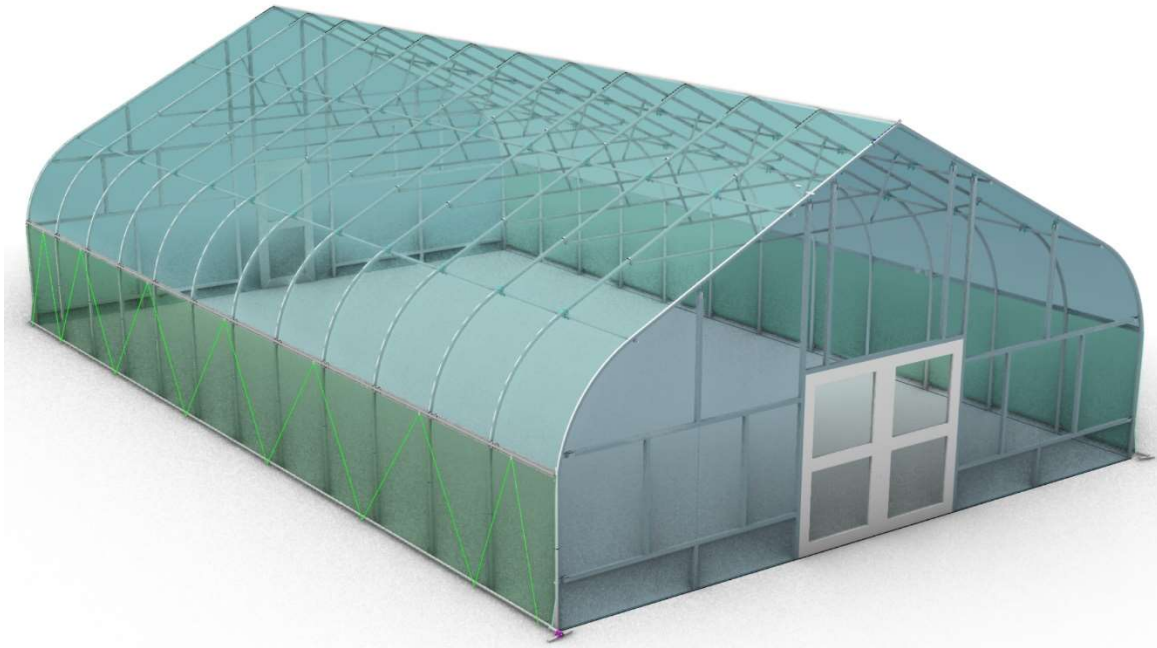




Roll-Up Sides Instruction Manual

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Materials Included

Refer to the separate “pick” list for details on part numbers and quantities.

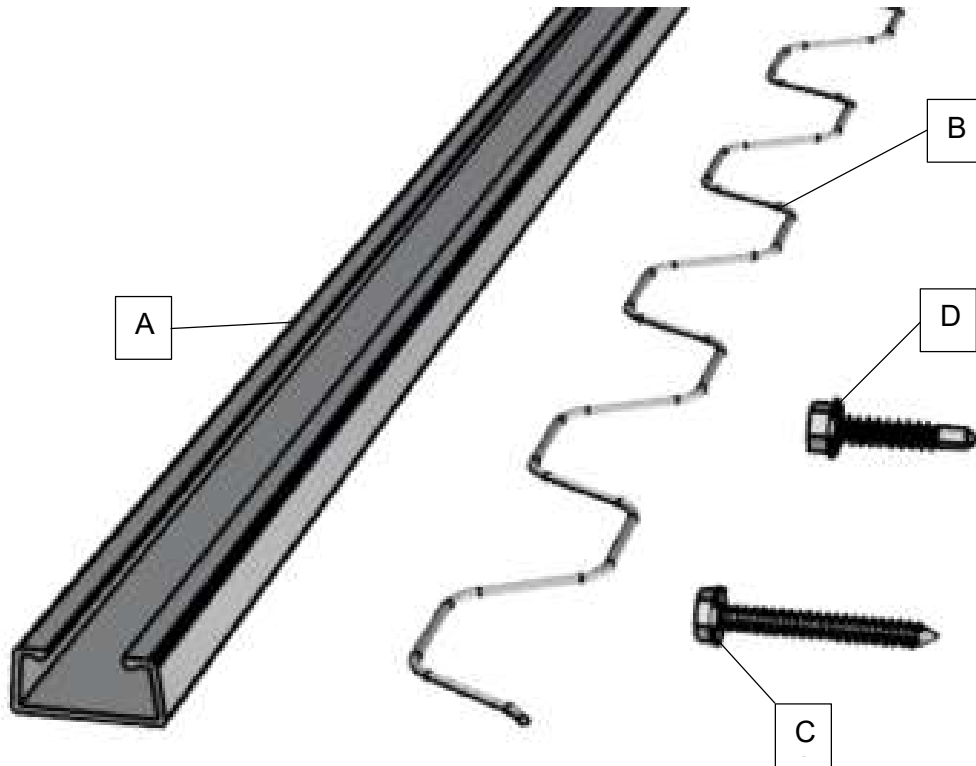
Additional Tools Recommended

- Cordless drill or impact driver
- 8’ step ladders
- Utility knife
- Clamps
- 4’ level
- 100’ or longer tape measure
- Deep socket set with an adaptor for your drill
- Sharpie markers
- Jigsaw or reciprocating saw with metal blade for aluminum extrusion
- Extension cords

