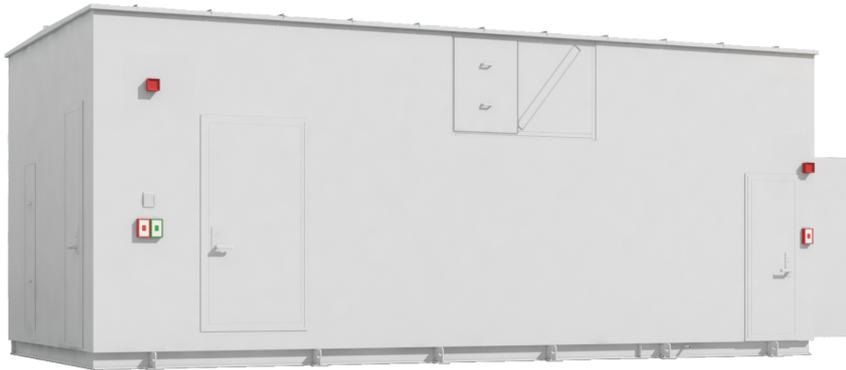


VEM-150

Capable of supporting 150 kW of IT equipment, the VEM-150 is slightly larger than a standard cargo container and has six 36 kW high-density racks that can support up to 24 individual tenants with locking and isolation mechanisms on every quarter rack. The VEM-150 exists in a few locations, but has been replaced by the VEM-180 for new deployments.



Technical Specifications

Vapor Edge Module (VEM-150) Specifications	
Physical Dimensions	30' (9.14m) (length) 12'6" (3.81m) (width) 12'6" (3.81m) (height)
Base Structure	8" steel channel construction, slab or pier mountable; removable lifting lugs and seismic anchor points; integrated floor drains in each section.
Casing and Finish	2" thick double-wall insulated construction with 16 ga G90 exterior paneling and 20 ga interior paneling; frame Gray Polyester TGHIC powder coated finish, ASTM-B117 salt spray resistance 1,000 hrs.
NEMA Rating	NEMA 6 (IP66) outdoor construction for 24/7/365 outdoor use.
Lighting	Motion activated LED interior and exterior lighting; zero visible light emitted from exterior in normal operation; occupancy sensors located in each interior space with hold-on switches.



Estimated Shipping Weight and Rigging	42,000 lbs (19,000kg), 8 Point (4 per side) lifting configuration.
Shipping Configuration	Ships without UPS batteries and with all protruding exterior items removed such as pull stations, lighting, sound attenuators, etc.
Mechanical Cooling Power Connection	480V 3Ph 60Hz
IT Equipment Power Connection	480V 3Ph 60Hz (315A MCA/350A Input Breaker)
IT Equipment Capacity	165 kW critical IT load @ 110°F Ambient; 1 full Vapor Chamber, 6 Wedge Racks at 36 RU each, supporting up to 24 separate tenants.
Supply Air	19,500 CFM @ 72°F (25°F ?T Target)
UPS	Eaton 93PM 150 kVA, 480V 3ph Input – 120/208V 3ph Output
Fire System	Johnson Controls addressable Fire Panel; Vesda fire detection located within return air plenum in IT space; Thermotech 194 °F heat detector in mechanical space; sapphire gaseous suppression.
Security System	Vapor IO-developed security panel; 7 360-degree high-resolution weatherproof POE cameras, 4 along each exterior wall, 3 located in each interior space; electrified panic hardware (exterior) and magnetic lock (interior) controlled via Vapor IO-developed security panel; 3 weatherproof NFC compatible access control readers, one per door; magnetic door position switches at each access door as well as each maintenance hatch/door.