www.AVLELEC.com
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Model No.

LWBR-3532

• Wall-mount rack with support base
• 35U x 32.4"D x 23.06"W

The LWBR provides convenient access to equipment in wall-mount applications as the cabinet swings open and pivots smoothly on stainless steel ball transfers set into a support base. A keyed lock in the front secures the cabinet to the backbox, while allowing side-by-side installations. Welded 16-gauge steel construction is finished with beveled corners and a durable black wrinkle powder epoxy paint. Optional front doors for cabinet and base.

Extra 4U rack space in base — ideal for optional 4U utility drawer.

Construction & Features

- **Cabinet:** Opens with single-release grasp, then pivots smoothly on stainless steel ball transfers, swinging 90 degrees to access equipment connections. The right-hinged swing can be changed to left using internal spring-loaded hinges. Sides are vented at top and bottom. Side vents have notches to mount optional single-fan kit. Slam latch closure.
- **Base:** Stainless steel ball transfers in the base allow cabinet to pivot smoothly under 500 lbs. load. Base includes two ac-cess panels (top and front). Remove front panel to gain an ad-ditional 4 rack units of space for mounted equipment.
- **Backbox:** 4.69"D backbox mounts on 16" centers and fea-tures a large central cutout area.
- **Cable Management:** Removable knockout panel on top of backbox features 0.5" knockouts for wireless antennas and combination knockouts (.75–.5" and 15–10") for conduit.
- **Top:** Opening with integral E.I.A. rail accommodates standard 19" accessories. Two solid panels (one 3U, one 7U) used as shipping stiffeners can also be used to close the top.
- **Adjustable Mounting Rails:** Includes one pair of adjustable mounting rails with printed scale to aid equipment installation. Rails are recessed .63" from front, allowing 138" clearance between equipment knobs and optional front door.
- **E.I.A./T.I.A.** compliant
- **Made in the U.S.A.** with 100% certified U.S. steel

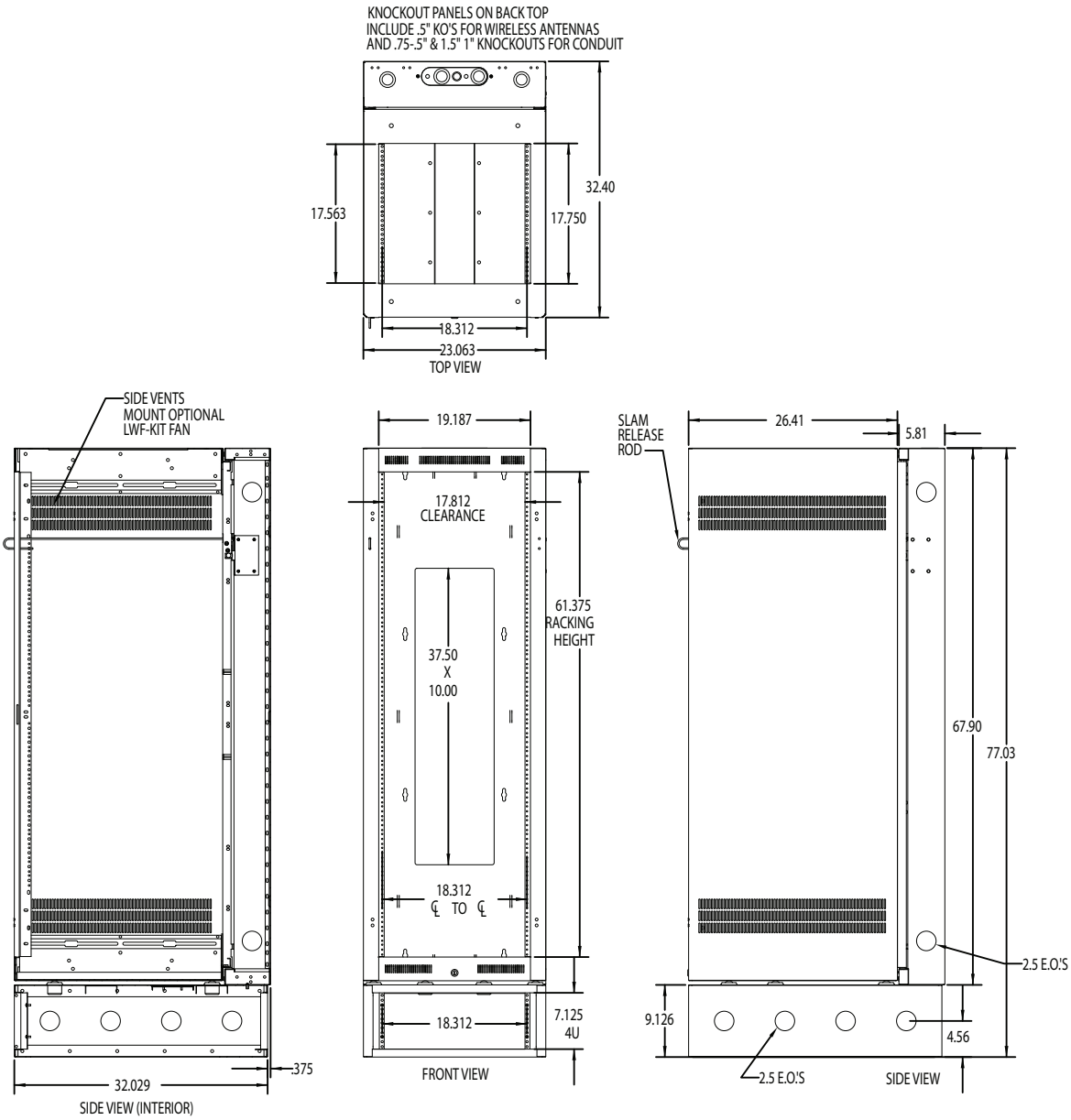
(L to R) Pin for optional front door can be moved to change swing orientation; stainless steel balls help transfer weight smoothly as cabinet swings open; front key lock secures cabinet to backbox while allowing side-by-side installs.

