

Model No.

# LFR-4427



## • 44U x 27"D x 23.06"W

The most economical cost-efficient rack in its class, the LFR provides solid support for electronics with added flexibility for rear-mounted equipment and accessories.

### Construction & Features

- **Frame:** Fully welded 16-ga. steel with 14-ga. base, reinforced at load-bearing junctions. Overall height is 83.125". Useable depth is 24.25".
- **Front:** Open front with beveled corners and vents above and below main opening. Clearance from rails to outside frame (flush) is 1.75." A surface-mount front door is available as an option (pg. 3).
- **Rear Door:** Includes recessed rear door with vents and key lock.
- **Open Top:** The 7U opening includes rails tapped 10-32 and can be closed using the two solid steel panels included as shipping stiffeners. Optional 19"W accessories can also be mounted here.
- **Open Base:** Includes grounding stud and center opening for cable entry. Readily accepts optional mobile base, stationary base, leg levelers, or anchor bolts (not included).
- **Welded Side Panels:** Vents at top and bottom.
- **Mounting Rails:** Includes 1 pr. fixed position front mounting rails tapped 10-32 with printed rack unit increments for quick set-up. Rear brackets accommodate optional rear rails (adjustable).
- **Cable Management:** Combination knockouts above and below rear door.
- **Thermal Management:** Vents on rack top, side panels and rear door will accept optional single fan kit or rear door fan panel. (pg. 3)
- **UL Listed (UL2416):** Load capacity 2000 lbs.
- **Compliance:** EIA/TIA compliant
- **Finish:** Black wrinkle powder epoxy
- **Hardware** Pilot Point screws with captive washers.
- **Origin:** Made in the USA

