

## Installation Planning Guide

This guide helps you prepare for cupola installation. Every Lindentops cupola ships fully assembled and ready to mount. Most installations take 2-4 hours with basic tools.

### Timeline Overview

<b>3-4</b> Weeks Standard Build	<b>7-10</b> Days Rush Build (+\$100)	<b>2-4</b> Hours Installation Time
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### Before Installation: Roof Opening

The roof opening should be cut **4-6 inches smaller** than the cupola base on each side. This ensures proper coverage and allows for flashing installation.

Cupola Size	Base	Cut Opening
24"	24" x 24"	16" x 16" to 20" x 20"
30"	30" x 30"	22" x 22" to 26" x 26"
36"	36" x 36"	28" x 28" to 32" x 32"
42"	42" x 42"	34" x 34" to 38" x 38"
48"	48" x 48"	40" x 40" to 44" x 44"
60"	60" x 60"	52" x 52" to 56" x 56"
72"	72" x 72"	64" x 64" to 68" x 68"

### Structural Requirements

#### For Cupolas 42" and Smaller

Standard roof framing is typically sufficient. Ensure the opening is framed with headers on all four sides.

### For Cupolas 48" and Larger

We recommend doubling the rafters on either side of the opening. For 60" and 72" cupolas, consider adding collar ties or additional ridge support.

**Important:** Always consult a structural engineer if you have questions about your specific roof construction. Load requirements vary by building type and local codes.

## Installation Steps

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1. **Inspect shipment** — Check for damage immediately upon delivery. Report any issues within 48 hours.
2. **Cut roof opening** — Mark and cut the opening using the dimensions above. Frame all four sides.
3. **Install flashing** — Apply roof flashing around the opening before placing the cupola. Use quality roofing sealant.
4. **Position cupola** — Lift cupola onto roof (2-4 people for larger sizes). Center over opening.
5. **Secure base** — Fasten cupola base to roof framing using lag screws or structural screws. Minimum 4 fasteners per side.
6. **Seal perimeter** — Apply roofing sealant around the base perimeter. Check all joints.
7. **Install weathervane** (optional) — If ordered, install weathervane per included instructions.

## Tools & Materials Needed

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- Circular saw or reciprocating saw
- Drill/driver with appropriate bits
- Level (4-foot recommended)
- Tape measure
- Chalk line
- Lag screws or structural screws (3" minimum)
- Roofing sealant/caulk
- Step flashing or custom flashing
- Safety equipment: harness, hard hat, non-slip footwear

**Pro Tip:** If installing during new construction, have the framing crew frame the opening before sheathing. It's much easier than cutting through finished roofing.

## Lifting Weights by Size

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Size	Weight Range	Recommended Crew
24" - 36"	25-70 lbs	2 people
42" - 48"	70-120 lbs	2-3 people
60" - 72"	120-220 lbs	3-4 people or mechanical lift

## Need Help?

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Call us at **(931) 589-3658** Monday-Friday, 8am-5pm CT. We're happy to answer installation questions or help troubleshoot any issues.

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This guide is for planning purposes. Always follow local building codes. Rev. 2026-05