



Model No.

LER-4432

19" Enclosed Rack

Panel Space:	44U or 77.125" [1959]
Overall Height:	83.125" [2111]
Overall Depth:	32.00" [813]
Overall Width:	23.06" [586]
Load Capacity:	3150 lbs. [1429 kg] (UL Listed)



FULLY WELDED ENCLOSED RACK, certified US steel, 16-gauge frame with 14-ga. bottom reinforced at load-bearing junctions for robust support, strength equivalent to 11-ga. steel. Black wrinkle powder epoxy finish. Beveled edge corners front and rear.

FEATURES

FRONT: Upper and lower vents. Frame nutserts are ready to add optional surface-mount door (left or right swing). Order front door separately.

REAR: Laser-cut knockout panels in frame above and below door with combination EKOs for conduit (1/2"–3/4" and 1"–1-1/2") and KOs for wireless antennae (1/2"). Standard model includes recessed door with vents and key lock (left or right swing). Rear door can be omitted by placing "LRD" (less rear door) suffix in model no.

CABLE MANAGEMENT: Laser-cut combination knock-outs in top and rear.

SIDES (welded): Welded side panels with vents at top and bottom.

BOTTOM (open access): Includes 10-32 threaded grounding stud in corner, 3/8"-16 threaded T-nuts for (optional) leg levelers, and holes for anchor bolts (by others). Opening is 27.88"D x 19.94"W.

CONFIGURABLE TOP (with closure panels): 10U opening features riveted 10-32 threaded rails on 19" E.I.A. spacing. Includes two black closure panels (3U, 7U) which can be replaced with optional 19" panels (fan, vent, etc.). A 6"D rear conduit plane has combination EKOs for conduit (1"–1-1/2" and 1"–2"), KOs for wireless antennae (1/2"), plus room to field-punch an opening for 4" dia. conduit.

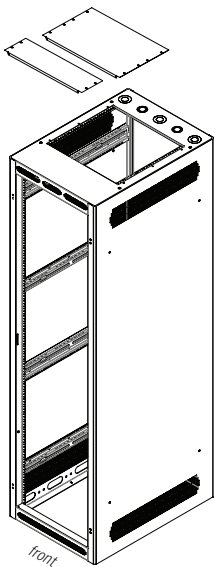
RACK RAILS – 44U (fully adjustable): Two pairs of 11-ga. steel 10-32 threaded rails on E.I.A. spacing with bi-directional numbered RU increments (rails mount in either direction). Black finish. Clearance from front rail to outside frame (1.75"), from front rail to optional surface-mount door (2.5").

HARDWARE: Black pilot point screws with captive washers for quick installation. (50)

COMPLIANCE: EIA/TIA compliant. RoHS compliant. UL 2416 Listed in U.S. and Canada.

OPTIONAL:

- LFD-44: front door
- LFD-44P: smoked plexiglass front door
- LFD-44FV: fully-vented front door
- LRD-44FV: fully-vented rear door
- RRD-44: 44U mounting rails
- LMB-32: mobile base
- LSB-32: stationary base
- LL: leg levelers



The rack includes a rear door and top closure panels (rear door can be omitted if not needed, see ordering option, pg. 2). A front door is optional, order separately.



A&E SPECIFICATIONS

The EIA/TIA compliant 19" floor rack shall be Lowell model LER-4432 with overall dimensions of 83.125"H x 32.00"D x 23.06"W; usable height of 44 rack units, and usable depth of 29.34". Rack construction shall be fully welded certified U.S. steel with 16-gauge frame and 14-gauge bottom reinforced at load-bearing junctions, all with black wrinkle powder epoxy finish. Welded sides shall feature vents at top and bottom. The rack shall include a recessed rear door with vents and key lock, laser-cut knockout panels above and below door with 1/2" KO for wireless antennae, 1/2"-3/4" and 1"-1-1/2" EKO for conduit. The front shall feature vents along top and bottom, and provisions to accept an (optional) surface-mount door with left or right hand swing. The top shall feature a 10U opening with riveted 10-32 threaded rails on 19" E.I.A. spacing and solid closure panels (3U, 7U), 1"-1-1/2" and 1"-2" EKO for conduit, 1/2" KO for wireless antennae, and a 6"D rear conduit plane with room to field-punch holes for 4" dia. conduit. Rack bottom shall have an opening measuring 27.88" x 19.94" and include a grounding stud. Rack shall include 2 pairs of (44U) adjustable 11-gauge steel rails tapped 10-32 on 19" E.I.A. spacing with black finish and numbered rack unit increments. The UL 2416 Listed rack shall be manufactured in the U.S.A. with a UL Listed load capacity of 3150 lbs.

