



### features.

- **Panel Space:** 44U or 77.00" [1956]
- **Overall Height:** 89.02" [2261]
- **Overall Depth:** 42.875" [1089]
- **Overall Width:** 24.00" [607]
- **Description:** Two-part rack features a fully welded cabinet and an interior rollout rack that rotates to access equipment and connections, a design that's well suited for back-to-back or against-the-wall installations. The inner rack and its platform base can disengage from the cabinet for shop wiring. Black wrinkle powder epoxy finish.
- **Exterior Cabinet:**
  - Open front with beveled corners and vents above and below opening.
  - Open back with upper and lower knockout panels with combination EKOs for conduit (1/2"–3/4" and 1"–1-1/2"). Upper panels include KOs for wireless antennae (1/2").
  - Fully welded sides with vents
  - Configurable top with 10U opening includes two solid black closure panels (sent as shipping stiffeners) which can be replaced with optional 19" fan or vent panels. Top also features front-to-rear knockouts for 3 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)
- **Interior Rollout Rack:**
  - 34.00"D (36.00" useable space if equipment is allowed to extend 2.00" beyond rack depth)
  - Max. rollout 35.00" (77.875" overall rollout depth)
  - Four 44U corner post mounting rails: 11-gauge steel 10-32 threaded rails on E.I.A. spacing with numbered RU increments. Black finish.
  - Inner platform base with casters and stainless steel ball transfers for smooth pull-and-turn operation.
- **Cable Management:** Combination knockouts in top and rear. Six lacing panels (3 on exterior cabinet, 3 on 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. RoHS compliant.
- **Load Capacity:** 750 lbs. [340 kg]
- **Optional:**
  - Front door, steel or smoked plexiglass (#LHR-FD44, #LHR-FD44P)
  - Rear access cover opens from top (#LHR-RAC44)
  - Additional pair of mounting rails (#LHR-RRT-44)



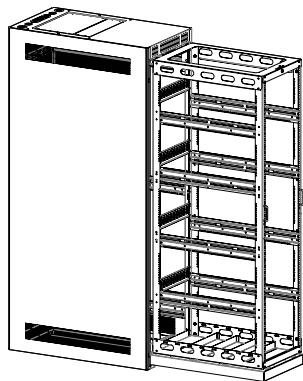
### a&e specifications.

The two-part host style rack shall be Lowell #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, three rear lacing panels, 10U EIA top opening 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, three 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.

#### Optional

- The rack shall include a solid steel surface-mount front door with key lock, #LHR-FD44.
- The rack shall include a smoked plexiglass surface-mount front door with key lock, #LHR-FD44P.
- The rack shall include a rear access cover with key lock, #LHR-RAC44.
- The rack shall include an additional pair of mounting rails, #LHR-RRT-44.



### LHR series summary

Model No.	Rack Units	Overall Depth	Usable Depth	Overall Height	Usable Height	Top Overall Width	Post Opening	Load Rails	Capacity
LHR-2432	24 U	32.88 [835]	26.00 [660]	54.03 [1372]	42.00 [1067]	24.00 [607]	10 U	4	750 lbs
LHR-3532	35 U	32.88 [835]	26.00 [660]	73.27 [1861]	61.25 [1556]	24.00 [607]	10 U	4	750 lbs
LHR-4432	44 U	32.88 [835]	26.00 [660]	89.02 [2261]	77.00 [1956]	24.00 [607]	10 U	4	750 lbs
▶ LHR-4442	44 U	42.88 [1089]	36.00 [914]	89.02 [2261]	77.00 [1956]	24.00 [607]	10 U	4	750 lbs
LHR-3542*	35 U	42.88 [1089]	36.00 [914]	73.27 [1861]	61.25 [1556]	24.00 [607]	10 U	4	750 lbs

\*Discontinued size, limited availability.

Rack dimensions (rounded) – inches and [mm], 1U = 1.75"



