DLCustom High performance Thermal and Airflow Management Cabinets

FRONT

DL Custom 30" W Cabinet

- DL Custom Cabinets are best-in-class, with integrated PDU, cable, and thermal management into a versatile solution.
- DL Custom Cabinets are engineered with cabinet side airflow baffle panel to eliminate recirculation of hot air.

- Fully passive solution that provides a higher volume of cold air pathways to switch intakes.
- DL Custom Cabinets include a progression of server cabinets designed to balance the thermal load of your equipment, ensuring optimum performance and service life.
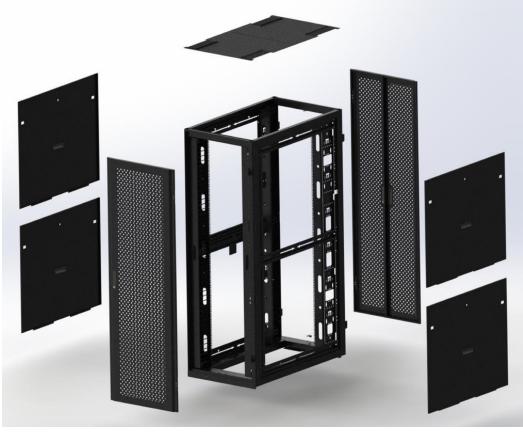
Features

- Fully perforated front and split perforated rear door with combo locks.
- Horizontally split locking side panels for easy access
- Customizable sizes to meet your specifications.
- Rear adjustable VCM'S (two) included with PDU mounts.
- Square hole mounting rails - adjustable front and rear – 2 pairs with RU marking
- 2 vertical front adjustable cable managers with doors finger style
- 10 Cable Spools (5 per VCM)
- Side Airflow baffle panels on each side of the cabinet
- Top Airflow baffle panel
- 2 set of split side panel
- Grounding kit and baying hardware included.
- Removal top with cable entry / exit with brush grommets
- Welded grounding kit: top and bottom.
- Adjustable levelers & heavy-duty casters - Standard
- Bolt down brackets
- Pack of 40 M6 cage nuts and screws
- Shipped fully assembled.
- Full range of optional accessories are available.
- 10-year warranty

Grounding

- Welded grounding kit: top and bottom.

Anchorage and leveling

- Easy-to-access levelers for ease of installation and pads to protect floors.
- Anchor bracket kits easily install on front and rear of frame.

Frame

- Fully Welded; symmetrical design construction with 11 GA Canadian Steel.
- 3000 lbs. static loading to handle a full load of servers.

Doors

- Lift off perforated doors quick release. Easy on and off.
- Field reversible. 180° of rotation.
- Ground wire and locks included.
- High-flow full door with maximum perforation area ensures no blockage in equipment mounting space.
- Swing handle with combination key lock is standard.

Side panels

- Perforated side panels are half height for easy handling.
- Easy on/off locking solid side panels.

Top panel

- Removable top with cable entry / exit and brush in front of panel.

Adjustable mounting rails

- Fully adjustable front to rear.
- 19" EIA rack-mount width
- Square-punched mounting rails with RU markings for fast equipment installation

Integrated Cable Management

- VCM's are included with every cabinet.
- Uses the managers to route cables or mount power strips.
- In addition, the top and bottom panels include integrated cable entry/exit points.

Thermal management

- Air seal gasketing installed in front.
- Air baffle panel with installed rubber grommet seals the space between the equipment mounting rails and the cabinet.

Airflow management

- The overall maximum volumetric flowrate of the DL Series Cabinets is within the range of 400-420 SCFM.
- Rated for 95% leak proof.

Paint/Finish

- Textured Glacier White powder coating
- Black and other color options.

Compliance and certifications

- UL 60950-1 and CSABottom of Form
- Static Load Rating - 3000 lbs.

Preconfigured Part #	Depth	Overall Height	Rack Space
DL423830-19K1	42"	44 3/4"	22
DL427330-19K1	42"	80"	42
DL427730-19K1	42"	83 1/4"	44
DL428430-19K1	42"	90"	48
DL483830-19K1	48"	44 3/4"	22
DL487330-19K1	48"	80"	42
DL487730-19K1	48"	83 1/4"	44
DL488430-19K1	48"	90"	48