DLCustom High performance Thermal and Airflow Management Cabinets

- DL Custom Cabinets are best-in-class, with integrating complete power, cable and thermal management into a versatile solution.
- DL Custom Cabinets are engineered to eliminate recirculation of hot air and direct the hot air through the cabinet side airflow baffle panel.

- Fully passive solution that provides a higher volume of cold air pathways to switch intakes with ventilation rate of 96%
- 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

- Perforated or solid locking Front and Rear door with ventilation rate of approx. 96%
- Horizontally split locking side panels for easy access
- Customizable sizes to meet your specifications
- Rear VCM'S (two) included *** Tool Less PDU'S
- Square hole mounting rails - adjustable front and rear – 2 pairs with RU marking
- 2 vertical front adjustable cable managers with removable doors finger style – 5" D
- 10 Cable Spools (5 per VCM)
- Side Airflow baffle panels on each side of the cabinet
- Top Airflow baffle panel
- 1 set of Split divider panel
- 2*4" wide rear vertical ladder with provision for Tool Less PDU'S
- 1 Vertical Grounding bar Full Height
- Grounding kit and baying hardware included
- Removal top with cable entry / exit with brush grommets
- Welded Dual Lugs top and base of cabinet
- 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

- Auto-bonding for ease of grounding on Frame, Doors and side panels

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

- Welded & bolted; symmetrical design construction
- 3000 lbs. static loading to handle a full load of servers

Doors

- Lift off doors quick release. Easy on and off.
- Field reversible. 140° 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 key lock is standard

Side panels

- 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 grommets.
- Configurable options

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.

Airflow management

In air-cooled data center and enterprise computer rooms, one of the most cost-effective methods of reducing cooling costs implementing disciplined airflow management practices to isolate and separate hot and cold air within the room.

- Eliminates hot spots
- Increase return air temperatures
- Increases the life and performance of your equipment resulting in higher ROI

Paint/Finish

- Textured Glacier White powder coating
- Textured Black powder coating

Compliance and certifications

- UL 60950-1 and CSA
- Static Load Rating - 3000 lbs. [1364 kg.]