OPTIONAL ACCESSORIES

- The rack shall include a solid steel surface-mount front door with key lock model LFD-44.
- The rack shall include a smoked plexiglass surface-mount front door with key lock model LFD-44P.
- The rack shall include a fully-vented surface-mount front door with key lock model LFD-44FV.
- The rack shall include a fully-vented rear door with key lock model LRD-44FV.
- The rack shall include mobile base model LMB-32, which shall add 1.25" to height.
- The rack shall include a stationary base model LSB-32.
- The rack shall include an additional pair of 44U mounting rails, model RRD-44.
- The rack shall include a set of four leg levelers model LL.

LER SERIES SUMMARY

Model No.	Rack Units	Overall Depth	Usable Depth	Overall Height	Usable Height	Overall Width	Top Opening	Bottom Opening Depth	Bottom Opening Width	Adj. Rails	Load Capacity
LER-1822	18 U	22.00 [559]	19.34 [491]	37.63 [956]	31.63 [803]	23.06 [586]	---	17.88 [454]	19.94 [506]	1 pr	500
LER-2122	21 U	22.00 [559]	19.34 [491]	42.88 [1089]	36.75 [933]	23.06 [586]	---	17.88 [454]	19.94 [506]	1 pr	500
LER-2422	24 U	22.00 [559]	19.34 [491]	48.13 [1222]	42.13 [1070]	23.06 [586]	---	17.88 [454]	19.94 [506]	1 pr	800
LER-3522	35 U	22.00 [559]	19.34 [491]	67.38 [1711]	61.38 [1559]	23.06 [586]	7 U	17.88 [454]	19.94 [506]	1 pr	3150
LER-4022	40 U	22.00 [559]	19.34 [491]	76.13 [1934]	70.13 [1781]	23.06 [586]	7 U	17.88 [454]	19.94 [506]	1 pr	3150
LER-4422	44 U	22.00 [559]	19.34 [491]	83.13 [2111]	77.13 [1959]	23.06 [586]	7 U	17.88 [454]	19.94 [506]	1 pr	3150
LER-1827	18 U	27.00 [686]	24.34 [618]	37.63 [956]	31.63 [803]	23.06 [586]	---	22.88 [581]	19.94 [506]	1 pr	500
LER-2127	21 U	27.00 [686]	24.34 [618]	42.88 [1089]	36.75 [933]	23.06 [586]	---	22.88 [581]	19.94 [506]	1 pr	500
LER-2427	24 U	27.00 [686]	24.34 [618]	48.13 [1222]	42.13 [1070]	23.06 [586]	---	22.88 [581]	19.94 [506]	1 pr	800
LER-3527	35 U	27.00 [686]	24.34 [618]	67.38 [1711]	61.38 [1559]	23.06 [586]	7 U	22.88 [581]	19.94 [506]	1 pr	3150
LER-4027	40 U	27.00 [686]	24.34 [618]	76.13 [1934]	70.13 [1781]	23.06 [586]	7 U	22.88 [581]	19.94 [506]	1 pr	3150
LER-4427	44 U	27.00 [686]	24.34 [618]	83.13 [2111]	77.13 [1959]	23.06 [586]	7 U	22.88 [581]	19.94 [506]	1 pr	3150
LER-2432	24 U	32.00 [813]	29.34 [745]	48.13 [1222]	42.13 [1070]	23.06 [586]	10 U	27.88 [708]	19.94 [506]	2 pr	800
LER-3532	35 U	32.00 [813]	29.34 [745]	67.38 [1711]	61.38 [1559]	23.06 [586]	10 U	27.88 [708]	19.94 [506]	2 pr	3150
LER-4032	40 U	32.00 [813]	29.34 [745]	76.13 [1934]	70.13 [1781]	23.06 [586]	10 U	27.88 [708]	19.94 [506]	2 pr	3150
LER-4432	44 U	32.00 [813]	29.34 [745]	83.13 [2111]	77.13 [1959]	23.06 [586]	10 U	27.88 [708]	19.94 [506]	2 pr	3150

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

ORDERING OPTION: Omit rear door by adding "LRD" to end of model number, ex. LER-3522-LRD

THIS SPEC



TECHNICAL DRAWINGS

Dimensions are inches and [mm] unless stated otherwise.

