



APPLICATIONS

- New Data Center Build
- Data Center Retrofit or Expansion
- High-Density Zone
- Infrastructure Upgrade and Hardening
- Remote Office Support
- Cell Tower Replacement
- Offsite Data Replication
- Disaster Recovery
- Business Continuity

SAVINGS

CapEx

- Reduce the costs to plan, build, and implement your new facility by up to 80% vs. a Traditional Data Center (TDC)

OpEx

- Reduce footprint up to 75% vs TDC
- Patented closed loop cooling dramatically reduces cooling costs up to 80% and electrical costs up to 50%
- Product can be moved by a pallet jack or forklift - reduce costs to relocate your facility up to 50%
- Reduce overall operating costs up to 65%

Time

- Enclosures can be designed, built, fully populated, and delivered within 8 weeks compared to 2 years for a TDC

R.A.S.E.R.

Relocatable Adaptive Suspension Equipment Rack

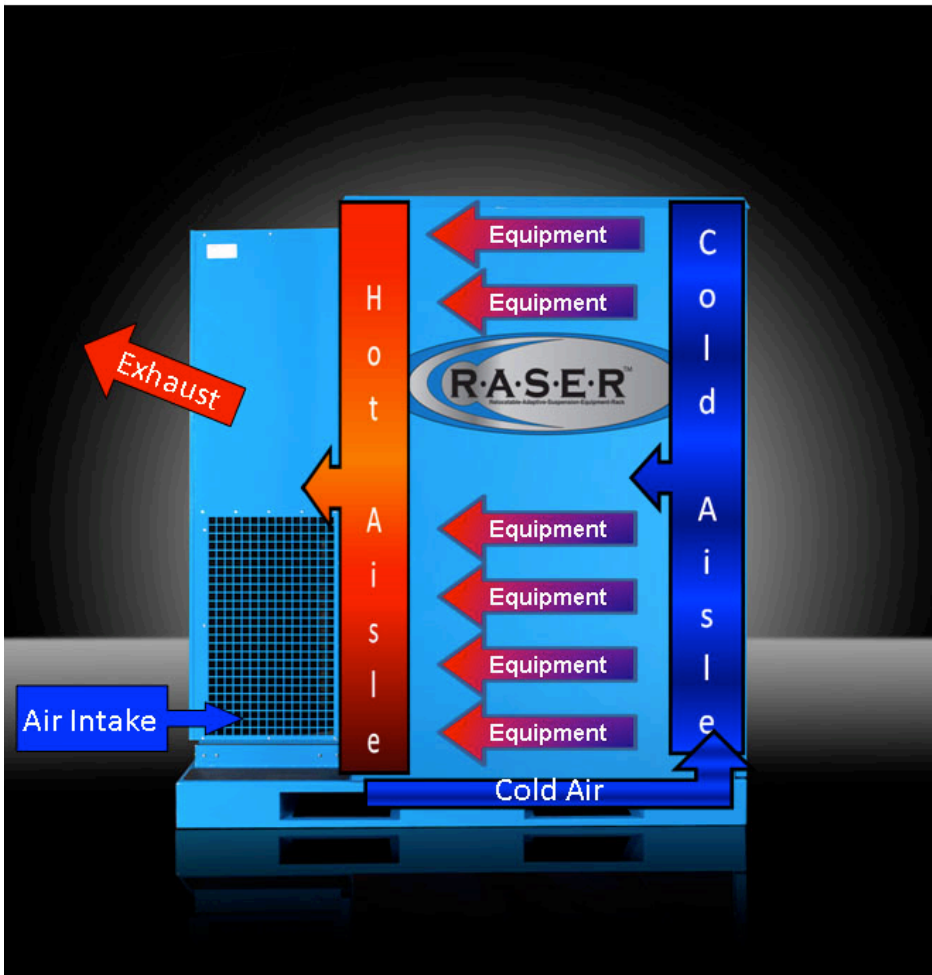
R.A.S.E.R. is a full-height (42U) vendor neutral, high-density, self-contained data center enclosure, which provides 12KW and up to 16 KW of closed loop cooling directly to the equipment.

Customers can add units or groups of units as their requirements increase providing a perfectly scalable and cost-effective IT solution.



R.A.S.E.R.

Relocatable Adaptive Suspension Equipment Rack



EMS's patented closed loop cooling provides containment of the hot and cold aisle so the cooling is applied directly to the equipment.

Technical Specifications:

Dimensions.....	83" tall x 30" wide x 75" long*
Weight.....	1,400 lbs*
Dynamic Load Capacity.....	1,500 lbs*
Operational Temperature	- 40° to 131° F*
High Density Equipment Capacity.....	36U
Low Density (Network) Equipment Capacity.....	6U
Total Equipment Capacity.....	12 KW (AC) Standard 16 KW (Water-Cooled)

* depending upon upgrade options selected

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Product Features

- Built-in closed loop cooling can support 12KW of IT air cooled or 16KW of water cooled
- Exterior steel welded and sealed panels provide superior strength and create a NEMA 4R enclosure that protects equipment from the elements
- Industry standard 19" wide X 42" deep racks are fully adjustable
- Dual power inlets for Tier IV capacity
- Sound dampening 65 dB = indoor conversation

Optional Upgrades

- Mission critical venting system
- EMI Shielding
- Pressure equalization valve w/humidity indicator
- Programmable Cyberlock security system with multi-tier security and audit trail
- Aerogel 16R nano-particle insulation
- Active suspension system protects equipment from shock, vibration and motion
- Fire Trace active fire suppression w/Novek 1230