



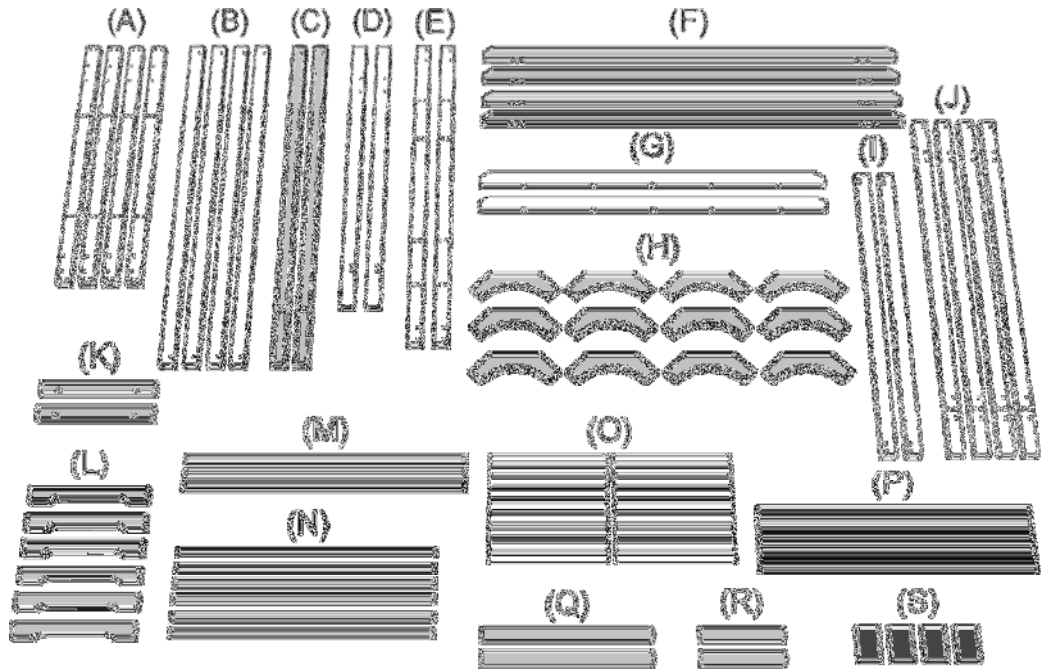
Cedar Pergola

PO72

Required Tools: #2 Philips or Robertson screwdriver, tape measure, pencil, hammer or optional air stapler/nail gun.

Package Contents:

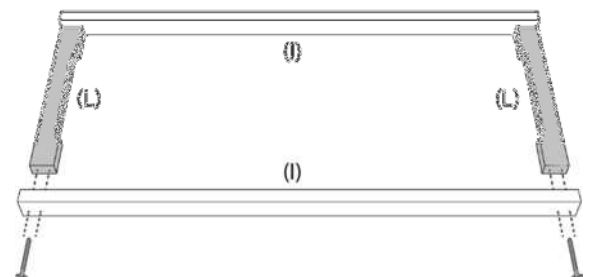
- (A) Side Plate...4
- (B) Side Stud...4
- (C) Long Back Stud...2
- (D) Short Back Stud...2
- (E) Back Plate...2
- (F) Rafters...4
- (G) Swing Support...2
- (H) Corner Brace...12
- (I) Lattice Posts [I]...2
- (J) Lattice Posts [J]...4
- (K) X-Beam...2
- (L) Scallop Brace...6
- (M) Long Lath...3
- (N) Medium Lath...6
- (O) Short Lath...18
- (P) Furring Strip...12
- (Q) Long Fascia Trim...2
- (R) Short Fascia Trim...2
- (S) Spacer Blocks...4



- 2-½ Inch (short) Screws ...140
- 4-Inch (long) Screws...24
- ¾-Inch (short) Nails...108
- 1-¼ Inch (long) Nails...112
- J-Bolts...2
- Washers...2
- Hex Nuts...2

