

LBR: Floor Rack with fixed rails (27"D)

Description:

The LBR is an EIA compliant rack that offers solid structural support and code compliance to mount and secure 19" wide electronic equipment. This economical rack has fixed-position front mounting rails (tapped 10-32), which are useful for applications where equipment will be mounted in the fully-forward position. The basic rack includes one-pair fixed mounting rails, welded Z-angle in mid-section, two solid panels to close top, vented (welded) side panels, vented (recessed) rear door with key lock and rack screws. Rack can also be purchased without the rear door (see model numbers).

Features:

- Fully welded 18-ga. steel with 16-ga. steel bottom, reinforced at load-bearing junctions.
- One-pair fixed-position front mounting rails, tapped 10-32. Clearance from rails to flush outside of frame is .63" (1.63" from rail to inside of optional surface-mount front door).
- Integral 19" EIA rail in top to mount accessories. Top can be closed using 3 solid panels (included as shipping stiffeners).
- Abundant lacing points and space for cable management:
 - **Top:** 10U opening with integral rails tapped 10-32. Rails can be removed to accommodate large cable bundles. Combination knockouts.
 - **Bottom:** 16-ga. steel frame with full-size opening to facilitate floor entry of cable.
 - **Rear:** knockouts above and below rear door.
 - **Inside:** welded Z-angle can be used for vertical-mount power strip or cable management when optional rear rails are installed.
- Bottom has grounding stud in left rear corner, provisions for optional leg levelers, and holes for optional anchor bolts (by others).
- Reversible rear door (left or right swing).
- Black wrinkle powder epoxy finish.
- Made in the U.S.A. with 100% certified U.S. steel
- Load capacity: 800 lbs. static load (362 kg)

Options: (order separately)

- **Front Door:** accepts Lowell LFD-series front door.
- **Rear Rails:** thin-flange mounting rails with hardware to fit this design (see model no's. below).
- **Mobile or Stationary Base:** platforms are specially made to fit the LBR (see model no's. below). Mobile base adds 2.27" to height.

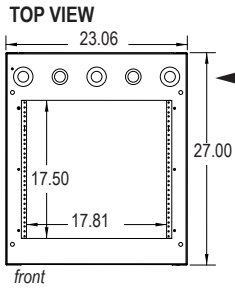


A & E Specifications:

The EIA-compliant rack shall be Lowell Model _____. It shall measure 23.06"W x 27"D x _____"H with a racking space of ____ rack units. The rack shall be fully welded 18-ga. certified U.S. steel with seamless side-frame construction and 16-ga. steel bottom reinforced at all load-bearing junctures. It shall include vented/welded side panels, vented/recessed rear door with key-lock, vents above and below the open front, one-pair of fixed-position front mounting rails (tapped 10-32), and Z-angle towards the rear. It shall have top and rear knockouts. The 10U top opening shall have integral EIA rail (tapped 10-32) for optional 19" wide accessories. The open bottom shall include a grounding stud in left rear corner, provisions for optional leg levelers, and holes for optional anchor bolts (by others). Finish shall be black wrinkle powder epoxy.

Model No.	Description	Rack Units*	Panel Space in. (mm)	Overall D in. (mm)	Useable D in. (mm)	Overall H in. (mm)	Overall W in. (mm)
LBR-2127	Lowell floor rack with fixed-rails	21	36.75 (933)	27 (686)	26.25 (666)	40.95 (1040)	23.06 (586)
LBR-2127-LRD	Lowell floor rack with fixed-rails (less rear door)	21	36.75 (933)	27 (686)	26.25 (666)	40.95 (1040)	23.06 (586)
LBR-2427	Lowell floor rack with fixed-rails	24	42 (1067)	27 (686)	26.25 (666)	46.20 (1173)	23.06 (586)
LBR-2427-LRD	Lowell floor rack with fixed-rails (less rear door)	24	42 (1067)	27 (686)	26.25 (666)	46.20 (1173)	23.06 (586)
LBR-3527	Lowell floor rack with fixed-rails	35	61.25 (1556)	27 (686)	26.25 (666)	65.45 (1662)	23.06 (586)
LBR-3527-LRD	Lowell floor rack with fixed-rails (less rear door)	35	61.25 (1556)	27 (686)	26.25 (666)	65.45 (1662)	23.06 (586)
LBR-4027	Lowell floor rack with fixed-rails	40	70 (1778)	27 (686)	26.25 (666)	74.20 (1884)	23.06 (586)
LBR-4027-LRD	Lowell floor rack with fixed-rails (less rear door)	40	70 (1778)	27 (686)	26.25 (666)	74.20 (1884)	23.06 (586)
LBR-4427	Lowell floor rack with fixed-rails	44	77 (1956)	27 (686)	26.25 (666)	81.20 (2162)	23.06 (586)
LBR-4427-LRD	Lowell floor rack with fixed-rails (less rear door)	44	77 (1956)	27 (686)	26.25 (666)	81.20 (2162)	23.06 (586)
LBR-RRT21	Rear rails for LBR, 1-pr.	21					
LBR-RRT24	Rear rails for LBR, 1-pr.	24					
LBR-RRT35	Rear rails for LBR, 1-pr.	35					
LBR-RRT40	Rear rails for LBR, 1-pr.	40					
LBR-RRT44	Rear rails for LBR, 1-pr.	44					
LBR-SB27	Stationary base for 27"D LBR			27 (686)			
LBR-MB27	Mobile base for 27"D LBR			27 (686)			

