

## Model No.

# LWR-1023

## Sectional wall-mount rack



## 10U x 23.05" D x 23.06" W

### Construction & Features

- 16-gauge welded steel backbox and separate mounting section are shipped in two boxes so the backbox can be field-installed while the mounting section is loaded with equipment at the shop.
- Overall measurements: 23.625"H x 23.05"D x 23.06"W. Useable depth: 20", allowing partial extension of equipment into backbox.
- Load capacity 150 lbs.
- Backbox: 5.80"D with keyhole mounting slots on 16" centers, 10" x 10" opening to mount over electrical pull boxes, 1/4-20 ground stud, embossed dimples on back plane for installation of board-mounted accessories, removable knock-out panels on top/bottom, and 2 keyed side locks (keyed differently than optional front door)
- Front Mounting Section: 17.06"D with fully gusseted corners and triple formed (side-to-bottom/side-to-top) wrap design mounts to backbox from the inside with 2 heavy duty spring-loaded L-pins (self seating, positive locking). Pins can be moved to change swing orientation. Strength equivalent to 3/16" thick steel. Welded sides have vents and notches to accommodate optional single fan kit. Beveled front corners. Front vents (top and bottom of frame). Four knockouts for wireless antennas on rack top and bottom. One pair adjustable mounting rails, tapped 10-32 (recessed 0.625"). Integral top/bottom rails on E.I.A. spacing for mounting or lacing. **NOTE: Minimum clearance to allow the mounting section to swing open 90 degrees is 17.26 inches, plus an additional inch for the optional front door. The mounting section can actually swing open greater than 90 degrees if additional room is provided.** Roller closure keeps mounting section closed without mandatory locking.
- E.I.A. compliant, UL 2416 Listed
- Made in U.S.A. with 100% certified U.S. steel.
- Pilot Point screws (captive washers)

### A&E Specifications

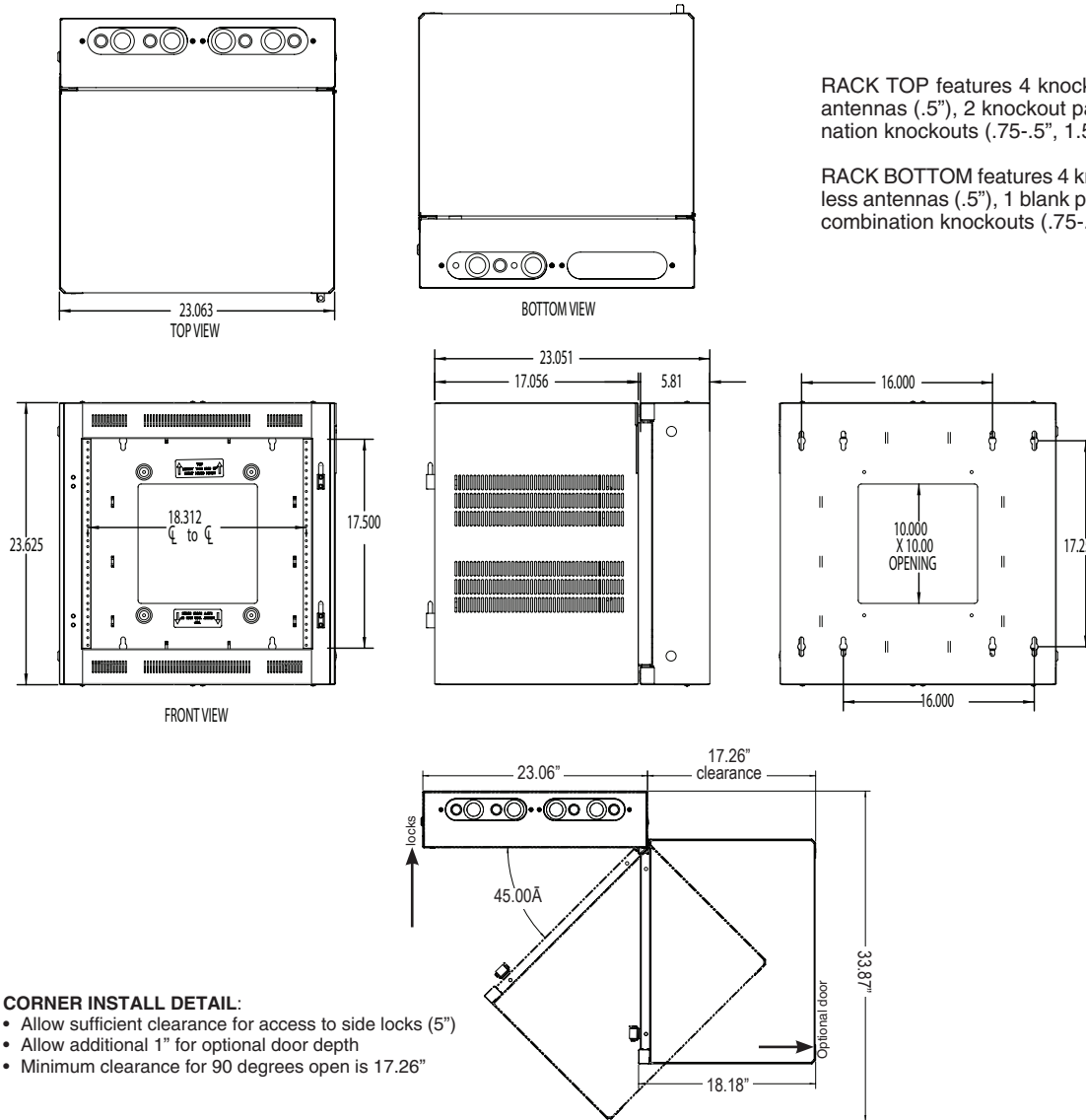
The E.I.A. compliant, UL2416 listed, welded sectional wall rack shall be Lowell Model No. LWR-1023, which shall consist of a backbox and mounting section made in the U.S.A. from 16 gauge certified U.S. steel. Overall measurements shall be 23.625"H x 23.05"D x 23.06"W (10U racking space). The mounting section shall be 17.06"D with triple formed side-to-bottom, side-to-top wrapped construction to achieve strength equivalent to 3/16" thick steel. It shall include side