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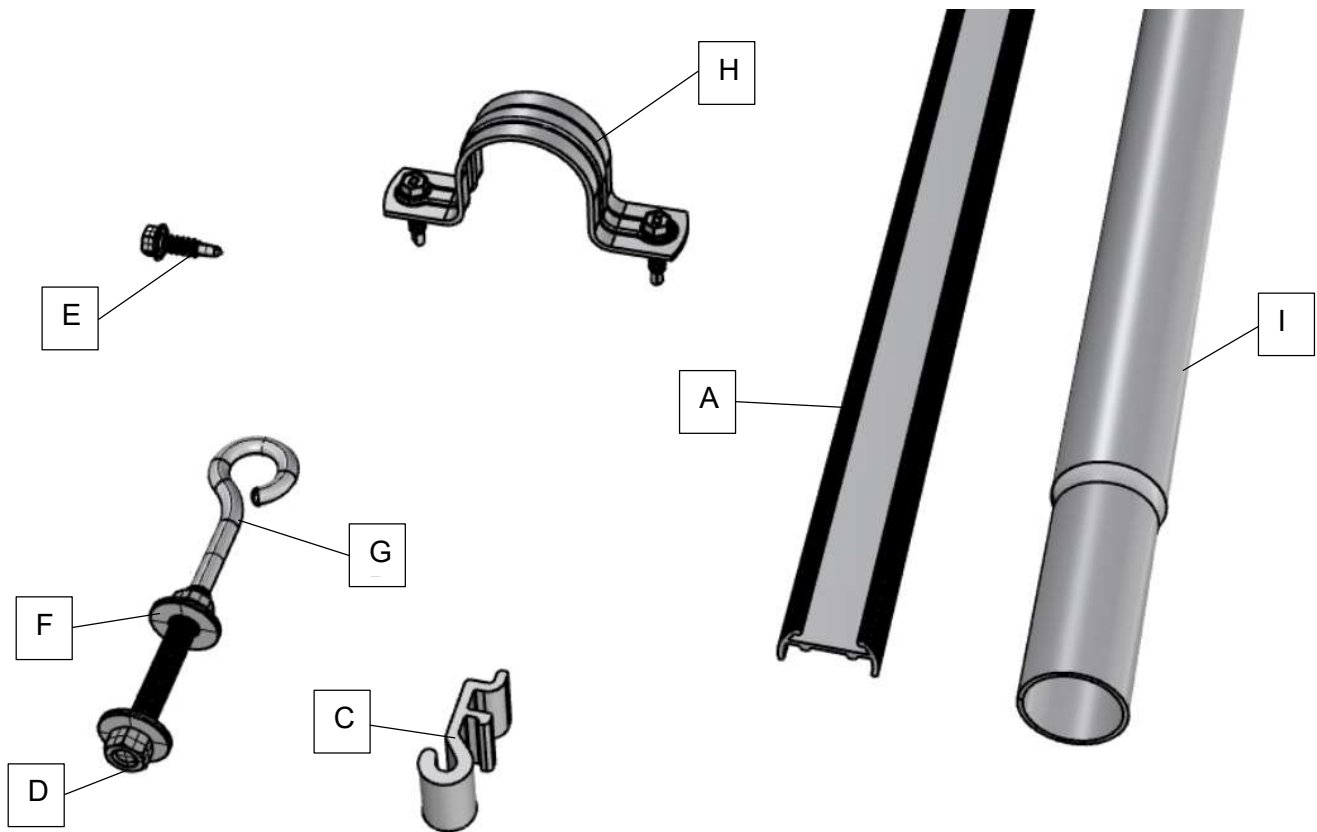
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ILLUSTRATED PARTS LIST SINGLE WIRE LOCK



