

DAT31F-4848-B

Data / IT Infrastructure Rack Frame

Overall Width:	31.50 inches [800 mm]
Panel Space:	48U
Rack Height:	90.50 inches [2298.70 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. DAT31F-4848-W)



FULLY WELDED DATA / IT INFRASTRUCTURE RACK FRAME features certified U.S. steel — 16-gauge frame with 16-gauge base reinforced at load-bearing junctions for robust support. This 24-inch wide rack is ideally suited to networking applications and features a black textured powder epoxy finish.

FEATURES

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

OPEN TOP: Large opening in top for unobstructed access. An optional top may be added.

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



Vertical panels for cable management or PDU



Mounting rails with square punched holes and printed RU guide



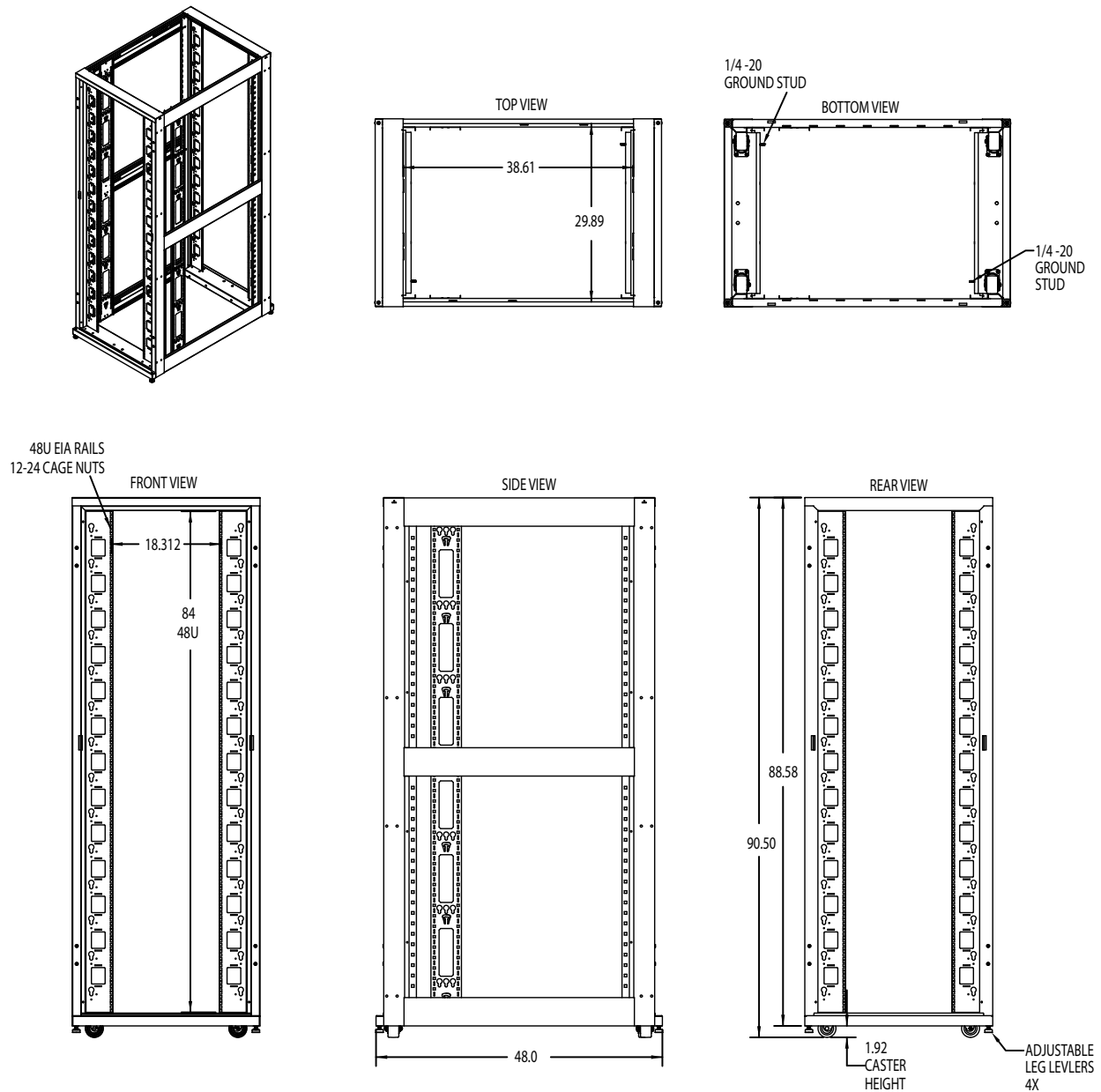
Depth markings aid panel placement

A&E SPECIFICATIONS

The EIA/TIA compliant open frame data rack shall be Lowell model DAT31F-4848-B with overall dimensions of 31.5"W x 90.50"H x 48"D and panel space of 48 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. The rack shall feature an open top. The open base shall include grounding studs, 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.



DAT31F 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
DAT31F-4236-B	31.50" [800]	42 U	36.00" [914.40]	78.10" [1983.74]	Open	2 pr	---	---	4	4	3150 lbs [1428]	Black
DAT31F-4536-B	31.50" [800]	45 U	36.00" [914.40]	85.25" [2165.35]	Open	2 pr	---	---	4	4	3150 lbs [1428]	Black
DAT31F-4242-B	31.50" [800]	42 U	42.00" [1066.80]	78.10" [1983.74]	Open	2 pr	---	---	4	4	3150 lbs [1428]	Black
DAT31F-4542-B	31.50" [800]	45 U	42.00" [1066.80]	85.25" [2165.35]	Open	2 pr	---	---	4	4	3150 lbs [1428]	Black
DAT31F-4842-B	31.50" [800]	48 U	42.00" [1066.80]	90.50" [2298.70]	Open	2 pr	---	---	4	4	3150 lbs [1428]	Black
DAT31F-4248-B	31.50" [800]	42 U	48.00" [1219.20]	78.10" [1983.74]	Open	2 pr	---	---	4	4	3150 lbs [1428]	Black
DAT31F-4548-B	31.50" [800]	45 U	48.00" [1219.20]	85.25" [2165.35]	Open	2 pr	---	---	4	4	3150 lbs [1428]	Black
DAT31F-4848-B	31.50" [800]	48 U	48.00" [1219.20]	90.50" [2298.70]	Open	2 pr	---	---	4	4	3150 lbs [1428]	Black

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