

Model No. DAT24-4242-B is pictured.

# DAT31-4548-B

## Data / IT Infrastructure Rack

Overall Width:	31.50 inches [mm]
Panel Space:	45U
Rack Height:	85.25 inches [2165.35 mm] without casters
Overall Depth:	48.00 inches [1219.20 mm]
Load Capacity:	3150 lbs. [1428.81 kg]
Finish:	Black textured powder epoxy finish (White available on request, No. DAT31-4548-W)



FULLY WELDED DATA / IT INFRASTRUCTURE RACK features certified U.S. steel, a 16-gauge frame with 16-gauge base reinforced at load-bearing junctions for robust support. The 31.5-inch wide rack is ideally suited to networking applications and features a black textured powder epoxy finish.

## FEATURES



High-flow vented rear door split for easy access



Snap-in brush panels for top cable entry



Vertical panels for cable management or PDU



Mounting rails with square punched holes and printed RU guide



Depth markings aid panel placement

**CONSTRUCTION:** Fully-welded steel frame with black textured powder epoxy finish. (White textured finish available on request.)

**FRONT DOOR:** High-flow vented front door with locking swing handle.

**REAR DOOR:** High-flow vented rear door, split vertically, requires minimum aisle space to open. Includes locking swing handle.

**SIDE PANELS:** Solid steel side panels can be locked or removed for access. Panels are split for easier maneuverability.

**TOP:** Top panel features snap-in brush panels for cable management.

**BASE:**

- Two 10-32 threaded grounding studs
- 3/8"-16 threaded T-nuts
- Anchor brackets used in shipping can also be used to anchor rack to floor.
- Four non-locking swivel casters add 1.92 inches to rack height.
- Four leg levelers

**BLANK PANELS:** 19-inch panels, included as shipping stiffeners, can serve as blank filler panels.

**CABLE MANAGEMENT:** Two vertical panels are provided for cable management or to mount a PDU.

**HARDWARE:** 12-24 screws with cage nut hardware (pilot point).

**RACK RAILS:** Two pair of rack rails with square holes punched on E.I.A. spacing feature printed rack unit increments to aid set-up. Support channels along interior sides of rack are numbered for accurate positioning of rails when moved deeper into the rack.

**COMPLIANCE:**

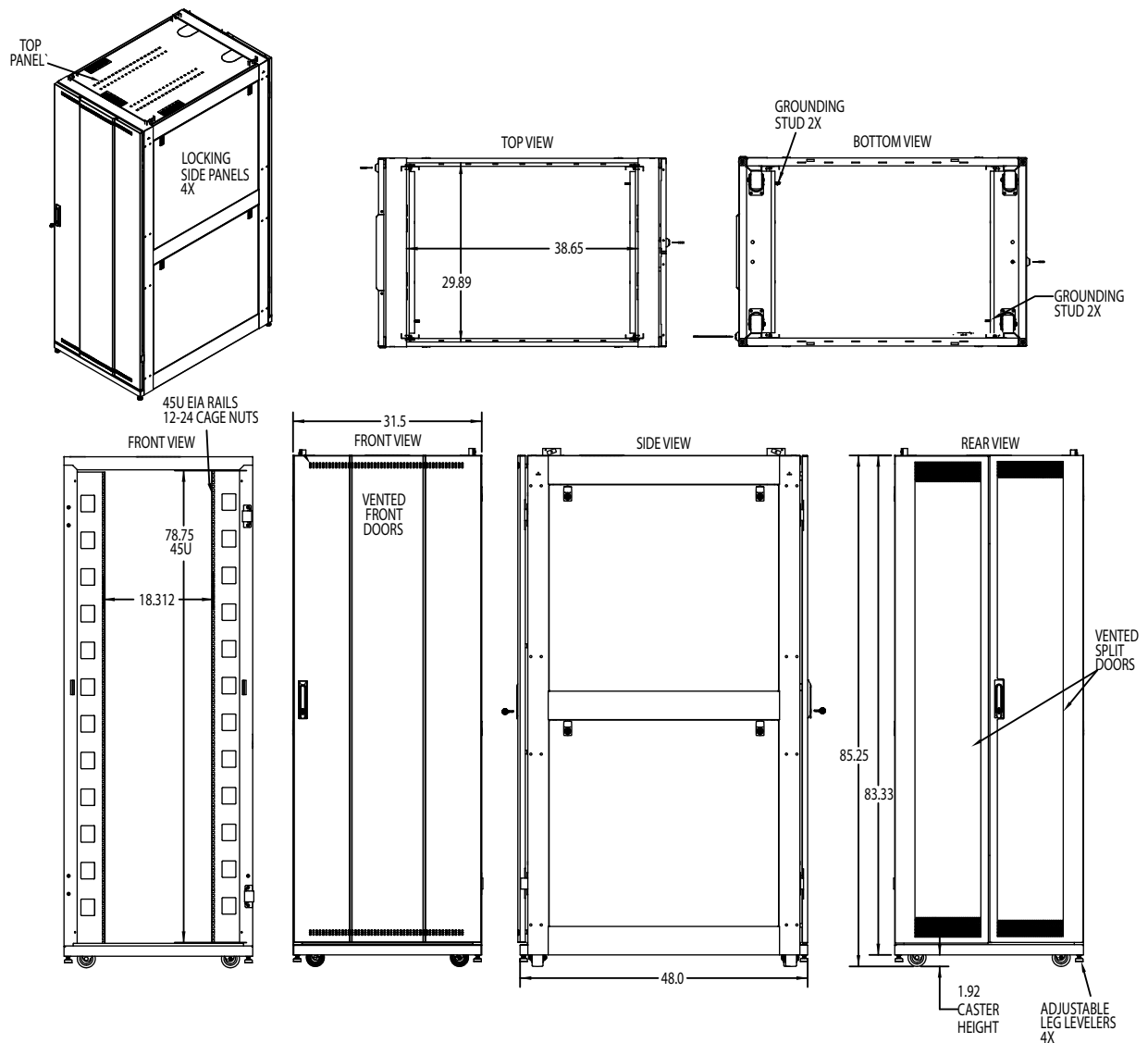
- EIA/TIA compliant
- Made in U.S.A.
- Certified U.S. steel