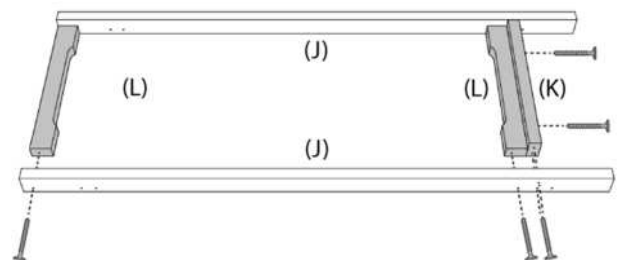
STEP 1. Build Rear Lattice Frame

- Place 2 Lattice Posts (I) on narrow edge, parallel to each other with screw holes closest to ground.
- Place 2 Scallop Braces (L) between the lattice posts, curved edges facing each other.
- Flush edges of scallop braces with post ends, attach with short screws.



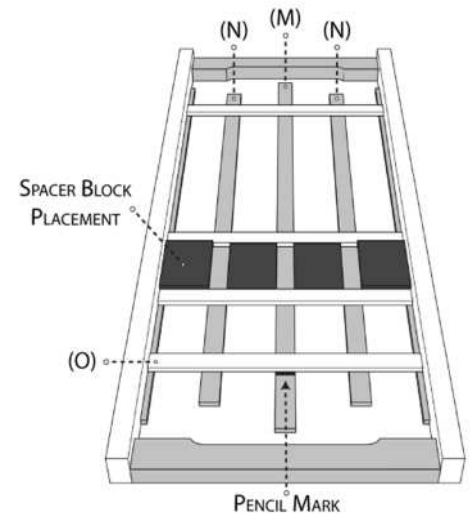
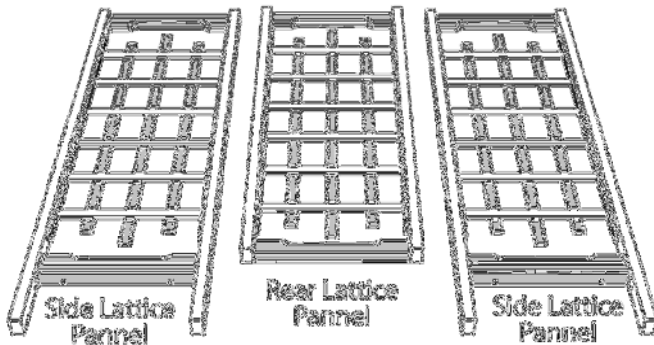
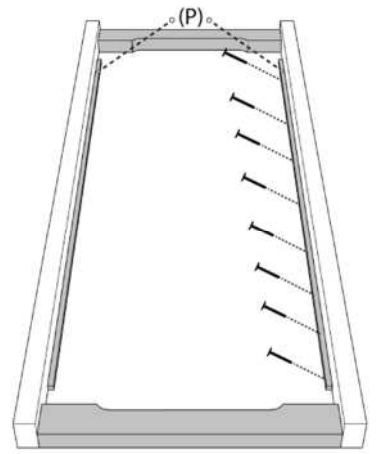
STEP 2. Build Side Lattice Frames

- Place 2 Lattice Posts (J) on narrow edge, parallel to each other.
- Place X-Beam (K) between twin-holes on lattice posts with x-beam holes closest bottom edge, attach to lattice posts with short screws.
- Set Scallop Brace (L) along inside edge of x-beam and attach to both post and X-Beam with short screws.



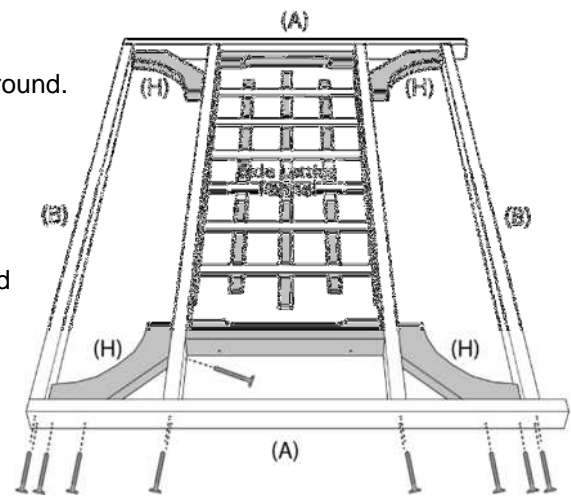
STEP 3. Assemble Lattice Panels (x3)

