

LHR-4442

Two Part Host Rack

Overall Width:	24.00 inches [607 mm]
Panel Space:	44U
Overall Height:	89.02 inches [2261 mm]
Overall Depth:	42.88 inches [1089 mm]
Load Capacity:	750 lbs. [340 kg]
Finish:	Black wrinkle textured powder epoxy finish



THE TWO PART HOST RACK features a fully welded cabinet and an interior rollout rack that slides forward and rotates for easy access to equipment. This design is well suited for back-to-back or against-the-wall installations. The inner rack and its platform base can completely disengage from the cabinet to roll to the shop for equipment load and wiring.

FEATURES

EXTERIOR CABINET:

- Open front with beveled corners and vents above and below opening.
- Open back with upper and lower knockout panels with combination EKO's for conduit (1/2 to 3/4", and 1" to 1-1/2"). Upper panels include knockouts for wireless antennae (1/2").
- Fully welded sides with vents
- Configurable top includes solid black closure panels (sent as shipping stiffeners), which can be replaced with optional 19" fan or vent panels as needed. Top also features front-to-rear knockouts for three pairs of wireless antennae and combination knockouts in a 6" weld-braced platform for fast, consistent field connections (4 compound knockouts and a center oval for wire pass through). It can support a 6" termination box or 4" conduit with locking ring (Greenlee field-punched hole).
- Provisions in base for anchoring (anchors not included)
- Side-mounted front-to-rear supports can be used to mount optional accessories
- Green ground wire (cabinet to rack)
- Combination knockouts in rear
- Four lacing panels (exterior cabinet)
- Black wrinkle textured powder epoxy finish

INTERIOR RACK:

- Depth: 34.00" Note that useable space is 36.00" if equipment is allowed to extend 2.00" beyond rack depth.
- Maximum rollout 35.00"
- Overall rollout depth 77.875"
- Four 44U corner post mounting rails: 11-gauge steel 10-32 threaded rails on E.I.A. spacing with numbered RU increments.
- Inner platform base with casters and stainless steel ball transfers for smooth pull-and-turn operation.
- Four lacing panels (interior rack)

INSTALLATION: Allow 3.5" minimum clearance on both sides of rack for rotation.

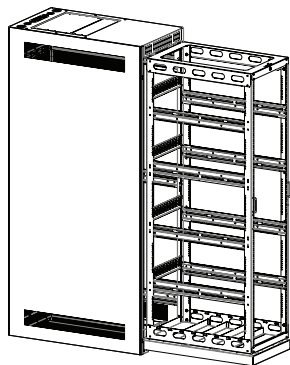
HARDWARE: 10-32 screws with washers.

COMPLIANCE:

- EIA/TIA compliant
- Made in U.S.A.
- Certified U.S. steel

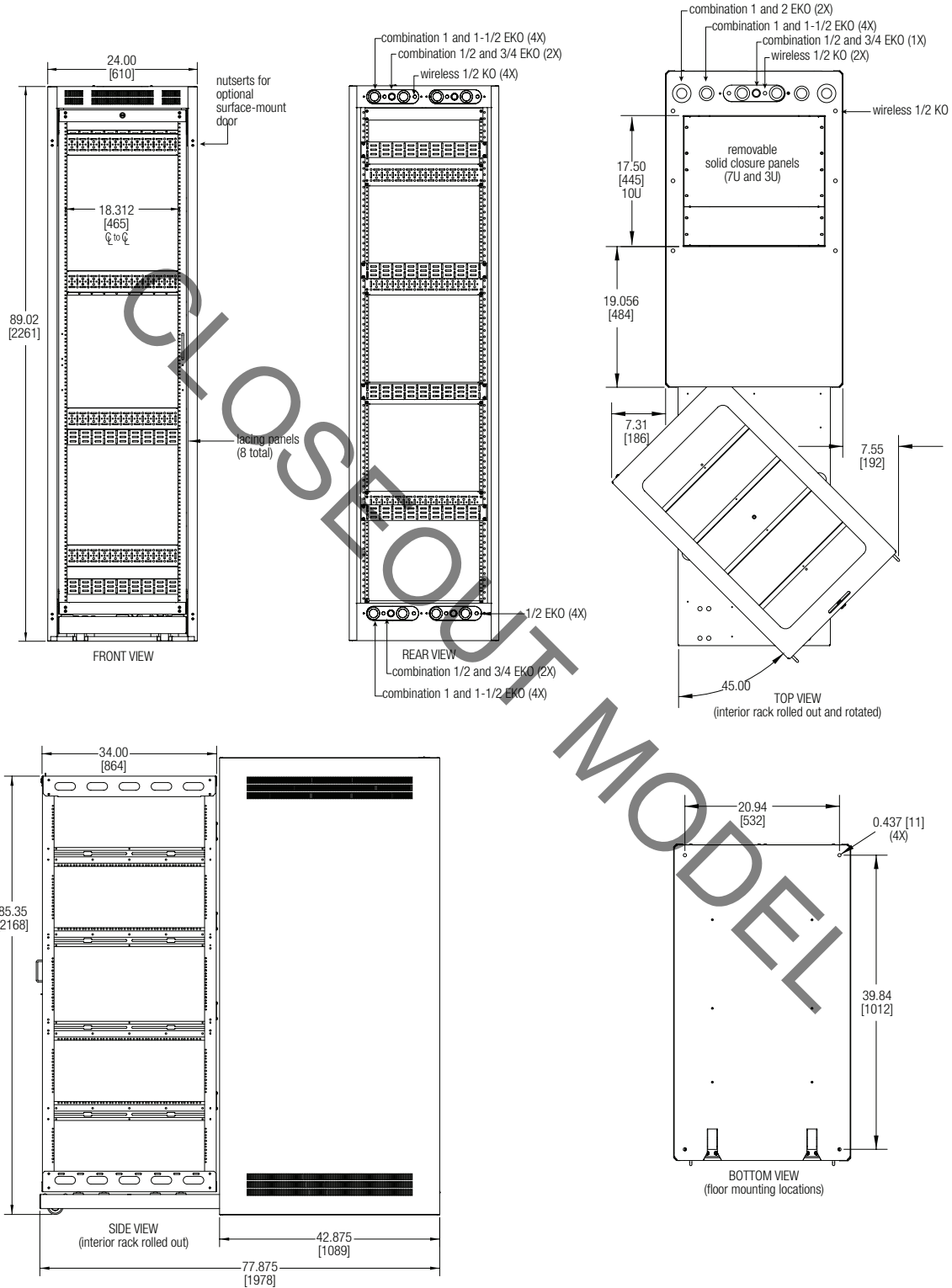
OPTIONAL:

- Front Door: LHR-FD44 solid steel or LHR-FD44P smoked plexiglass
- Rear Access Cover LHR-RAC44: Opens from top
- Additional Mounting Rails LHR-RRT-44: 44U, 1 pair



TECHNICAL DRAWINGS

Dimensions: inches [mm] unless stated otherwise.



A&E SPECIFICATIONS

The two-part, host style rack shall be Lowell model LHR-4442, which shall be made in the U.S.A. with certified U.S. steel and have overall dimensions of 89.02"H x 24.00"W x 42.875"D with panel space of 44 rack units and usable depth of 36.00". The rack shall include a welded steel cabinet with an internal pull-out rack connected to an inner platform caster base with stainless steel ball transfers capable of supporting 750 lbs. The external cabinet shall have vented sides, open front and back, four rear lacing panels, configurable top with removable closure panels, and top knockouts for conduit and wireless antennae. It shall have a black wrinkle powder epoxy finish, provisions for anchoring (anchors not included), and a ground wire to the internal rack. The internal rack shall be a steel assembly with corner post mounting rails tapped 10-32, four lacing panels, and side/rear braces. It shall be mounted to the caster base and pull-out smoothly from the cabinet to provide free rotation to connections and cables. The internal rack/caster base assembly shall be capable of disengaging from the external cabinet for shop wiring and testing.

LHR SERIES MODEL SUMMARY

Model No.	Overall Width inches [mm]	Rack Units	Overall Depth inches [mm]	Usable Depth* inches [mm]	Overall Height inches [mm]	Usable Height inches [mm]	Top Opening rack units	Load Capacity lbs [kg]	Exterior Cabinet Lacing Panels	Inner Rack Lacing Panels
LHR-2432	24.00 [607]	24U	32.88 [835]	26.00 [660]	54.03 [1372]	42.00 [1067]	10U	750 [340]	3	3
LHR-3532	24.00 [607]	35U	32.88 [835]	26.00 [660]	73.27 [1861]	61.25 [1556]	10U	750 [340]	4	4
LHR-4432	24.00 [607]	44U	32.88 [835]	26.00 [660]	89.02 [2261]	77.00 [1956]	10U	750 [340]	4	4
LHR-4442	24.00 [607]	44U	42.88 [1089]	36.00 [914]	89.02 [2261]	77.00 [1956]	10U	750 [340]	4	4

1U = 1.75"

* Usable space if equipment is allowed to extend beyond rack depth.