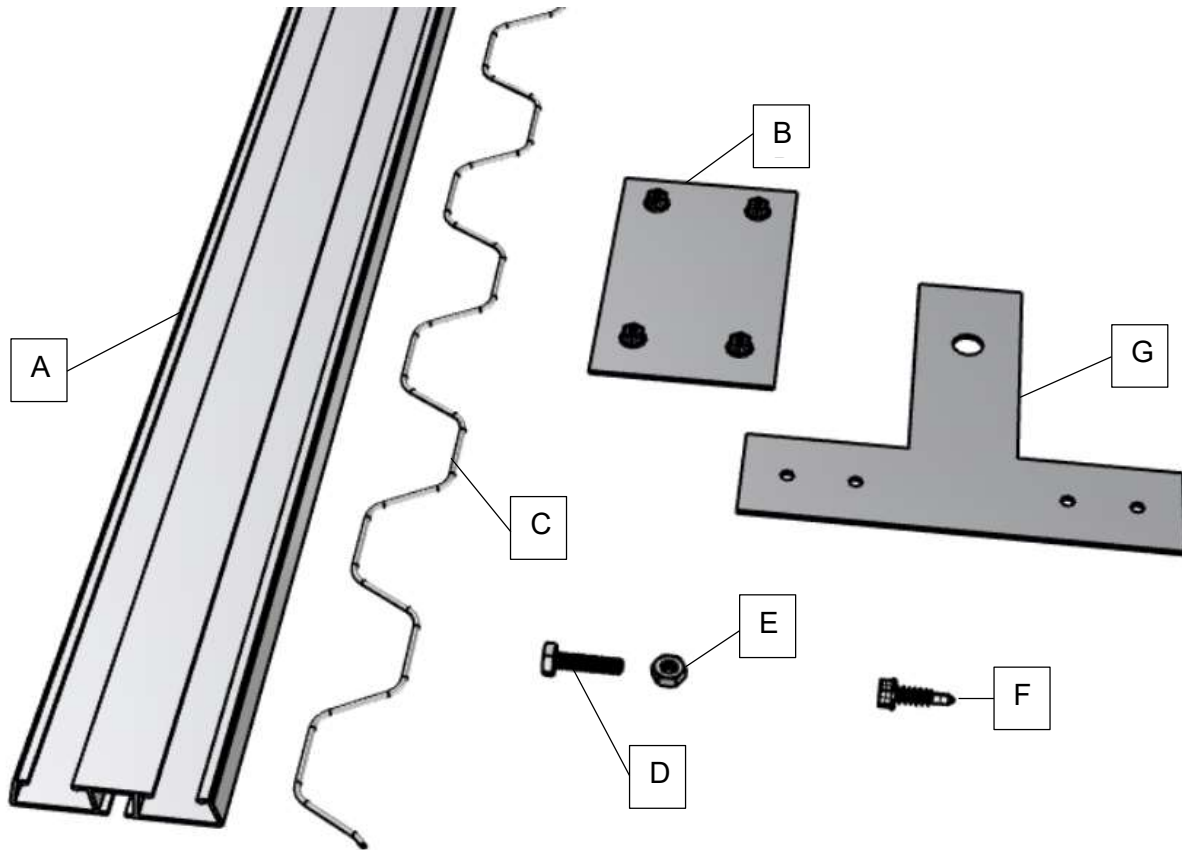
Part	Description	Part Number
A	12' WIRE LOCK BASE	ADWL12+LAB
B	4' ZIGZAG WIRE	ADZZW4X20+LAB
C	#12 X 1 1/2" WOODMATE SCREW	FC31127+LH
D	#12 X 1" TEK SCREW	FC31818+LH

ILLUSTRATED PARTS LIST ROLL-UP SIDES



Part	Description	Part Number
A	12' ROLL-UP CURTAIN CAP	ADRBC12+LAB
B	ROLL-UP CURTAIN POLYESTER ROPE (125')	ADRP1/4"X125+LH
C	ROPE HOOK	ADSNAP+LH
D	5/16" HEX NUT	FC163104+LH
E	#12 X 3/4" TEK SCREW	FC31817+LH
F	5/16" FLAT WASHER	FC33006+LH
G	5/16" X 3 1/2" EYE BOLT	FC42226+LH
H	2-HOLE PIPE STRAP	FC44614+LH
I	SWEDGED TUBE 12'3"	RGSSPSW12'3"+LSB

ILLUSTRATED PARTS LIST DOUBLE WIRE LOCK



Part	Description	Part Number
A	12' DOUBLE WIRE LOCK BASE	ADDWL12+LAB
B	SPLICE	ADDWLSPL+LH
C	4' ZIGZAG WIRE	ADZZW4X20+LAB
D	1/4" X 1" HEX HEAD BOLT	FC110120304+LH
E	1/4" HEX NUT	FC1136102+LH
F	#12 X 3/4" TEK SCREW	FC31817+LH
G	T PLATE	H66T+LH

