

PolarWall™ Data Center Wall Partitions

WE KEEP
THE CLOUD
COOL™

The PolarWall™ saves you from the mess of a construction project and having to use sheetrock, studs, tape, plaster, and paint. It's an attractive, cost effective and flexible way to divide existing space.



Simple Design

- The PolarWall™ is a light weight slick design with a speedy panel installation.
- The 1" thick multi-wall polycarbonate panels tool-less nests inside aluminum tracks on the posts, floor and ceiling.
- Sleek and functional solutions for floor to ceiling modular walls, privacy suits, and room dividers with height up to 30'.

Quick Install

- The PolarWall™ is designed for quick, trouble free, scalable, and consistent in quality installs.
- Modular wall assembled on site
- Tool-Less panel installation.
- Easy to field customize size for polycarbonate panels or aluminum extrusions.

Features

- Framing: clear anodized aluminum
- Panels: clear or opal wall height 8', 10', 12', and 14' with floor-to-ceiling capabilities.
- Frame: *Integrated posts and trim* is made from 6063-T5 alloy aluminum extrusions.
- *Floor bracket*: standard u-bracket, nests inside extruded posts for clean aesthetic design
- *In-line bracket*: offset bracket for datacenter application when wall can't block adjacent floor tiles.
- *Corner bracket*: offset corner bracket for datacenter application when wall can't block adjacent floor tiles.
- *Ceiling bracket*: L-bracket connects post to the ceiling or strut
- Corner edge trim is 2"x2" extruded aluminum
- Installation HW to attach to the floor, ceiling and posts included.



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Integrated post with floor bracket & trim



Standard floor bracket nests inside the post



In-line post bracket



corner post bracket



Aluminum integrated post



Aluminum trim with opal multi-wall panel



ceiling attachment with 2"x2" L-bracket

Benefits

- Easy panel modification in the field.
- Ability to accommodate any design layout
- Integrates with imperfect building condition.
Fastest lead times in the modular wall industry
3-4 weeks standard lead time
- Panels:(ASTME84, Class A)
- Panels Strengths: Tested 4'x10' panel in the aluminum frame withstands tension of 1,000 lbs.

Available Options

- Panels & Posts: clear or opal wall height with floor-to-ceiling capabilities up to 35'
- *Ceiling bracket #1*: Nests in extruded post, attaches to any structural ceiling; adjustable 6" height.
- *Ceiling bracket #2*: Nests in the extruded post, attaches to the Polargy integrated ceiling; adjustable 6" height.
- *Splicer*: nests inside extruded post, connects posts for extra height.
- Single Door: Aluminum *single swing door* and frame, 46"x 96"
- Dual Door: Aluminum *dual swing door* and frame, 92"x 96" with 1" opal inserts. (push-bar, turn-knob, handle, key, adjustable closer, door stop, and no threshold)

Available Options:



Bracket #1 attaches integrated post to the ceiling. Bracket nests inside the post and has adjustable height



Bracket #2 attaches integrated post to the Polargy integrated ceiling. Bracket nests inside the post and has adjustable height of 4'



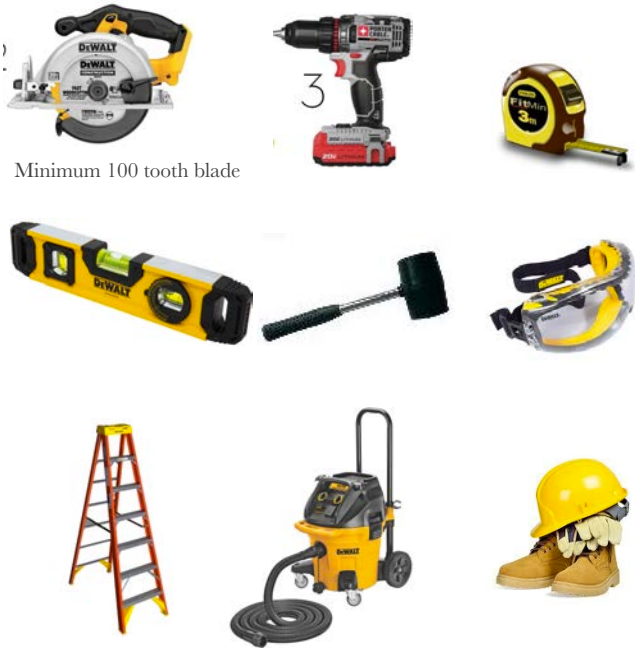


Dual Swing Doors: Aluminum *single swing door* and frame, 46”x 96” with 1” opal insert. (push-bar, turn-knob, handle, key, adjustable closer, door stop, and no threshold



Aluminum *dual swing door* and frame, 92”x 96” with 1” opal inserts. (push-bar, turn-knob, handle, key, adjustable closer, door stop, and no threshold

Recommended installation tools:



Minimum 100 tooth blade



NOTE: Strut components maybe needed by installers to ensure sufficient attachment points of modular wall

PRODUCT CODE	PRODUCT DESCRIPTION	SIZE
PPW08	Polargy Partition Wall at 8' Tall	BY LINEAR FEET
PPW10	Polargy Partition Wall at 10' Tall	BY LINEAR FEET
PPW12	Polargy Partition Wall at 12' Tall	BY LINEAR FEET
PPW14	Polargy Partition Wall at 14' Tall	BY LINEAR FEET
PPWDR1	Swing Door, Polargy Partition Wall	SINGLE OR DUAL