Lowell™

Model No.

LGNR-4432

Gangable Narrow (22"W) Rack

Panel Space:	44U or 77.00" [1956]
Overall Height:	83.125" [2111]
Overall Depth:	32.00" [813]
Overall Width:	22.00" [559]
Load Capacity:	3150 lbs. [1429 kg] (UL Listed)

FULLY WELDED GANGABLE RACK with adjustable rails. Certified U.S. steel, 16-gauge frame with seamless side frame construction, 14-ga. top and 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.

RACK FEATURES

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

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

SIDES (open access): Obround openings along base for cabling between racks. Optional side panel increases overall width 1" per side.

CONFIGURABLE TOP: 15U opening features riveted 10-32 threaded rails on 19" EIA spacing.

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 18.89"W.

RAILS (fully adjustable): Two pairs of 11-ga. steel 10-32 threaded rails on EIA spacing with numbered RU increments (rails mount in either direction). Black finish. Clearance for wire management from front rail to outside frame (1.5") and from front rail to (optional) surface-mount door (2.25").

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

COMPLIANCE: EIA/TIA compliant. UL 2416 Listed in USA and Canada.

ACCESSORY BUNDLE

LFD-44: Solid steel surface-mount front door with key lock, mounts left or right

SDP-4432: One pair side panels consists of 2 pieces per side for easier maneuverability

ACS-2024: Power strip (70") with 16 (15A) and 8 (20A) outlets, surge suppression, 12' cord

FT1-7: A 7U panel with 10" dia. turbo fan

FTC-1: Thermostat control for fan ()

CMBS: Four slotted cable management bars (straight)

CMBS-4: Two slotted cable management bars (4" offset), ()