**Options** (order separately)

Pg. 3

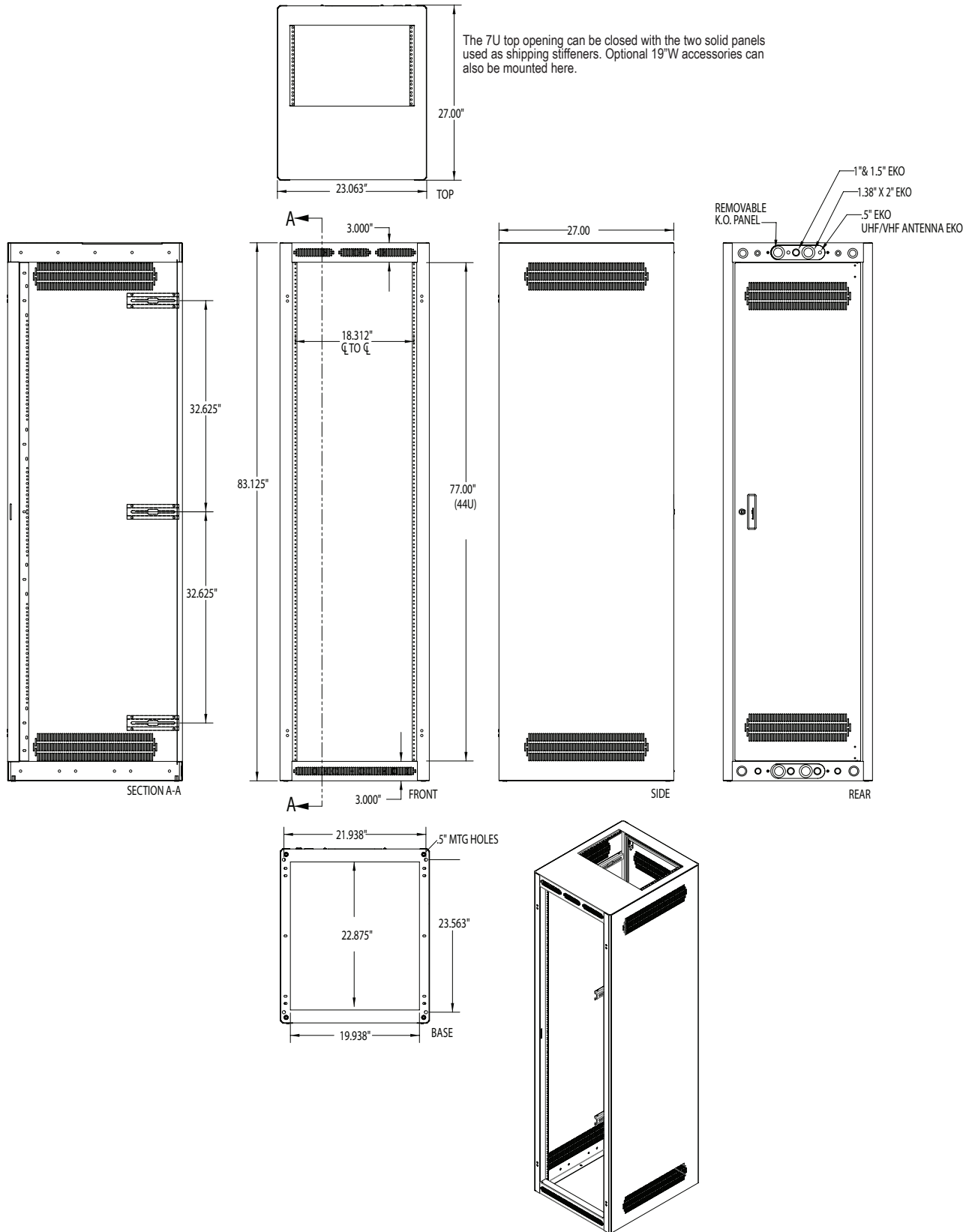


The LFR features 8" brackets in the rear to mount optional rails, vertical cable managers or power strips,

### A&E Specifications

The stand alone floor rack shall be Lowell Model No. LFR-4427. Overall measurements shall be 83.125"H x 27"D x 23.06"W with panel space of 44 rack units. Load capacity shall be 2000 lbs. The rack shall include a recessed rear door with vents and key lock, welded side panels with vents, 7U top opening that can be closed with the included shipping stiffener panels, open base with grounding stud, one pair fixed-position front mounting rails with printed RU increments, combination knockouts above and below rear door, and provisions to mount optional rear rails or optional surface-mount front door. The rack shall be manufactured in the U.S.A. with certified U.S. steel and have a black wrinkle powder epoxy finish.

## Technical Drawings



## 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.

**Mobile Base (LMB-27):** Mobile base mounts inside rack frame providing a floor flush to bottom rack space. Increases rack height 1.25". Center opening. Non-locking swivel casters, load rating 1400 lbs.

**Stationary Base (LSB-27):** Mounts inside rack frame creating a floor that's flush with bottom rack space to support heavy equipment mounted in lowest rack position. Does not increase rack height. Center opening. **(LSSB-27):** Shallow base provides sub-floor 2.25" below bottom rack space, creating a recessed area for accessory devices. Center opening.

**Rear Rails (RRD-44):** 44U rails tapped 10-32 can be adjusted to mount anywhere along 8" support brackets (1 pr)

**Rear Door Fan Panel (FW2-RD):** Mounts to vents in rear door or side panels. Includes two whisper fans with standard cord. **(FW2-RDT):** Cord has built-in thermostat.

## Model No. Summary

Model No.	Description	Panel Space	Overall Height	Overall Width	Overall Depth	Useable Depth
LFR-4427	Fixed-rail rack	44U	83.125"	23.06"	27.00"	24.25"
LFD-44	Solid front door					
LFD-44P	Smoked plexiglass front door					
LFD-44FV	Fully vented front door					
LMB-27	Mobile base					
LSB-27	Stationary base					
LSSB-27	Shallow stationary base					
RRD-44	Adjustable rear rails (1 pr, 44U)					
FW2-RD	Rear door fan panel (2 whisper fans, standard cord)					
FW2-RDT	Rear door fan panel (2 whisper fans, thermostat in cord)					

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