



## APPLICATIONS

- New Data Center Build
- Data Center Retrofit or Expansion
- Cloud Computing
- High-Density Zone
- Infrastructure Upgrade and Hardening
- Remote Office Support
- 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
- Reduce cooling and electrical costs up to 50%
- Product can be moved by a pallet jack or forklift - reduce costs to relocate your facility by up to 50%
- Reduce overall operating costs up to 65%

### Time

- Enclosures can be delivered within 8 weeks compared to 2 years for a TDC

# R.A.S.E.R. DX

## Relocatable Adaptive Suspension Equipment Rack

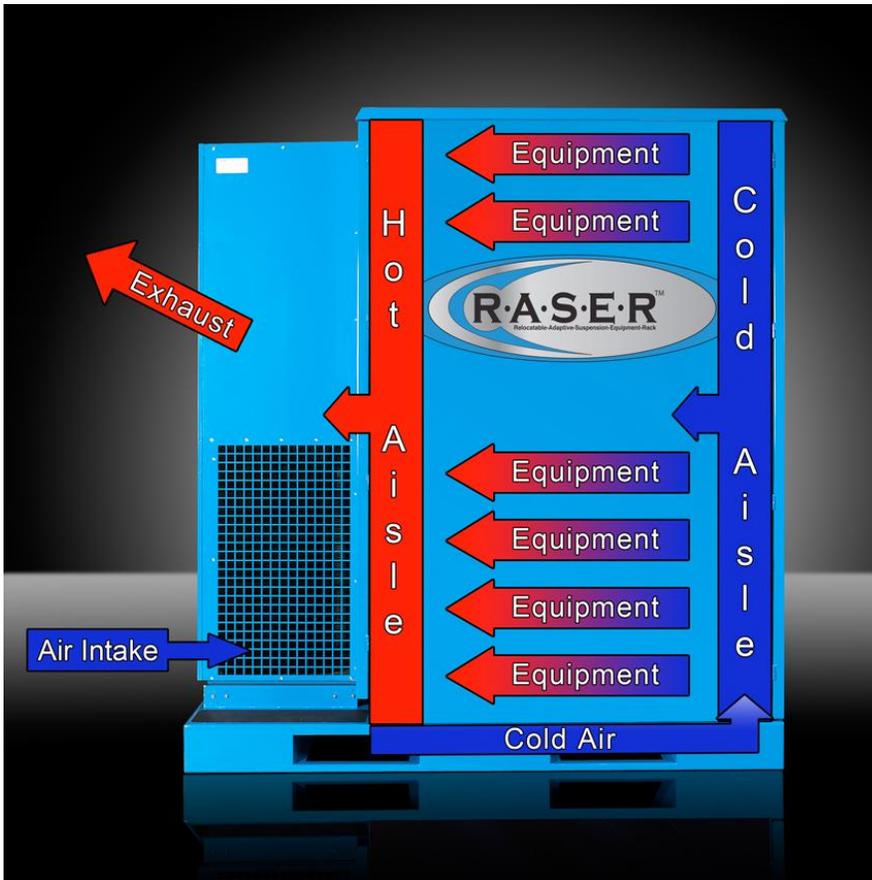
R.A.S.E.R. DX is a 42U, NEMA 3R Micro-Modular Data Center™ that provides 12 kW of closed loop cooling directly to the equipment

These enclosures can fully replace the building shell of a traditional data center. Customers can add single units or groups of units as their requirements increase providing a perfectly flexible, scalable and cost-effective IT solution.



# R.A.S.E.R. DX

Relocatable Adaptive Suspension Equipment Rack



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

## Technical Specifications:

Dimensions..... 83" tall x 30" wide x 75" long\*  
Weight..... 1,050 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/40,945 BTU (A/C) Standard

\* depending upon upgrade options selected

### A/C Power Options:

Standard - 208-240 VAC 50/60 Hz  
Optional - 460 VAC 50/60 Hz



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## Product Features

- Built-in closed loop cooling can support 12 kW of IT
- NEMA 3R enclosure provides superior strength that protects equipment from the elements
- Industry standard 19" wide x 42" deep racks that are fully adjustable
- Rapidly deployable and easily re-locatable
- Available with blue or black powder coating
- 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
- Active fire suppression Novec 1230