STEP 1 INSTALLING DOUBLE WIRE LOCK

Parts Needed for STEP 1

12' Double Wire lock Base T-Plate

Splice Plate

4' Zigzag Wire

1/4" X 1" Hex Head

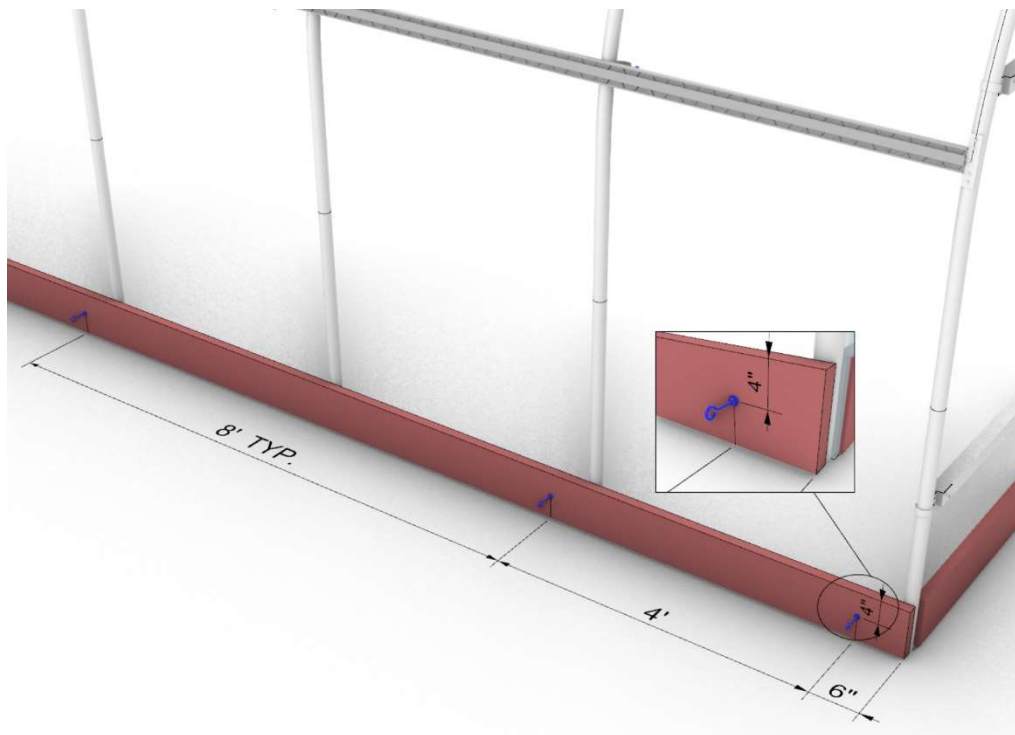
Bolt

1/4" Hex Nut

#12 X 3/4" Tek Screw

T-Plate

Sharpie



1.0 Mark your end bows with a sharpie 30" above the top of the ground post. This will be the location of the bottom of your double wire lock.

1.1 Attach the T-plate with 4 TEK screws to the end bows in the four corners.

See FIGURE 1.1

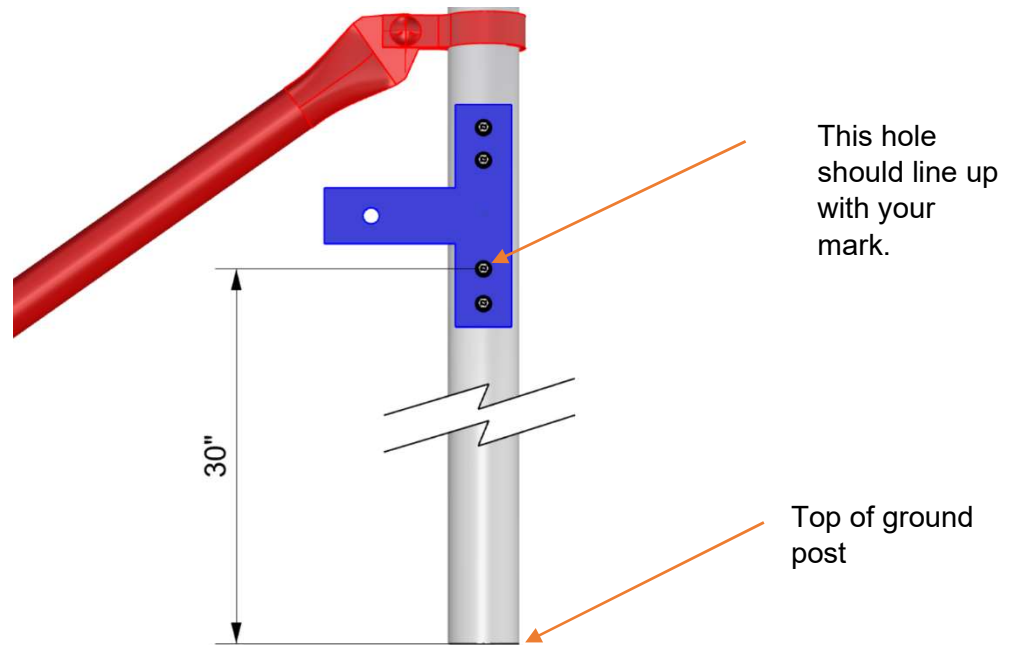


FIGURE 1.1

1.2 Use a 12' section of double wire lock, cut it into two halves, each 6' long. These will be your starter pieces on both sides.

