

Patch Panels / Racks

Patch Panels / Racks Tutorial

What are racks, enclosures and patch panels?

Racks, enclosures and patch panels are typically constructed of steel, sheet metal and plastic and are used to secure and organize cables and communications equipment in a data center.

How are racks, enclosures and patch panels used?

Patch panels are screwed in to the racks and enclosures. Patch panels are populated with couplers and adapters of various types which allow connection points for patch cables.

Where are racks, enclosures and patch panels used?

Racks, enclosures and patch panels are mostly used in data closets and larger data centers and are used by commercial business, governments, the military and many other industries.

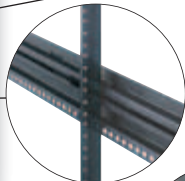
Rack and Enclosure Construction



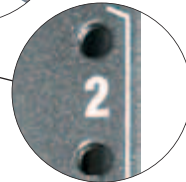
Metal Hinge allows users to mount the door without removing equipment



Standard Solid Rear Door features a spring loaded latch to keep door closed



Rear Rack Rail is adjustable to fit specific equipment needs



10-32 threaded rack rail features numbered rackspace increments to speed equipment loading



Seismic Rated to Uniform Building Code Zone 4 for up to 1,000 lbs (454.5kg) of equipment when installed with WRK-Z4 Mounting Bracket



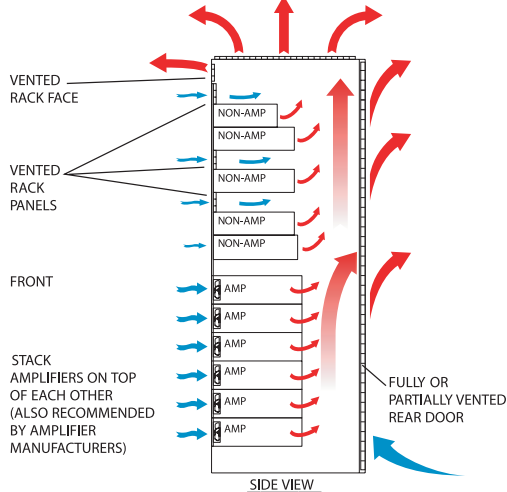
Enclosures are UL Listed with a weight capacity of up to 2,500 lbs (1136.4kg)



The racks and enclosures manufactured by Middle Atlantic Products have been designed specifically to address both the needs of the equipment that is being mounted, as well as to address any limitations or restrictions of the jobsite. In addition, these racks are contractor-friendly and have been designed with many essential time-saving features.

Thermal Management Best Practices

PROPER PASSIVE CONVECTION
with front-intakes on equipment



PROPER FORCED AIR
with front-intakes on equipment