A&E Specifications

The E.I.A. compliant wall-mount rack shall be AVLELEC Model No. LWBR-3532, which shall consist of a backbox and cabinet with base. Overall measurements shall be 77.03"H x 32.4"D x 23.06"W with 35U rack space. Construction shall be 16 gauge welded steel with beveled corners and black wrinkle powder epoxy finish. The cabinet shall provide 90 degree pivot capability and swing open from a right hinge, which shall be field-change-able to left swing orientation. The cabinet shall feature vented side panels, one pair of adjustable mounting rails, and a keyed lock to secure it to the backbox. It shall include side-mounted fixed rails to accommodate optional power strips. The open top shall have knockouts for conduit, knock-outs for BNC antennas, lacing points, and provisions to at-tach board-mounted accessories. The base shall include stainless steel ball transfers and two access panels to pro-vide an additional 4U of panel space when the front panel is removed. It shall have a load rating of 500 lbs. The back-box with center opening shall be 4.69"D and mount on 16" centers.

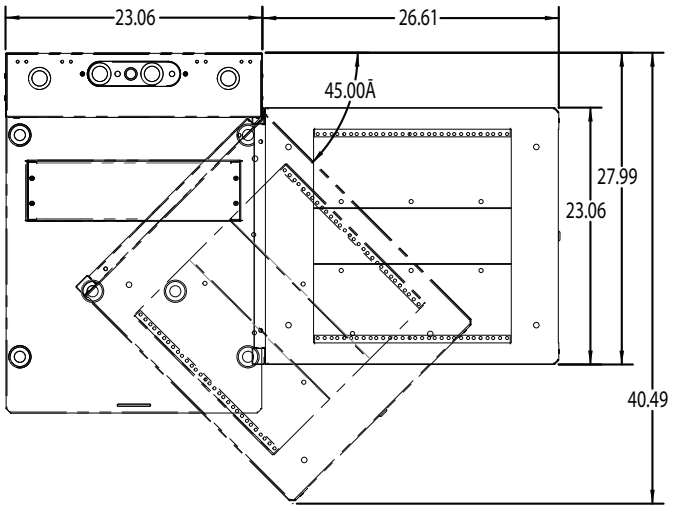
Technical Drawings

Measurements are inches.



Corner Install Detail

Measurements are inches.



Options

Front Door (LFD Series): Surface-mount front door with key lock mounts left or right without drilling. Front rail clearance to inside of door is 2.5." Available in solid steel, fully vented steel or smoked plexiglass.

Front Base Door (LWBR-BD4): Short door for support base provides flush closure to protect equip-ment.

Utility Drawer (UDP-414): Includes liner and key lock.

Additional Mounting Rails (RRD-35): 35U rails tapped 10-32 mount anywhere along side brackets.

Magnetic Vent Blockers (MVBLWBR): Set of four magnetic strips aids active thermal management. The strips are typically mounted on the rack's interior to cover front/side vents.

Optional flush door with key lock for base No. LWBR-BD4.

Single Fan Kit (FW1-KIT): Single whisper fan for spot cooling mounts to special notches in rack vents. 50cfm airflow. **Model**

No. Summary

Model No.	*Description*	*Panel Space*	*Overall Depth*	*Mtg. Section Depth*	*Overall Ht*	*Backbox Ht*
LWBR-3532	Pivoting wall rack with base	61.38" / 35U	32.4"	27.53"	77.03"	67.90"
Options						
LFD-35	Solid front door					
LFD-35P	Smoked plexiglass front door					
LFD-35FV	Fully vented front door					
LWBR-BD4	Solid door for base					
UDP-414	4U utility drawer					
RRD-35	Additional mounting rails (1 pr, 35U)					
MVBLWBR	Magnetic vent blocker kit					
FW1-KIT	Single fan kit					

1 rack unit (RU or U) = 1.75 inches or 44.45 mm.