Large-Shower Layout Measurement Sheet

Map out your exact drain placement, floor slope, and glass spacing.

Planning a seamless doorless shower requires absolute precision. Use these exact dimensions to ensure rogue splashing stays contained and your vanity remains perfectly dry.



Key Shower Dimensions

1/4 inch
Drop per foot for 2% slope

36 to 48 in
Offset valve height for your reach

12 to 18 in
Valve distance from the entry edge

84 inches
Primary rain head height

50 to 60%
Fixed glass width based on length

1-inch
Grout gap on each drain side

14+ inches
Interior niche height off sightline

24x24 in
Minimum floor tile on single plane

Specify Low-Iron Glass

Upgrade to ultra-clear low-iron glass for your fixed partition. It removes the standard mint-green edge shadow, keeping your warm-white tiles looking crisp and true to color.

Sizing Your Doorless Entry

Find your row: **Total Enclosure Length**

Total Enclosure Length	Your pick	Why
5-foot footprint	Minimum entry corridor	Contains splashing in tight spaces
7-foot footprint	3-foot entry corridor	Recommended for completely dry vanities

Structural & Layout Checks

- ○ Tape the entry and wet zone dimensions on the subfloor first.
- ○ Verify floor joist direction allows pipe to run toward plumbing.
- ○ Confirm wall stud placement to support heavy glass panel hinges.
- ○ Check that offset valve depth matches large-format tile thickness.
- ○ Extend waterproofing membrane well past the fixed partition edge.

Design & Material Details

- ☐ Select a slip-resistant matte finish for large floor slabs.
- ☐ Align floor grout lines directly with vertical wall joints.
- ☐ Specify a 1/16-inch grout joint for a monolithic appearance.
- ☐ Match high-performance epoxy grout color to the porcelain.
- ☐ Pitch the niche bottom sill slightly forward for drainage.
- ☐ Check fan packaging for high-volume CFM ventilation ratings.

Project Notes & Measurements

Enjoy your beautifully planned, spa-like retreat—you earned every seamless detail!