



## w-MetroMono



figure 1: w-MetroMono

w-MetroMono™ (see figure 1) is a 42U Modular and Mobile Data Center. It is a NEMA 4 solution that provides 12KW (air cooled) or 16 KW (water cooled) of closed loop cooling directly to the equipment (see figure 3). 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.

### Key Features

- Mission critical venting available
- Exterior welded steel shell and frame provides a rigid support allowing an equipment load of up to 1,500 lbs.
- Welded and sealed panels provide superior strength and create a NEMA 4 enclosure that protects equipment from the elements

- Industry standard 19" wide X 42" deep racks are fully adjustable for depth
- Environmental network monitoring available

### Product Features

- Built-in closed loop cooling can support 12KW of IT air cooled or 16KW water cooled
- NEMA 4 enclosure provides superior strength that protects equipment from the elements; NEMA 3R enclosure option provides cost-effective entry solution
- Industry standard 19" wide X 42" deep racks that are fully adjustable
- Dual power inlets for Tier IV capacity
- Sound dampening 65 dB = indoor conversation

### CapEx Savings

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

### OpEx Savings

- Reduce footprint up to 75% vs TDC
- Reduce cooling and electrical cost 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 Savings

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



figure 2: Integrated electronic security

## 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 (see figure 2)
- Aerogel 16R nano-particle insulation
- Active suspension system protects equipment from shock, vibration and motion
- Active fire suppression Novek 1230

## 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

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 (AC) Standard; 16 KW (Water-Cooled)
Standard	208-240 VAC 50/60 Hz
Optional	460 VAC 50/60 Hz
* depending upon upgrade options selected	

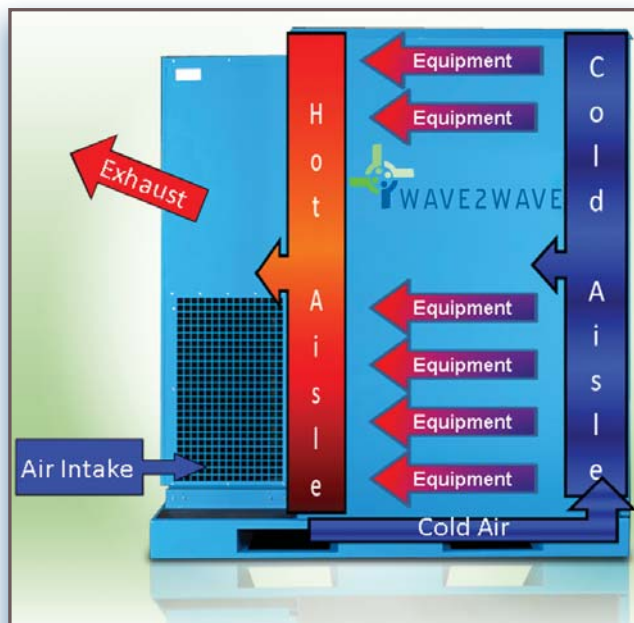


figure 3: Onboard Closed Loop Cooling

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