

Solar Drying Systems

Tel: 1-800-866-6082, Fax 1- 705-725-9151, www.solardryingsystems.com

WRIGHT ALUMINUM LIMITED
SPECIALISTS IN ALUMINUM/ ZINC CASTING AND METAL FABRICATION

INSTALLING A CLOTHESLINE ELEVATOR

Congratulations!

Thank you for reducing your carbon footprint in order to save our Planet

1. Choose two adjacent points that will provide enough space to hang your clothes. Try to pick a spot that is relatively flat and open.
2. Tools Needed – A hammer, Pencil, Drill, Socket, Wire cutters, Punch.



3.

<u>Equipment Needed for Mounting into Wood</u>	<u>Equipment Needed for Mounting into Brick or Concrete</u>
<ul style="list-style-type: none"> • 1 only ¼” Bit 	<ul style="list-style-type: none"> • 1 only ½ ” Carbide Bit
<ul style="list-style-type: none"> • 4 only 5/16” x 2” lag bolts 	<ul style="list-style-type: none"> • 4 only ¼” x 1 ½ ” lag shields
<ul style="list-style-type: none"> • 4 only washers 	<ul style="list-style-type: none"> • 4 only ¼” x 2” lag bolts
	<ul style="list-style-type: none"> • 4 only washers

4. Depending on how you would like the elevator to operate, choose either a comfortable position to hang your clothes or the highest point you can reach. (Elevator should be mounted according to the reach of the user). The top of the elevator has the wheel inside the bracket. Hold elevator against the wall or post and mark the bottom mounting points with a pencil only. The elevator should be square, flat, level and centre to opposite mounting point.

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Use these pictures as a guide.

5. Now that you have marked the bottom part of the elevator, using a punch or nail make a hole at the pencil marks then drill the $\frac{1}{4}$ " inch holes.
6. Return the elevator to mounting holes.
7. Line up holes and use the two $5/16$ " x 2" lag bolts with washers.
8. Keeping your hand on the elevator at all times tighten lag bolts until snug.



Use these pictures as a guide.

9. Hold the elevator against the mounting post and using a ladder proceed carefully to the top of the elevator. Mark and drill the two mounting holes with $\frac{1}{4}$ inch drill bit. Secure the top of the elevator with the two remaining lag bolts and washers.

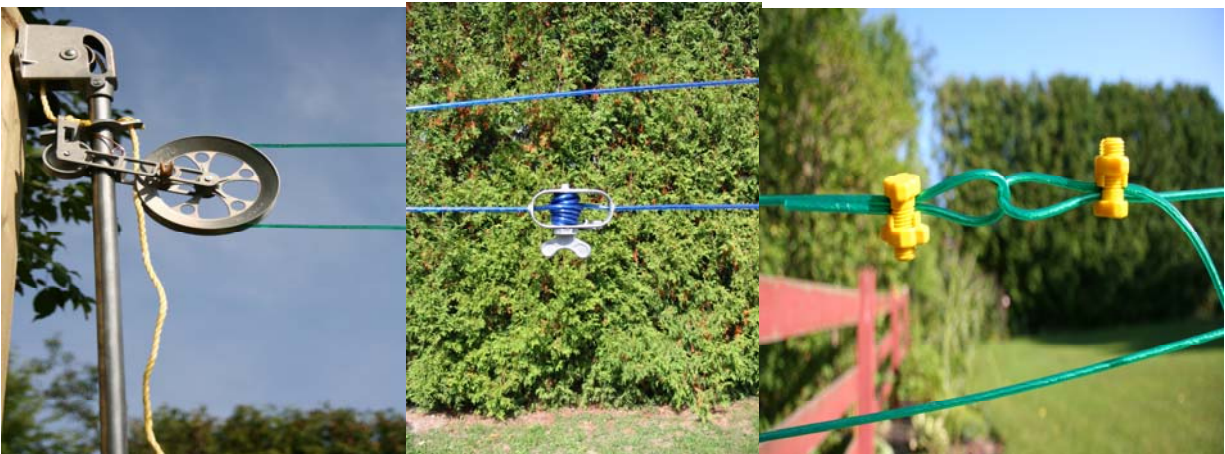
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10. When mounting the opposing pulley make sure it is approximately two feet higher than the top of the elevator. This will reduce the amount of sag.
11. Screw in holding hook until secure. You can use just the hook with your Solar Drying Pulley or attach it to a Solar Dryer Turnbuckle which will allow you to tighten the line when it starts to sag. (Sag will occur naturally as the line stretches with the extra weight of the clothes).
12. Attach a piece of single strand wire through the lower eye hole to the post below the pulley. This will prevent the pulley from twisting.
13. After installing the clothesline wire, tighten the line with pulley on the elevator in the top position (highest). This will insure the line is tight when the clothes are loaded and pulled to the top position.



Use these pictures as a guide

14. Connect the clothesline wire with a Solardrying Yellow Joiner, Mini Winch, or Joiner Tightener.

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15. Before lowering the elevator pulley, partially unscrew the set screw on the adjustable bottom bracket so that the pipe bracket will slide out of the wall bracket.



Use these pictures as a guide.

16. Lower pulley to bottom of the elevator, adjust pipe bracket and retighten the set screw. This allows the clothesline elevator pulley to move up and down keeping the tension on the clothesline in both positions.

17. The Solardrying Divider will hold the 2 lines together allowing the upper line to help support the weight on the lower line. The Solardrying Divider is placed on the clothesline after ½ the wash is hung. (More than one divider may be necessary depending on the length of the line or the weight of the clothes).

18. Insert clothes pin into locking hole to stop the line from moving once clothes are hanging.



Enjoy Your Solar Drying Elevator!!!!!!

Tips:

Hanging your clothes neatly will increase the speed of drying and reduce wrinkles.

Once clothesline, is loaded elevator should be locked in the top position.

Use a damp cloth to clean clothesline (every time you use it).

Caution is required to use a ladder to install.

The Wright Aluminum Clothesline Elevator is intended for outdoor use only.

Use your clothesline for clothes drying purposes only.