vents, one pair adjustable mounting rails tapped 10-32 (with mounting hardware), four knockouts for antennas (top and bottom), and integral rails on E.I.A. spacing (top and bottom). The mounting section shall attach to the backbox on the inside with two heavy duty, spring-loaded L-pins (self seating, positive locking), which can be attached on either side to alter swing orientation. The backbox shall be 5.80"D with keyhole mounting slots on 16" centers, 10" x 10" rear opening, embossed dimples and lacing points on the back plane, knockout panels with combination knockouts (.75-.5", 1.5-1") on top and bottom, and two keyed side locks. The rack shall have a black wrinkle powder epoxy finish.

## Technical Drawings

Measurements are inches.



RACK TOP features 4 knockouts for wireless antennas (.5"), 2 knockout panels with combination knockouts (.75-.5", 1.5-1.")

RACK BOTTOM features 4 knockouts for wireless antennas (.5"), 1 blank panel, 1 panel with combination knockouts (.75-.5", 1.5-1.")

### CORNER INSTALL DETAIL:

- Allow sufficient clearance for access to side locks (5")
- Allow additional 1" for optional door depth
- Minimum clearance for 90 degrees open is 17.26"

### Options (order separately)

- Front Door (surface-mount): Solid steel, fully-vented steel, or smoked plexiglass mounts left or right. (LFD Series)
- Mounting Rails: sold in pairs (RRD-10)
- Single Fan Kit: Single whisper fan is ideal for spot cooling (FW1-KIT)

### Model No. Summary

Model No.	Description	Racking Space	Usable Depth	Overall Depth	Overall Height	Overall Width
LWR-1023	Sectional wall rack	17.5" / 445mm / 10U	20" / 508mm	23.05" / 585mm	23.625" / 600mm	23.06" / 586mm
LFD-10	Solid steel front door					
LFD-10FV	Fully vented front door					
LFD-10P	Smoked plexiglass front door					
RRD-10	Mounting rails (10U, 1pr)					
FW1-KIT	Single fan kit					

One rack unit (RU or U) = 1.75" or 44.45mm