PVC Pool Float Storage Plan

Build a space-saving, wind-resistant vertical organizer for your patio.

Reclaim your deck with this sturdy, custom-sized PVC rack. Use these steps to plan your cuts and assemble a mildew-free home for your inflatables.



Design Specifications

1.5 in
Schedule 40 PVC pipe thickness

45 degrees
Sloped bottom rails for immediate drainage

36 in
Bungee wind guards for lightweight floats

Under 24 in
Max depth to save deck space

10 ft
Standard PVC pipe material length

2
Coats of exterior plastic spray paint

Dry-Fit Before Gluing

Assemble the frame dry and mark alignment lines with a marker. PVC cement sets in seconds, so never twist pipes after it grabs to protect the chemical bond.

Assembly Plan

1. **Cut & Dry-Fit** Cut pipes to your dimensions, dry-fit the joints, and tap fully with a rubber mallet.
2. **Mark Alignment Lines** Draw lines across dry-fit joints to ensure perfect realignment when making them permanent.
3. **Glue & Assemble** Apply primer and cement strategically. Do not glue the entire frame at once before checking dimensions.
4. **Weight & Cap** Fill bottom pipes with dry play sand for a weighted base, then cap horizontal pieces.
5. **Paint & Secure** Apply exterior spray paint to prevent UV yellowing, then stretch elastic cords across front uprights.

Storage Rack Styling Ideas

Find your row: **Your outdoor decor**

Your outdoor decor	Your pick	Why
Coastal patio style	Crisp navy blue paint	Matches coastal outdoor decor perfectly
Modern outdoor space	Matte black finish	Sleek, modern outdoor furniture look
Tropical landscaping	Split bamboo fencing wrap	Blends rack into tropical greenery
Family-friendly space	High-gloss vibrant yellow	Embraces the fun of summer

Plan Your Cut List

- ○ Measure your widest float to determine the horizontal pipe cut lengths.
- ○ Measure your tallest inflatable to size the vertical upright pipes.
- ○ Verify you have enough standard pipes to yield your calculated cuts.
- ○ Check packaging on PVC cement for safe curing times before use.

Materials Checklist

- ☐ Plumbing pipes and matching caps
- ☐ Matching T-joints and elbows
- ☐ PVC primer and cement
- ☐ Dry play sand
- ☐ Elastic marine-grade cords
- ☐ Exterior-grade plastic spray paint
- ☐ Rubber mallet and permanent marker

Cut Dimensions & Notes

Enjoy a tidy, spacious patio and a summer full of perfectly dry floats!