1.3 Attach your double wire lock to the T-plate with one hex head bolt and nut. You will need to slide the ¼" hex head bolts into the grooves on the back of the double wire lock. SEE FIGURE 1.3

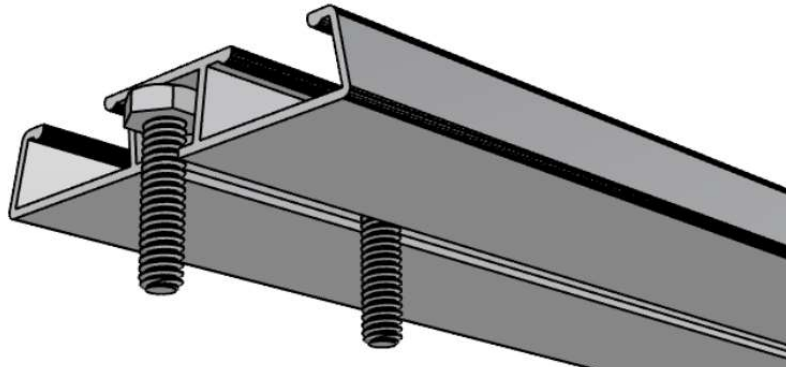
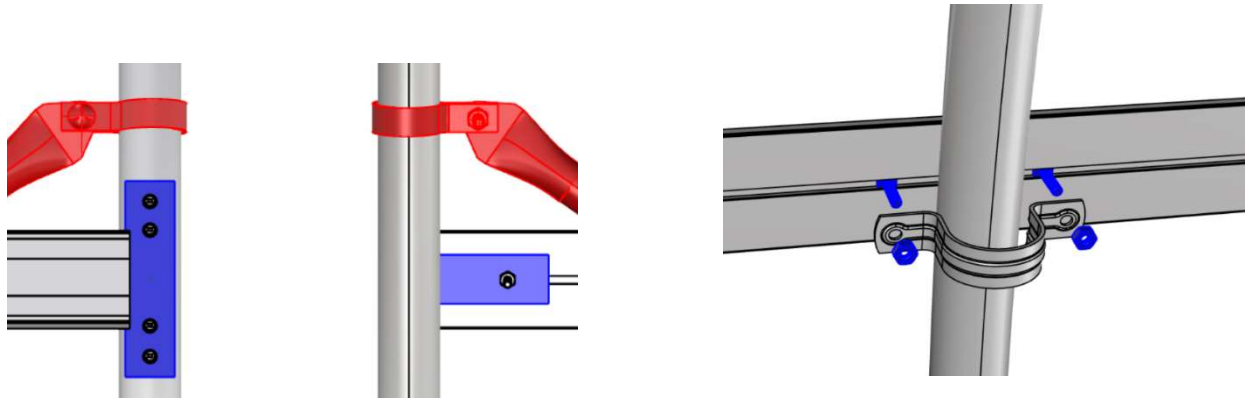


FIGURE 1.3

1.4 Attach your double wire lock to the T-Plate with a bolt and a nut. SEE FIGURE 1.4 On the first bow, and the remaining bows, you will attach the double wire lock to the two-hole pipe straps with bolts and nuts. *The double wire lock will not cover the screws on the T-plate because later in the process, you will be attaching single wire lock to the end bows.*

FIGURE 1.4



1.5 Attach the other 12' sections of double wire lock using the splices shown with 4 TEK screws. SEE FIGURE 1.5

1.6 When you get to the other end, you will have to measure to cut the final piece to the approximate length.

1.7 Install (2) $\frac{3}{4}$ " TEK screws through the double wire lock on every bow. SEE FIGURE 1.7

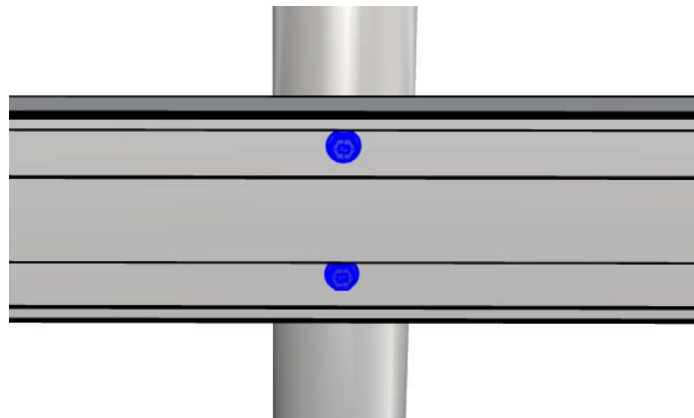
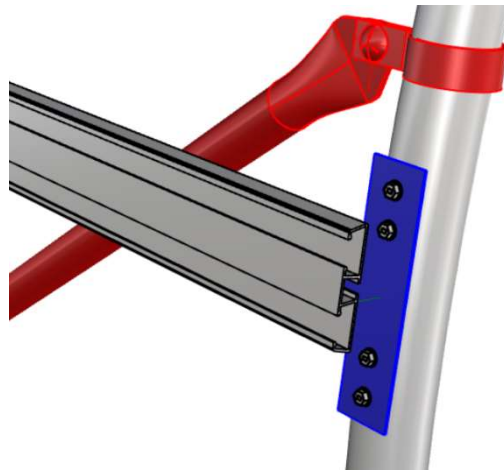