CMV3-44: A vertical-mount cable management panel with velcro post tie

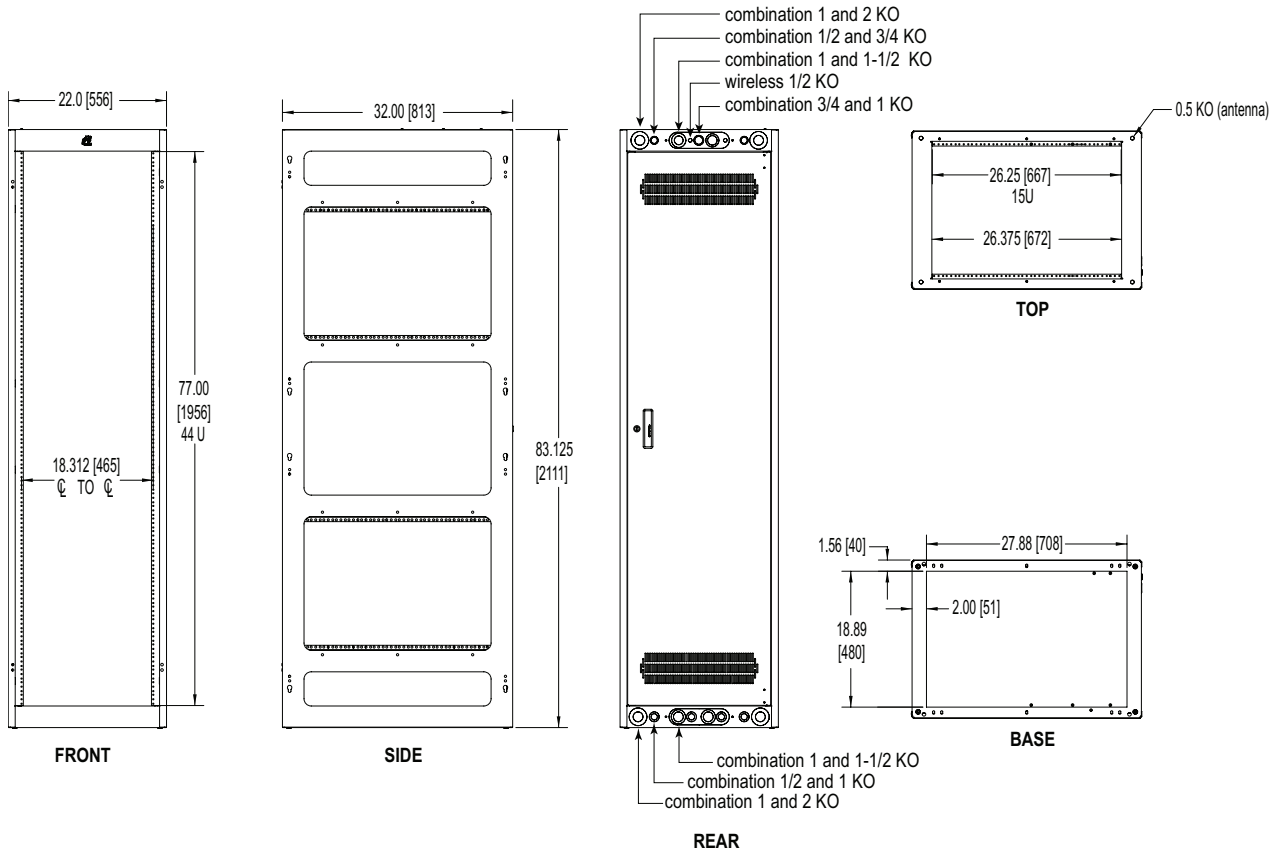LL: Set of four heavy-duty leg levelers

VCW-12: Bag of 12 velcro cable wraps

HARDWARE: Two extra bags of rack screws

LFD-44

CMBS (4)

CMBS-4 (2)

FT1-7

LL

RSP-25 (2)

FTC-1

VCW-12

ACS-2024

CMV3-44

SDP-4432

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TECHNICAL DRAWINGS

Dimensions are inches and [mm] unless stated otherwise.

combination 1 and 2 KO
combination 1/2 and 3/4 KO
combination 1 and 1-1/2 KO
wireless 1/2 KO
combination 3/4 and 1 KO

0.5 KO (antenna)

22.0 [556]

32.00 [813]

77.00 [1956] 44 U

18.312 [465] ℄ TO ℄

83.125 [2111]

26.25 [667] 15U

26.375 [672]

TOP

1.56 [40]

27.88 [708]

2.00 [51]

18.89 [480]

FRONT

SIDE

combination 1 and 1-1/2 KO
combination 1/2 and 1 KO
combination 1 and 2 KO

BASE

REAR

A&E SPECIFICATIONS

The EIA/TIA compliant 19" gangable equipment rack shall be Lowell model LGNR-4432-BAV with overall dimensions of 83.125"H x 32.00"D x 22.00"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, 14-ga. top and 14-ga. bottom reinforced at load-bearing junctions, all with black wrinkle powder epoxy finish. Open sides shall feature obround openings along bottom rear. The rack shall include a recessed rear door with key lock, combination knockouts for conduit wiring above and below door (1/2"–3/4", 1/2"–1", 3/4"–1", 1"–1-1/2" and 1"–2" KOs), and knockouts for wireless antennae (1/2" KOs). The front shall feature provisions to accept an (optional) surface-mount door with left or right hand swing. The top shall feature a 15U opening with riveted 10-32 threaded rails on 19" EIA spacing. Rack bottom shall have an opening measuring 27.88" x 18.89" and include a grounding stud. Rack shall include 2 pairs of adjustable 11-gauge steel rails tapped 10-32 on 19" EIA spacing with black finish and numbered rack unit increments. The UL 2416 Listed rack shall be manufactured in the USA with a UL Listed load capacity of 3150 lbs.

The rack shall include a bundle of accessories that shall consist of a solid front door with key lock (LFD-44), pair of side panels (SDP-4432), 70"L power strip with (24) 15A/20A outlets and 12' cord (ACS-2024), one 7U panel with 10" dia. turbo fan (FT1-7), thermostat to control fan (FTC-1), 4 straight and 2 offset cable management bars (CMBS Series), a 44U vertical cable management bar (CMV3-44), set of leg levelers (LL), pack of 12 velcro cable wraps (VCW-12), and 2 extra bags of screws.

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