

PolarCab™



Enclosures



Cabinet Profile

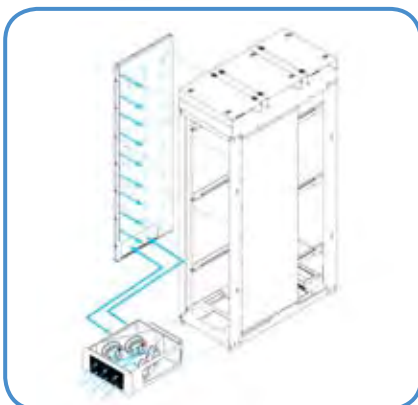
e-Systems Group introduces its first cooling enclosure platform known as PolarCab to address IT requirements for high-density equipment configurations and blade server applications. Based on a patent-pending design and an elegant approach to maximizing the performance of your cabinet, PolarCab is one of the most advanced air-cooled cabinets in the industry.

PolarCab Selection Criteria

- Patent-pending design effectively combines conditioned air and room ambient air to evenly distribute cold airflow to all user equipment and a reduction of exhausted heat to the data center
- High-performance 4-fan system generates 1648 CFM without consuming vertical rack-mount space
- Space-efficient cabinet footprint of 24" wide x 48" deep to correspond to standard floor tile dimensions
- Minimize cabinet hot spots and hot air recycling
- Pre-configured unit is ready for installation to existing room environment with minimal or no infrastructure impact
- Cabinet includes sealed cable entry point and dedicated power supplies to operate the integrated fan system
- To learn about the performance of PolarCab, please contact us for a copy of our White Paper

PolarCab Specs-at-a-Glance (inches)

- Overall dimensions: 84x24x48
- Internal RMU: 35
- Maximum rail depth: 36.75
- Load capacity (static): 1500-lbs
- Load capacity (dynamic): 1200-lbs
- Frame material: 12-ga CRS
- Frame construction: welded/bolted
- Vertical rails: adjustable, numbered U positions, CRS steel
- Service doors: perforated, quick-release, reversible, lockable
- Side panels: solid



This illustration details the airflow distribution of conditioned computer room air to the specialized low profile steel-constructed airflow ducts; from here, cooled air is evenly distributed into the air intakes of equipment.



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