FIGURE 1.7

STEP 2 INSTALLING ROLL-UP SIDES

Parts Needed for Step 2

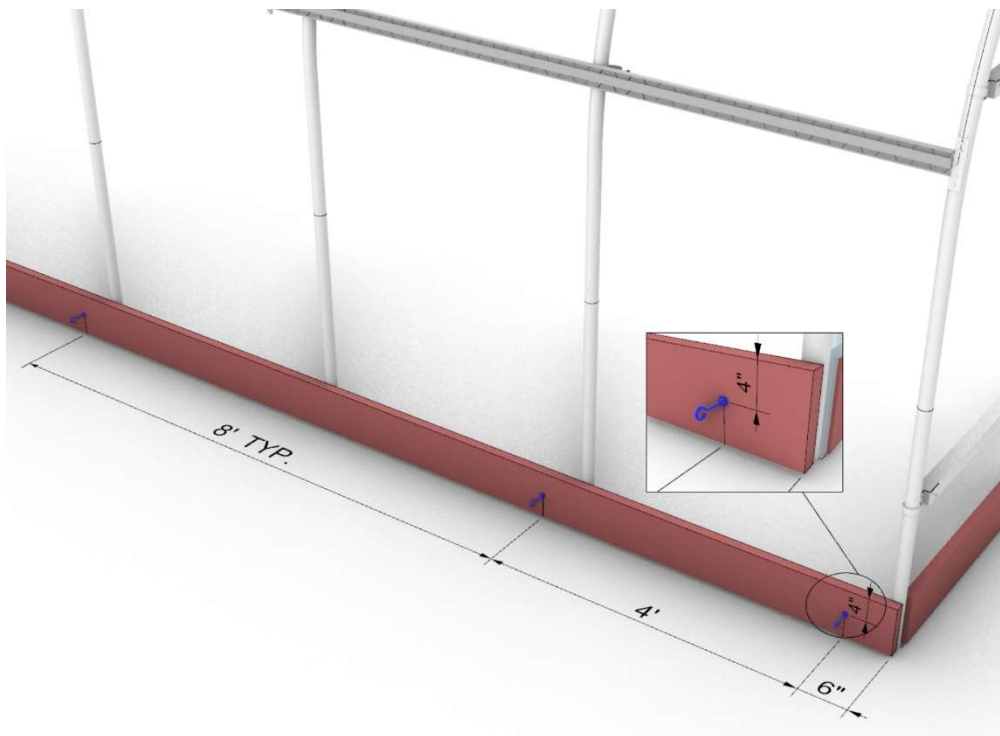
12' Roll Up Curtain Cap
 Rollup Curtain Polyester Rope
 Rope Hook
 5/16" Hex Nut
 #12 X 3/4" Tek Screw

5/16" Flat Washer
 5/16" X 3 1/2" Eye Bolt
 2-Hole Pipe Strap
 Swedged Tube 12'3

(BEFORE & AFTER YOU INSTALL YOUR POLY)

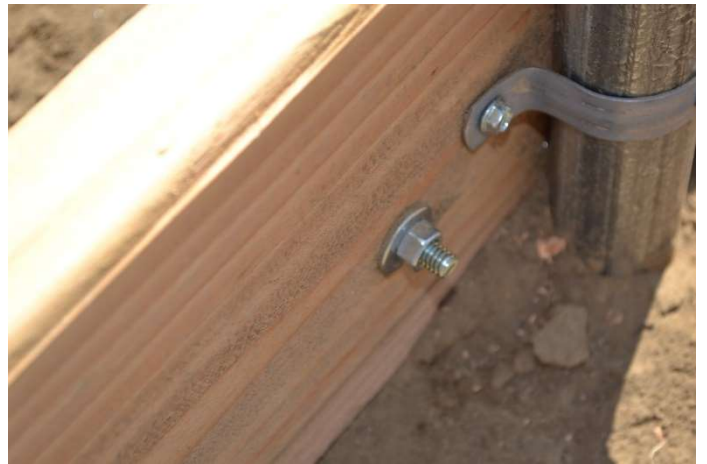
Roof poly installation (STEP 3) directions are included with these instructions. Read through all instructions before starting, so that you understand the flow of the processes of assembling the roll-up side and installing the poly on the roof.

Prior to installing the poly on the roof, there are a few things that will be done for the installation of your roll-up sides.



2.0 Install eyebolts in your baseboard as per FIGURE 2.0. Eyebolts are installed with a nut and washer on both sides of the baseboard. The eye should be vertical as shown in the below diagram, not flat so that it can keep the roller bar in place later in the installation process.

FIGURE 2.0



2.1 Install eyebolts, lay the 12' 3" pieces of swedged tubing on the eyebolts.

- If you have purchased the gear box option, the end of the pipe should be 1" past the end of the greenhouse.
- If you have purchased the T-handle kit, the end of the pipe should be 8" past the end of the greenhouse, and you will need to add one short 12" piece of tubing at the opposite end of the greenhouse for the proper total length. Attach the tubes together by inserting the swedged ends into non-swedged ends, but do not TEK screw them at this time.



