

## 3m Patio Dome Setup Instructions

A patio dome can easily be set up with simple tools.

1. Sort your struts – see list on the diagram page and familiarize yourself with the diagram. All Diagonal struts marked in RED are strut F, they form a double helix that spirals to the top of the dome. Each layer is made up of horizontal struts of a certain length, that give the helix it's shape. There are a number of pieces making up the door shape.



2. Lay out the first layer of struts – 10 pieces of strut C – and attach them together with bolts.
3. Form triangles of strut F pointing from each hub (except for where the door will go)





4. Attach 8 pieces of strut D horizontally between the tips of the triangles.



5. Attach 2 pieces of strut F to each hub, again forming triangles





6. Work your way up layer by layer.





7. Once most of the shape is completed, attach the pieces around the door opening as per the diagram.
8. Attach the 10 center top pieces A1 to the ring piece with the compression fittings without tightening them too much. Then attach each A1 strut to the hubs below. Tighten the compression fittings once all are in place.





9. Temporarily tension the door frame together with some ratchet straps while going around and tightening all the nuts on the dome.



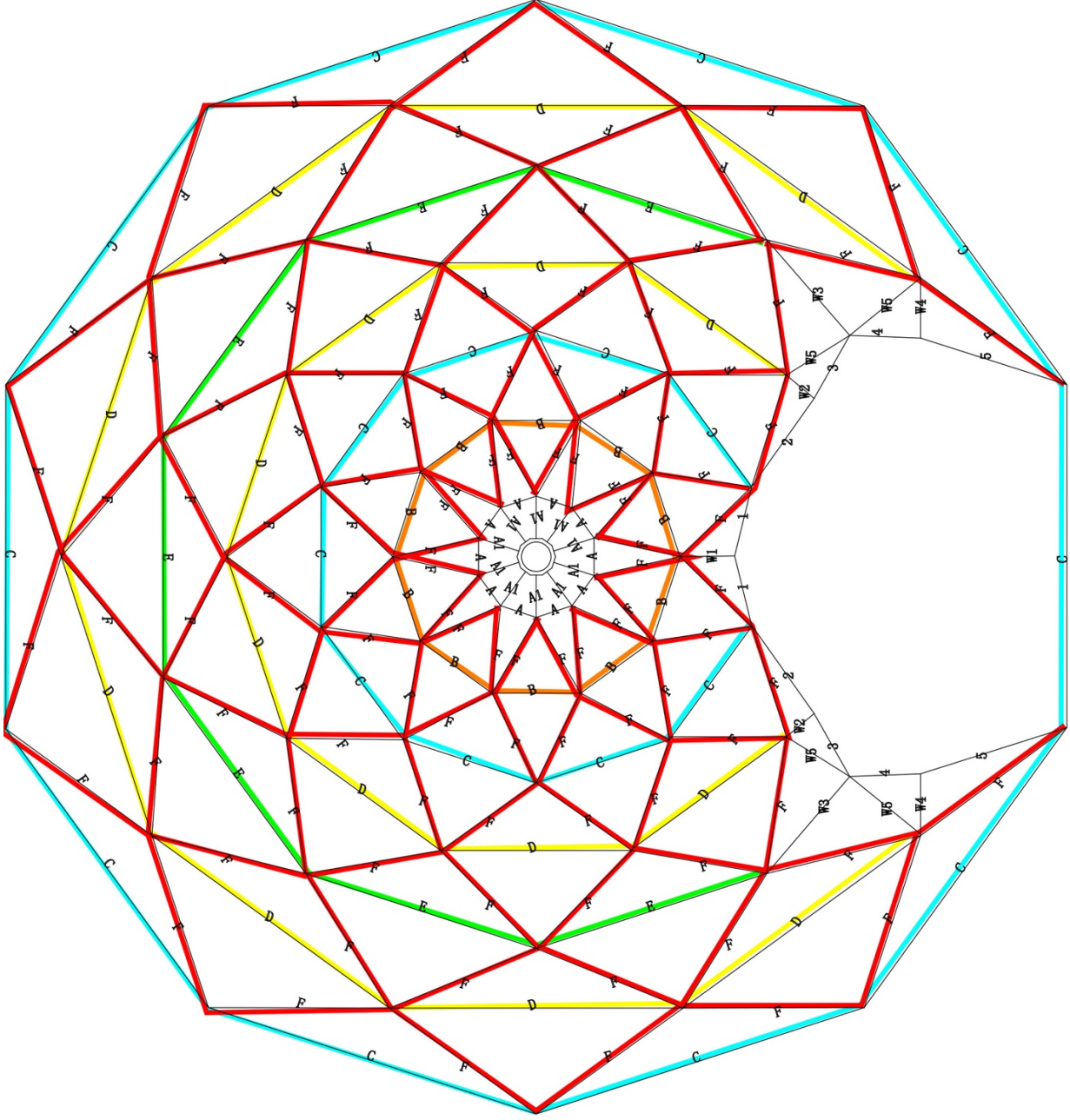


10. Lay the cover out and pull it over top of the dome from back to front, making sure to center the top point.
11. Insert the tensioning bars into the sleeves at the bottom of the cover and hook the J-Bolts around the bottom struts. The cover may be stiff and wrinkly from being in the package, especially in cold weather – you can use ratchet straps to pull the tensioning bars down until all J-Bolts can hook and attach all nuts.
12. Pull towards the door from both sides with some hands and possibly ratchet straps to get the cover over the door opening.
13. Then tension the cover by tightening the nuts on the J-Bolts with a ratchet or socket on an impact driver.
14. Attach the zipper door with zip ties or cording, making sure there is no tension on the zipper.



Enjoy!

3m



NO.	QTY	NO.	QTY
A1	10	W1	1
A	10	W2	2
B	10	W3	2
C	19	W4	2
D	16	W5	4
E	7	2	2
F	108	3	2
1	2	4	2
Tensioning Bars	9	5	2