

44U Equipment Rack (ER2) Standard Assemblies

EASY TO ORDER PRE-CONFIGURED CABINET ASSEMBLIES

- Complete cabinet assemblies with one easy to configure part number. Over 1600 standard configurations.
- Inter-locking all welded 14 GA steel construction meets UBC Zone 4 Seismic requirements
- Modular design for multi-bay applications
- Double flush side panels for easy removal
- Built-in cable management
- Unrestricted cable access from bottom, top, sides or rear



Seismic Durability

Electrorack's new Equipment Rack (ER2) is the first full-featured rack system that combines durability, flexibility and professional appearance.

The fully welded rack frame is constructed of 14 gauge cold rolled steel and meets the earthquake requirements of UBC Zone 4.

The ER2's base structure features the most open area on the market today - ideal for bottom cable entry

Modular

The ER2 rack system's modular design simplifies configuration of single or multi-bay applications. Built into every ER2 is our unique cable lacing system.

Our optional cable lacing solutions can be mounted exactly where needed and easily re-located as requirements change.

Easy to Order

Our new easy to order system makes your job easier. Specify a single part number to order your complete cabinet assembly.

Add your interior options as separate line items and you're finished - it's that EASY!

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EASY TO ORDER PRE-CONFIGURED CABINET ASSEMBLIES

Technical Information

Frame

Height

- Usable: 77.0 in/44U (1U=1.75 in)
- Overall (no base): 82.0 in
- Overall (with caster base): 86.5 in

Width

- Usable: 19" EIA
- Overall: 23.09 in

Depth

- Overall: 32.0 in
- Usable (rail to rail max): 30.2 in

Material

- 14 gauge cold rolled steel
- Fully welded interlocking construction

Rear Door Options

- All rear doors are constructed from 16 gauge cold rolled steel w/16 gauge full length stiffener
- Doors mount flush via quick release pin hinges directly to frame allowing rear rail adjustability
- All doors shipped with left hand hinges standard
- All doors are easily field reversible (note: vented bottom door becomes vented top when reversed)
- Latch system flush keyed push button style - keyed same as front door and sides where applicable

Pontoon Base Option

Casters

- 2.5" DIA ball bearing swivel casters
- 400 lb load rating ea (1600 lb total)

Levelers

- Heavy duty 1200 lb load rating ea (4800 lb total)
- 5/8-11 thread
- Delrin anti-scratch foot with swivel head

Material

- 14 gauge cold rolled steel
- Fully welded construction

Front Door Options

- All front doors are surface mounted with three heavy duty external left-hand hinges.
- Hinges are quick release lift off
- All doors include flush lift and turn latch system with keylock.
- Plexiglass 0.25 in thick bronze tint

Top Options

Solid Top Kit

- 13U (22.75 in) & 3U (5.25 in) formed solid panels
- 16 gauge cold rolled steel

Perforated Top Kit

- 13U (22.75 in) & 3U (5.25 in) formed perforated panels
- Material: 16 gauge perforated steel 0.18 in DIA holes on 0.25 centers 51% open area

Fan Top Kit

- 13U (22.75 in) panel with 2 ea 100 CFM muffin fans & 3U (5.25 in) solid panel
- Fans: 115V 50/60Hz wired with single 3 ft cord and plug
- Fan noise rating: 40.2 dBA ea.
- Panel material: 16 gauge cold rolled steel

Side Panel Options

- All side panels mount flush with side of frame
- Unique half side panel system allows access to lower or upper portion of cabinet without removing the complete side.
- Quick release side panels require no tools for installation or removal
- Optional keylocks are keyed the same as front and rear doors
- Material 18 gauge cold rolled steel

Ordering Information

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BASE

- 0 - None
- 1 - Pontoon Caster & Leveler

TOP

- 0 - None
- 1 - Solid Top Kit (13U & 3U)
- 2 - Perf Top Kit (13U & 3U)
- 3 - Fan Top Kit (13U fan & 3U solid)

REAR DOOR

- 0 - None
- 1 - Flush Solid - Full Height
- 2 - Flush Vented Bottom - Full Height
- 3 - Flush Full Vented - Full Height
- 4 - Solid Short Door Kit (70U door & 3U removable access panel)

FRONT DOOR

- 0 - None
- 6 - Surface Mounted Solid Door
- 8 - Surface Mounted Plexiglass Door
- 9 - Surface Mounted Plexiglass Door w/vents

SIDES

- 0 - None
- 1 - Solid Side Kit - less lock
- 2 - Solid Side Kit - locking
- 3 - Vented Side Kit - less lock
- 4 - Vented Side Kit - locking

FINISH

- 2 - Black Powder Coat
- 9 - Platinum Powder Coat

Electrorack

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