- Set Rear Lattice Frame on flat surface, with scallop brace face down.
- Center Furring Strips (P) between scallop braces along inside edge of Lattice Frame. Attach with long nails, 8 per strip.
- Use short length of Spacer Blocks (R) to evenly space Long Lath (M) between 2 pieces of Medium Lath (N).
- Make a pencil mark 5-1/2 inches from ends of the center lath.
- At pencil mark set Short Lath (O) across long and medium lath and attach with short nails, 2 per intersection.
- Use long length of spacer block to evenly space 4 more short lath and attach with 2 nails each.
- Nail 2 more furring strips to inside edges of the lattice frames. Compress the lattice panel between furring strips while nailing. Use 8 long nails per strip.
- Repeat this process to assemble two Side Lattice Panels.

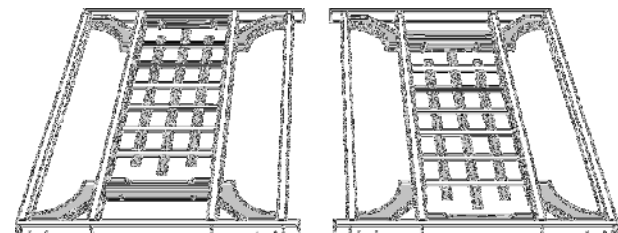


STEP 4. Build Side Assembly (x2)

- Place a Side Stud (B) between 2 Side Plates (A), screw holes nearest to ground.
- Make corners square and attach with short screws.
- Set a Side Panel between side plates with long lath face down.
- Line up Corner Braces (H) with pre-drilled holes in side plate and frame and attach with short screws.
- Position Side Stud (B) next to open end of corner brace, attach with short screws.
- Note: The overhanging lip on end is required for final assembly.

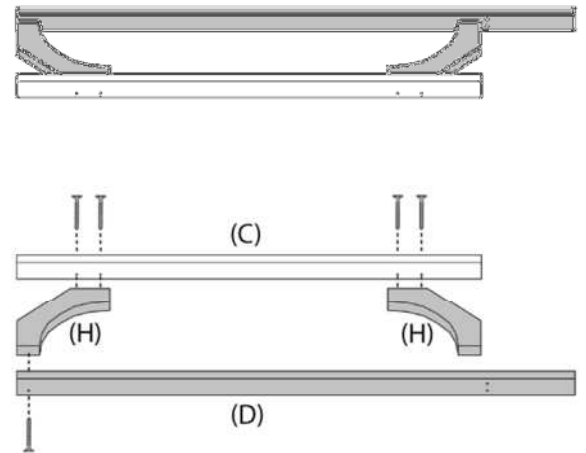


- Build a 2nd Side Assembly as a mirror image to the first - with long lath face up.



STEP 5. Assemble Back Frames

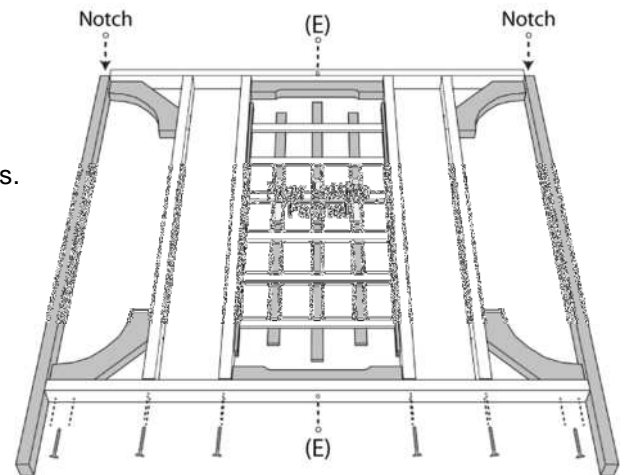
- Set corner braces between Short Back Studs (C) and Long Back Studs (D).
- Align braces with pre-drilled holes on back studs and attach with short screws (bottom holes on long back stud will not be used this step)
- Build a 2nd frame section as a mirror image to the first.