## A&E SPECIFICATIONS

The EIA/TIA compliant data rack shall be Lowell model DAT31-4548-B with overall dimensions of 31.5"W x 85.25"H x 48"D and panel space of 45 rack units. Rack construction shall be fully welded certified U.S. steel with 16-gauge frame and 16-gauge base reinforced at load-bearing junctions, with black textured powder epoxy finish. Solid steel side panels shall be lockable and removable. The rack shall include a vented split rear door and vented front door, each with a locking handle. The rack shall feature a top opening with removable brush panel. The open base shall include a grounding stud, threaded T-nuts, and anchoring brackets. The rack shall include two pairs of adjustable 11-gauge steel rails with square holes and printed rack unit increments. The hardware package shall include 12-24 screws with cage nut hardware, non-locking swivel casters and leg levelers.

## TECHNICAL DRAWINGS

*Dimensions: inches unless stated otherwise.*



## DAT31 SERIES MODEL SUMMARY

Model No.	Overall Width inches [mm]	Rack Units	Overall Depth inches [mm]	Rack Height* inches [mm]	Top	Adjustable Rails	Front Door	Rear Door	Swivel Casters	Leg Levelers	Load Capacity lbs [kg]	Color
DAT31-4236-B	31.50" [800]	42 U	36.00" [914.40]	78.10" [1983.74]	Brush Panel	2 pr	Full	Split	4	4	3150 lbs [1428]	Black
DAT31-4536-B	31.50" [800]	45 U	36.00" [914.40]	85.25" [2165.35]	Brush Panel	2 pr	Full	Split	4	4	3150 lbs [1428]	Black
DAT31-4242-B	31.50" [800]	42 U	42.00" [1066.80]	78.10" [1983.74]	Brush Panel	2 pr	Full	Split	4	4	3150 lbs [1428]	Black
DAT31-4542-B	31.50" [800]	45 U	42.00" [1066.80]	85.25" [2165.35]	Brush Panel	2 pr	Full	Split	4	4	3150 lbs [1428]	Black
DAT31-4842-B	31.50" [800]	48 U	42.00" [1066.80]	90.50" [2298.70]	Brush Panel	2 pr	Full	Split	4	4	3150 lbs [1428]	Black
DAT31-4248-B	31.50" [800]	42 U	48.00" [1219.20]	78.10" [1983.74]	Brush Panel	2 pr	Full	Split	4	4	3150 lbs [1428]	Black
DAT31-4548-B	31.50" [800]	45 U	48.00" [1219.20]	85.25" [2165.35]	Brush Panel	2 pr	Full	Split	4	4	3150 lbs [1428]	Black
DAT31-4848-B	31.50" [800]	48 U	48.00" [1219.20]	90.50" [2298.70]	Brush Panel	2 pr	Full	Split	4	4	3150 lbs [1428]	Black

\* Rack height without casters. Add 1.92" for overall height with casters.

## EXPLODED VIEW