One rack unit (RU or U) = 1.75"



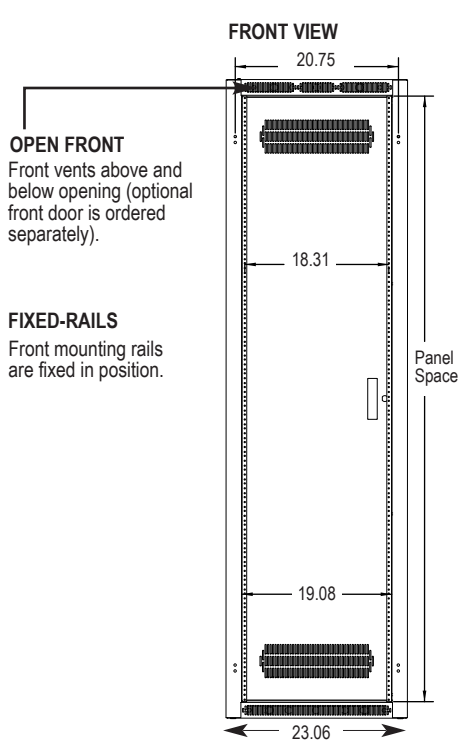
COMBINATION KNOCKOUTS

Three (2"-1"), two (1.5"-1"), plus six (.5") front-to-rear knockouts for BNC. The extra deep 6" knockout plane provides room to use a Greenlee-style punch for (4") conduit.



TOP CLOSURE PANELS

Three shipping stiffeners are designed to serve as flush closure panels on top. Top opening has integral rack rail (tapped 10-32) to accept optional 19" wide accessories.

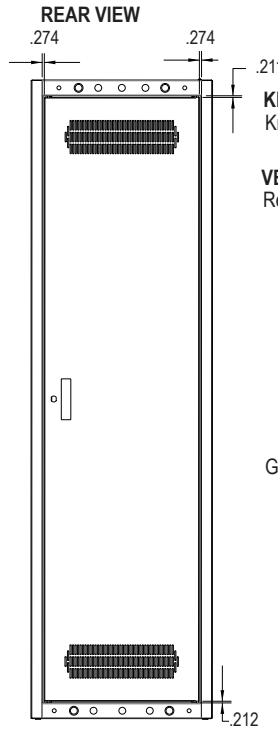


OPEN FRONT

Front vents above and below opening (optional front door is ordered separately).

FIXED-RAILS

Front mounting rails are fixed in position.



KNOCKOUTS

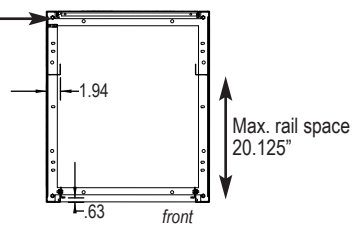
Knockouts above and below rear door.

VENTED REAR DOOR

Recessed rear door with key-lock also has top/bottom vents.

Grounding stud.

BOTTOM VIEW



SIDE VIEW - EXT.

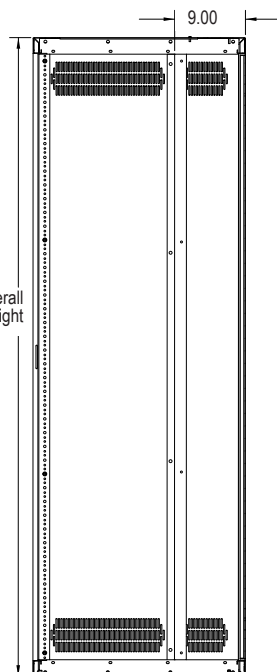
SIDE PANELS

Side vents at top/bottom.



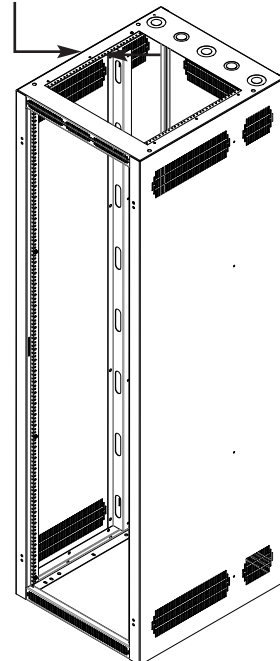
SIDE VIEW - INT.

Overall Height



WELDED Z-ANGLE

Set in 9-in. from rear.



All measurements are inches.