FIGURE 2.1 GEAR BOX OPTION
tubing 1" past the end

FIGURE 2.1-HANDLE KIT
tubing 8" past the end



STEP 3 INSTALLING ROOF POLY TO COMPLETE YOUR ROLL-UP SIDES INSTALLATION:

Parts Needed for STEP 3

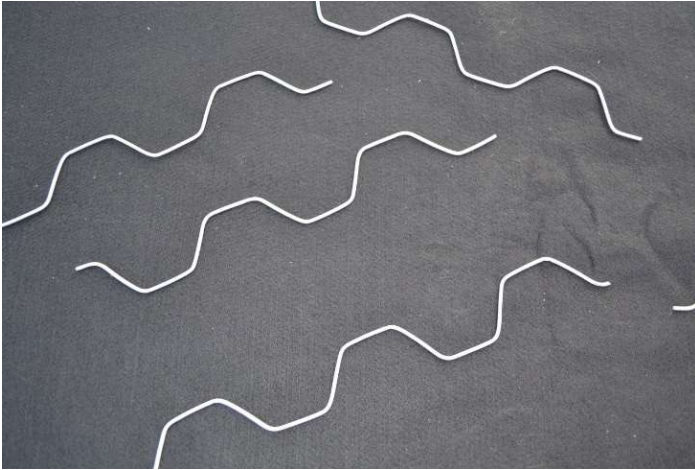
Wind panel kit
Wire lock
Zig Zag Wire
Tall Ladder

Polyester Rope
Tennis Ball
Poly

If you have wind panel kits, attach to the four corners using wirelock. **This is an option sold separately.** Install, by attaching single wire lock as shown, and then attach woven poly with zig zag wire.



3.0 Installing the poly is best done early in the morning when there is little or no wind. You need three or more people to do this, and you should have a tall ladder at each end of the greenhouse.



Tip-Take four pieces of the zig zag wires and cut them into 12” pieces. These little pieces can temporarily secure your poly before your finish installation of the plastic.

Tip-Install your blower and blower bracket as per the manufacturer’s directions if you will have two layers of poly. The blower should be installed about halfway up the curve of the bow.



3.1 Make sure you have about a 10' wide space next to your greenhouse to roll out the poly which is 8' wide when it is folded. Then, attach ropes (the polyester rope used for roll-up sides can be used) to one edge of the plastic so that you can pull the poly over the greenhouse. Use two ropes for a 48' house, three for a 72' house, and four for a 96' house. Tying the poly around a tennis ball works well.



3.2a *If you have IR/AC poly, there is an inside and outside of the film, and it will be labeled on the poly which side must be facing inside the greenhouse.* Next, pull the poly over the greenhouse slowly with people on the ropes and people on the ends so that it evenly pulls over the structure. After the poly is pulled over the greenhouse, make sure the poly is straight.

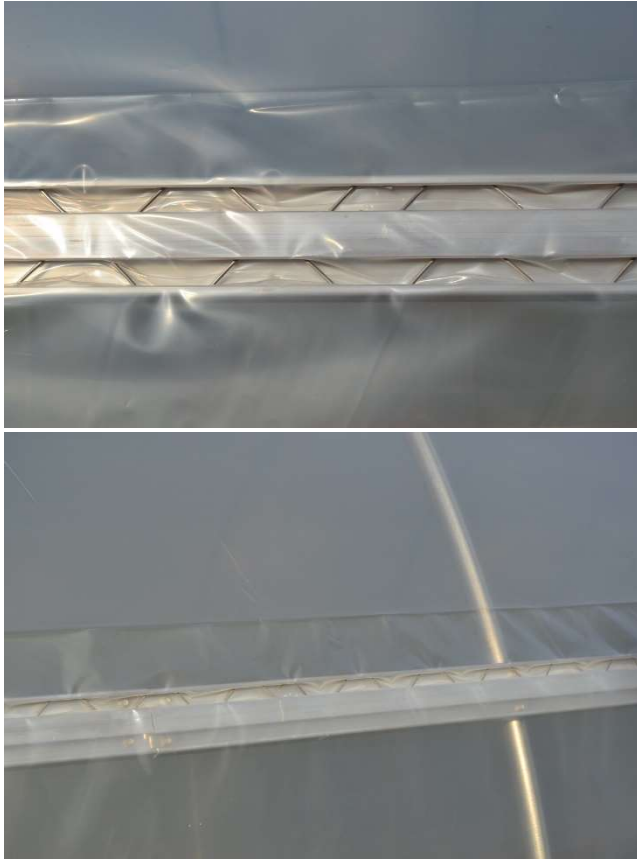


3.2b If you have only a single layer of poly, you can begin by installing the wires on one end, and then the other end. If you have two layers of poly, use some of the short pieces on each end to hold the first layer of poly into the wire lock channels. The wire lock channels can hold two layers of wires, so the short pieces will not have to be removed later. If you have two layers of poly, add your white deflector at this time to the blower.

Tip-Do not pull your poly tight if you have two layers. The inflation fan will need the space in between the poly for proper inflation.

