

Model No.

LFR-2422



• 24U x 22"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 48.125". Useable depth is 19.25".
- **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.
- **Closed Top:** Features two vents to mount optional single fan kit (pg. 3).
- **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 500 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

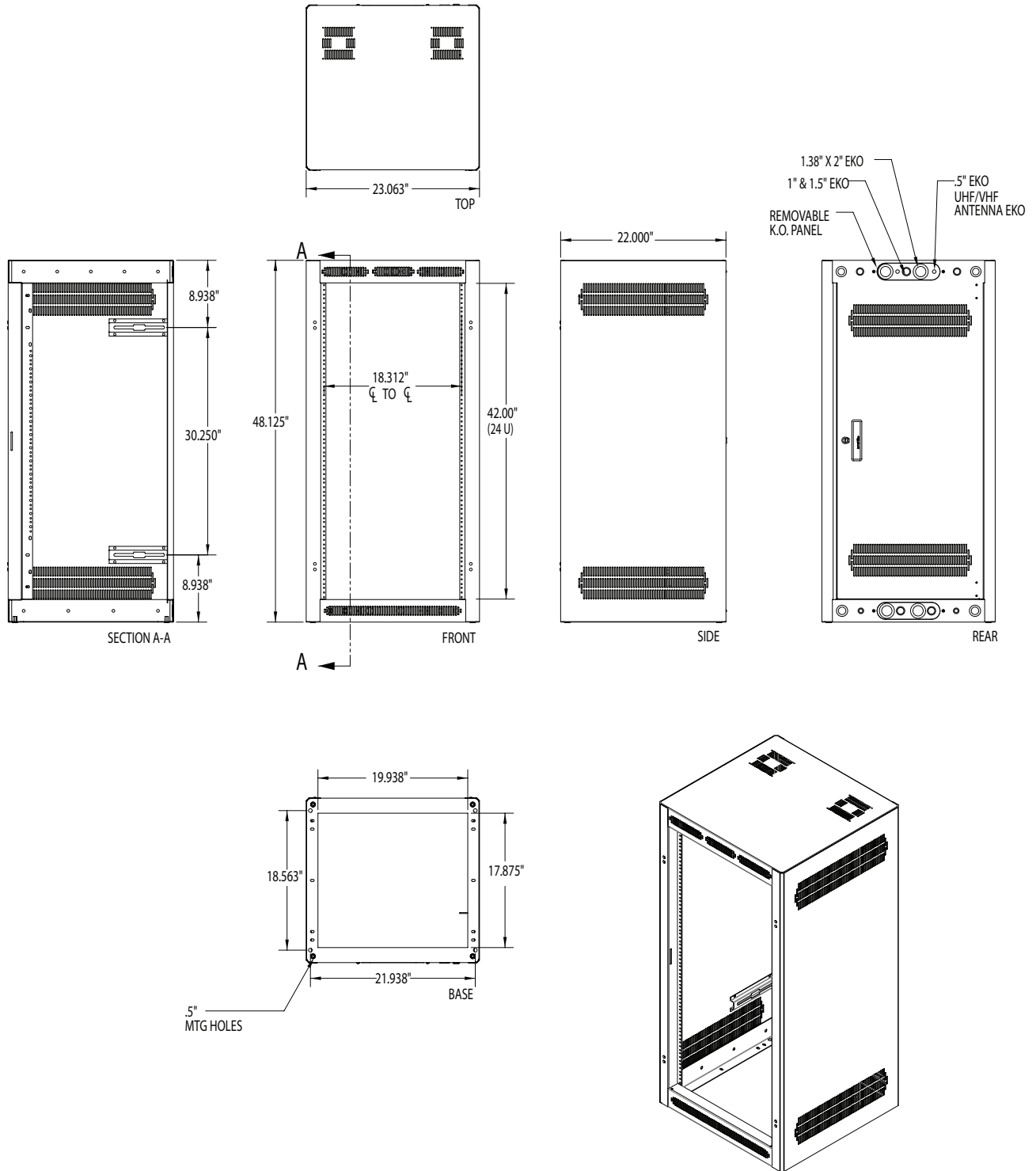


The LFR features 8" brackets in the rear to mount optional rails, vertical cable managers or power strips,

A&E Specifications

The stand alone floor rack shall be Lowell Model No. LFR-2422. Overall measurements shall be 48.125"H x 22"D x 23.06"W with panel space of 24 rack units. Load capacity shall be 500 lbs. The rack shall include a recessed rear door with vents and key lock, welded side panels with vents, closed top with vents, 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 (LMSB-22): Shallow cart mounts inside rack frame providing a floor flush to bottom rack space. Increases rack height 4.062". Center opening. Swivel casters, 2 locking — load rating 1400 lbs.

Stationary Base (LSB-22): 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-22):** Shallow base provides sub-floor 2.25" below bottom rack space, creating a recessed area for accessory devices. Center opening.

Rear Rails (RRD-24): 24U 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.

Single Fan Kit (FW1-KIT): Whisper fan mounts to vents in rear door, side panels or rack top. Standard cord. **(FW1-KITT):** Cord with built-in thermostat.

Model No. Summary

| <i>Model No.</i> | <i>Description</i> | <i>Panel Space</i> | <i>Overall Height</i> | <i>Overall Width</i> | <i>Overall Depth</i> | <i>Useable Depth</i> |
|------------------|--|--------------------|-----------------------|----------------------|----------------------|----------------------|
| LFR-2422 | Fixed-rail rack | 24U | 48.125" | 23.06" | 22.00" | 19.25" |
| LFD-24 | Solid front door | | | | | |
| LFD-24P | Smoked plexiglass front door | | | | | |
| LFD-24FV | Fully vented front door | | | | | |
| LMSB-22 | Shallow mobile base | | | | | |
| LSB-22 | Stationary base | | | | | |
| LSSB-22 | Shallow stationary base | | | | | |
| RRD-24 | Adjustable rear rails (1 pr, 24U) | | | | | |
| FW2-RD | Rear door fan panel (2 whisper fans, standard cord) | | | | | |
| FW2-RDT | Rear door fan panel (2 whisper fans, thermostat in cord) | | | | | |
| FW1-KIT | Single fan kit (1 whisper fan, standard cord) | | | | | |
| FW1-KITT | Single fan kit (1 whisper fan, thermostat in cord) | | | | | |

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