	S13 SCREW 6*25 CONNECTS THE 12 TO BASE	16
		C6/ ACS-516	CAPS AND SCREWS	8/8
		14 / AFS-68	11 3/16" / 300 mm 609 CONNECTOR AFS-68	11 / 45
		7-XS / S08	607 ROOF RIDGE EXTENDER AND SCREWS	3 / 13
		B12 / B13	CONNECTOR FOR 603C	8 / 4

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

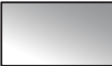
PARTS LIST CONTAINS HARDWARE AND ALUMINUM PARTS

GRAPHIC	PART NAME	SIZE/LOCATION	12X8 QUANTITY
	PILE	6X6 STRIP	9 METERS
	HQC01	ROOF VENT ARM	4
	HQCO2	ROOF VENT LATCH	4
Square nuts will be in welcome kit for this size, the hex nuts were mis-packed on this run. 	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	18
Screws will be in welcome kit for this run 	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	S13 SCREW 6*25 CONNECTS THE 12 TO BASE	95
	SQ-NUT-6	M6 SQUARE NUT	95

PACKED TOGETHER

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



GRANDIO
GREENHOUSES[®]

CONTENTS OF EACH MANUAL

INSTALLATION MANUAL 1
BASE KIT

SEE INSTALLATION MANUAL 2
GREENHOUSE ASSEMBLY

SEE PARTS LIST MANUAL 3
PARTS LIST

Save this owner's manual for future reference and if you need our help.

CONTACT OUR CUSTOMER SERVICE DEPARTMENT at:
1-866-448-8231