

Tent Instructions

13 x 16



ELK MOUNTAIN TENTS



Packing List:

1. Tent
2. Ropes (tied to tent)
3. Ten Stakes (in tent bag)
4. Twenty Angles (8 floors, 6 end truss(white cap) 6 center truss)

Set Up:

1. Clear a flat area.
2. Lay a ground tarp (optional, but helps keep the area clean)
3. Unclip wire rope from ridge angle pieces
4. Assemble rafter system
5. Clip wire rope back to ridge angle pieces
6. Install legs on one side (this keeps frame low enough to install canvas)
7. Put canvas onto frame system (zipper and corners should be open)
8. Adjust canvas on frame and attached ties to ridge pole from inside tent.
9. Install legs on other side
10. Install poles along floor (optional)
11. Velcro and tie all corners
12. Fasten all other ties to frame
13. Tuck ground cloth under floor poles or side poles or secure down with other material on the outside.
14. Stake, and tighten ropes (make sure there is not too much tension on zipper) – Always stake tent down.

Materials Needed:

To complete your frame you will need ¾" EMT (electrical) conduit that has an outside dimension of .922". EMT can be purchased at most hardware stores for about \$3.50 for a 10 foot section. Floor pieces (front & back poles and 6 Common Poles) are not necessary but help keep legs square.

Name	QTY	Length	mm
Rafter	8	7'-5"	2255
Floor (front & back)	4	6'-5 1/2"	1970
Floor Splice *	2	2'	610
Common Pole	15	5'-4 1/2"	1640
Leg	8	4'-9"	1450

*Pipe size should be 1" conduit. Drill hole in one side of splice piece and through one of the floor poles. Bolt can be placed through hole.

How Many Poles to Buy:

If you would like to minimize wasted material and cut costs on the frame we suggested using the remaining 4' - 7 ½" pole scraps from the Common Poles for your legs. This will reduce the wall height by about 2 inches. You can also use two of these 4'-7 ½" pieces as part of the floor that goes in the front and back. If you go this route you will need two 8' - 4" poles sections to complete the front and back floor section along with a splice piece. Building your complete frame in this manner will require twenty-five 10' sections.

Complete Frame:

8 Poles for Rafters

15 Poles for Common (lateral poles) – use the cut portion for Legs

2 Poles for Floor (front and back)

No Floor Poles:

8 Poles for Rafters

9 Poles for Common – use the cut portion for legs

5' Walls (If you do not want your walls 4'-10" by using the cut portion of the Common Poles)

4 Poles for Legs

Additional Frame Information:

Angle pieces have an inside diameter of 1" and ¾ EMT has outside diameter of .922". You may want to color code the ends of your poles with duct tape. This will help with assembly and reduce the extra space between the poles and the angle pieces.

If you purchased pole clips (highly recommended). Drill ¼" hole 1-3/4" from the end of your common poles. Make sure holes on each end of the pole align with each other. Drill one side, install pole clip, and then clip it into an angle piece, will help align the hole location for the other side. A drill press and pipe level also works well. Do not install clips on leg poles.

Attention:

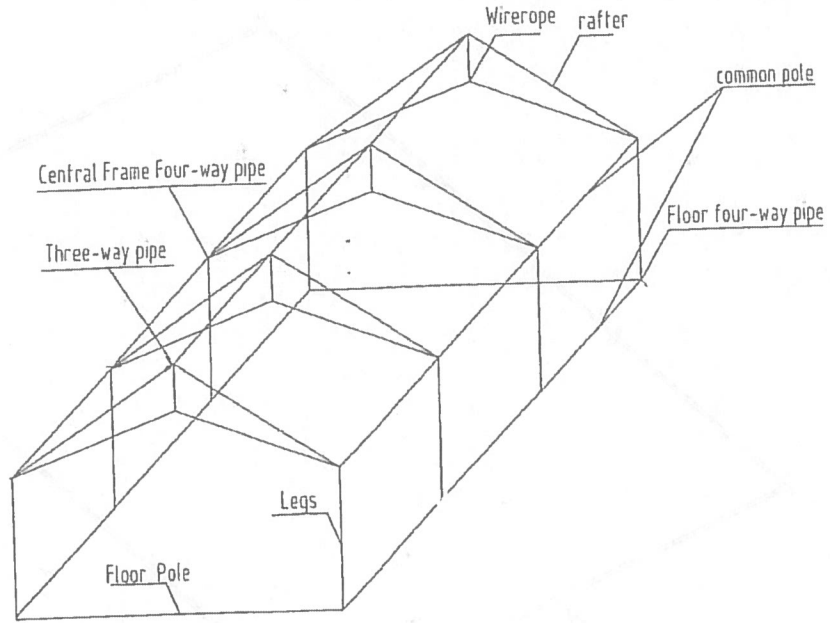
1. Do not drag the tent cloth when assembling and dismantling, in order to avoid damage to canvas.
2. When winter camping clear off snow build up. Frames are not designed to handle snow loads.
3. Only use a wood stove per the manufactures recommendation. Always have a spark arrestor. Sparks will burn a hole in any tent canvas.
4. Clean and dry tent before storing.

Stove Jack:

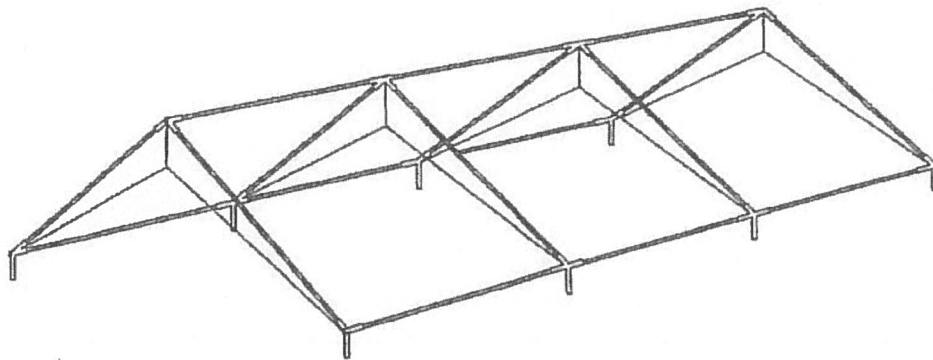
Cut stove jack hole to desired size.

www.elkmountaintents.com

Frame Image



Rafter System



Floor System