STEP 6. Build Back Assembly

- Place Rear Lattice panel between Back Frames, long back studs to the outside.
- Set Back Plates (E) against ends of lattice panel and short back studs.
- Flush ends of back plates with outer edges of corner braces, attach back plate to back frame and rear lattice panel with short screws.

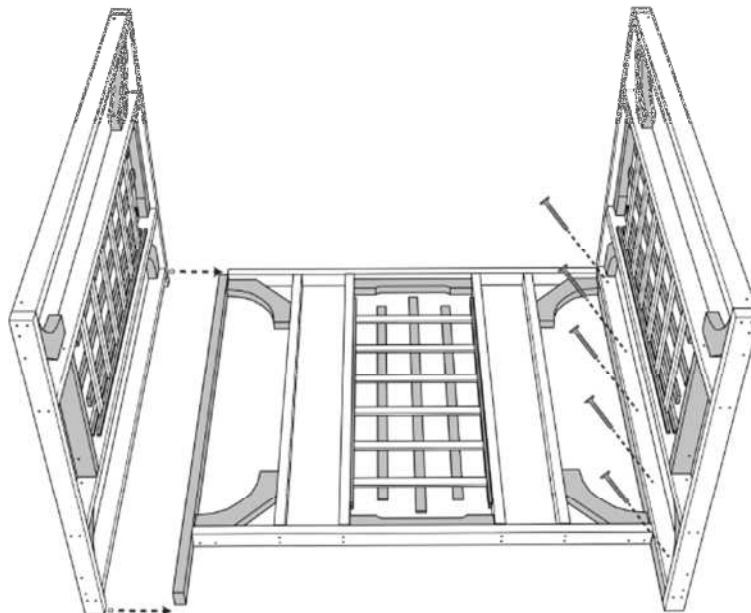
Note: The Back Plates are shorter than the overall length of the Back Assembly. When centered properly there will be a notch on both ends.



STEP 7. Assemble Pergola Frame

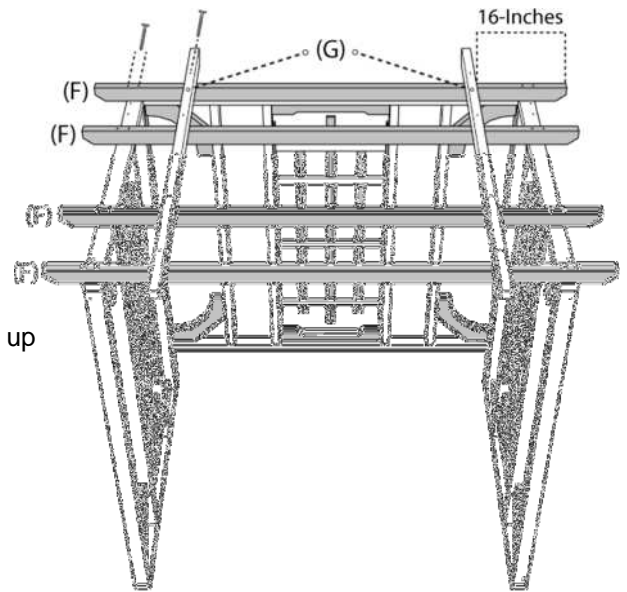
- Set open ends of Side Assemblies onto sides of the Back Assembly.
- Ensure Back and Rear Assembly studs are tight together, attach with short screws, 5x at 10-inch intervals per side.

Note: There are no pre-drilled holes for this step; screws are driven directly into the back stud.



STEP 8. Attach Rafters

- Square Pergola Frame by making the rear outside width of the pergola the same as the front outside width.
- Position Rafters (F) directly across side studs, attach with long screws.
- Set Swing Supports (G) across rafters, 16-inches in from ends. Line up screw holes with rafters, attach with long screws.



STEP 9. Attach Fascia Trim

- Attach Long Fascia Trim (Q) to bottom end of long side stud, with 4 short nails.
- Attach Short Fascia Trim (R) to top end of long side stud, with 4 short nails.
- Your Cedar Pergola now ready for use.

Note: If mounting a swing insert J-Bolts through bolt holes in swing supports and fasten with washer and nuts.