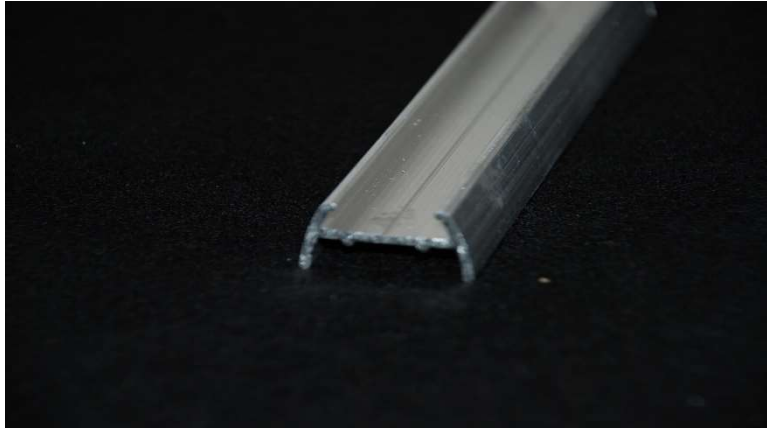


3.3 When you are done with either your single or double layer of poly, next add wires to the double wire lock. Start in the middle and work your way out towards the ends of the greenhouse.



3.4 When you are done with putting the poly on your greenhouse, trim the excess plastic off the ends first.

3.5 Now, you will attach the plastic to the roll-up sides bar which are the swedged tubes that are resting on the eye bolts. You will use the roll-up curtain cap pictured with 3/4" TEK screws spaced every 12" apart. **Note**-where the swedged tubes connect, you will use two TEK screws for the proper splicing of the tubes.



The two screws are where the tubes connect with the swaged connection.

After the roll-up curtain cap is installed, trim off the excess poly



Next, you will install rope hooks into the double wire lock as per the diagram shown earlier, then run rope through your eye bolts and onto the rope hooks in a “W” pattern until you get to the other end. Both ends will be tied off to hold the roll-up sides in place.



After rope hooks are installed, secure them with a TEK screw, not shown in this photo.





STEP 4 INSTALLING GEAR BOX KITS (OPTION #1)

Parts Needed for STEP 4

Gear Box Kit

Follow manufacturer's installation instructions to assemble gear box kit. Below are photos of the installed kit.





STEP 5 INSTALLING T-HANDLE KITS (OPTION #2)

Parts Needed for STEP 5

T-Handle kit

The parts that you will use for the kit are shown below. Take a 12" long tube and connect it to the end of the roller bar with the 4-bolt clamp. When you roll up the sides, you will use the 6 ft. long tube as a prop bar into the ground to hold up the sides.

See photos



LIMITED WARRANTY

Rimol Greenhouse Systems, LLC. (RGS) warrants to only the original purchaser (“Buyer”) that the greenhouse frame(s) manufactured by RGS will be free of defects in materials and workmanship for a period of five (5) years. This limited warranty shall not be effective unless the Buyer’s greenhouse is installed on level ground and there are no other objects or structures within ten (10) feet of the greenhouse, and the Buyer hereby waives any claims under this warranty in the event these two conditions are not satisfied.

This warranty covers all defects in material and workmanship, EXCEPT:

1. Damage resulting from accident, misuse, abuse, neglect or from other than normal and ordinary use of the frame(s).
2. Damage resulting from failure to use the product in accordance with RGS specifications and instructions.
3. Damage resulting from repair or attempted repair by anyone other than RGS or an authorized repair contractor or facility.
4. Damage resulting from the use or installation of any other equipment or products used in the greenhouse.

This warranty applies only to the products being supplied by RGS and physically attached to the RGS products at the RGS factory. Defects in equipment installed with any RGS product, or defects in the installation of the RGS product, whether or not sold by RGS, are warranted, if at all, by the installers or manufacturers of such equipment, and are not covered by this warranty.

RGS makes no warranties other than those stated above and specifically does not warrant that any of the RGS frames, parts or products are of a merchantable equality or that they can be used for any particular purpose by the buyer.

RGS shall have the right to inspect any parts before taking corrective measures under this warranty.

RGS shall be notified of any warranty claim within 48 hours of damage. Proof of purchase must be furnished with any claim.

LIMITATION OF LIABILITY

In no event will RGS be liable for incidental, consequential, special or indirect damages, lost business profits, regardless of the form of action, whether in contract, tort (including negligence), breach of contract, breach of warranty or otherwise, even if RGS has been advised as to the possibility of same. Buyer's sole and exclusive remedy is repair or replacement, at RGS's option, of any defective parts or workmanship. In the event this exclusive remedy fails of its essential purpose, Buyer's exclusive remedy shall be refund of the defective part.

JURISDICTION

Any disputes arising between RGS and Buyer shall be governed by New Hampshire law without regard to conflicts of law principles. Buyer hereby submits, and waives any objection, to the exclusive personal and subject matter jurisdiction by New Hampshire courts and submits, and waives any objection, to New Hampshire as the proper venue for any disputes.