R4 Series
four post open frame racks

- Four post design accepts mounting of deeper, heavier components than two post open frame racks
- Robust design provides an 800 lb. weight capacity
- Rack gangs to additional four post or two post open frame racks
- Available with cage nut style or 12-24 threaded rackrail
- Versatile rack base configures outward for increased stability or inward to conserve floor space
- Ready-to-assemble construction allows easy set up and inexpensive shipping
- Includes 100 qty. mounting hardware

features:

EIA compliant 19” four post open frame rack shall be Middle Atlantic Products model # R4__ (refer to chart). Overall dimensions of rack shall be __ H x __ W x __ D with __ useable rackspaces (refer to chart). Rack shall ship unassembled. Rack shall provide a UL listed load capacity of 800 lbs. Rack shall accept equipment mounting using __ (cage nut style, 12-24 threaded) hardware (refer to chart). Rackrail shall be 14-gauge steel for cage nut rail, 3/16” thick extruded aluminum for 12-24 threaded rail. Top, middle and bottom side brackets shall be 14-gauge steel. Base angles shall be 14-gauge steel and shall mount outward for increased stability or inward to conserve floor space. Rack shall be finished in a durable black powder coat. Open top shall accept mounting of optional cable ladder. Rack shall feature zero-U mounting capabilities for optional cable lacing strips, vertical power strips and cable ducts. R4 rack shall be UL listed in the US and Canada. R4 shall be GREENGUARD Gold Certified. R4 shall be manufactured by an ISO 9001 and ISO 14001 registered company. Four post open frame rack shall be warranted to be free from defects in material or workmanship under normal use and conditions for the lifetime of the product.

specifications:

- Removable keylocked split side panels shall be model # SPN-R4-xy (x = # of rackspaces) (y = useable depth in inches: 24, 30, 36)
- Vertical cable duct with pre-installed cable grommets and standard front door shall be model # VCD-___-SC for single duct and VCD-___-DC for dual duct design (refer to chart)
- Additional rail kit for R412 models, sold in pairs with hardware included shall be R412-RRx for 12-24 threaded rail(x = # of rackspaces)
- Cage nut Z-Rail adapter for R4CN models shall be model # PRO-R4CN-ZRAx (x = # of rackspaces)
- Additional cage nut rail kit for R4CN models, sold in pairs with hardware included shall be PROR4CN-RRx for cage nut rail (x = # of rackspaces)
- Vertical lacer bars, shall be model # LACE-x, please see middleatlantic.com for styles available
- Vertical power strips, shall be model # PDT-x, please see middleatlantic.com for styles available

options:

Customizable specification clips available at middleatlantic.com

what great systems are built on.™
R4 Series
basic dimensions - cage nut mounting only

all dimensions in inches unless otherwise noted [all dimensions in brackets are in millimeters]

<table>
<thead>
<tr>
<th>Part #</th>
<th>A Overall Height</th>
<th>B Useable Height</th>
<th>C Overall Depth</th>
<th>D Base Angles Inward</th>
<th>E Useable Depth</th>
<th>G Base Outward</th>
<th>H Base Outward</th>
<th>E Useable Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>R4CN-5130B</td>
<td>96.47 [2450]</td>
<td>91.00 [2311]</td>
<td>42.00 [1067]</td>
<td>30.31 [774]</td>
<td>36.00 [914]</td>
<td>22.31 [567]</td>
<td>30.00 [762]</td>
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<tr>
<td>R4CN-4530B</td>
<td>84.22 [2139]</td>
<td>78.75 [2000]</td>
<td>42.00 [1067]</td>
<td>30.31 [774]</td>
<td>36.00 [914]</td>
<td>22.31 [567]</td>
<td>30.00 [762]</td>
<td></td>
</tr>
</tbody>
</table>
R4 Series
basic dimensions - 12-24 mounting only

all dimensions in inches unless otherwise noted (all dimensions in brackets are in millimeters)

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Part # | A Overall Height | B Useable Height | Overall Depth | Mounting Holes |
--- | --- | --- | --- | --- |
| | | | C Base Angles Outward | D Base Angles Inward | G Base Outward | H Base Outward | E Useable Depth |
R412-5130B | 96.47 [2450] | 91.00 [2311] (52 rackspaces) | 42.00 [1067] | 30.31 [770] | 38.00 [965] | 22.31 [567] | 30.00 [762] |

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what great systems are built on.
VCD Series
basic dimensions

all dimensions in inches unless otherwise noted (all dimensions in brackets are in millimeters)

top view

side view
(front door open)

front view
(front door open)

cable holders positioned in rack space increments

protective cable grommets

ganging holes

VCD Series Single

<table>
<thead>
<tr>
<th>VCD Series</th>
<th>A Height</th>
<th>B Width</th>
</tr>
</thead>
<tbody>
<tr>
<td>VCD-6-51-SC</td>
<td>95.98 [2438]</td>
<td>6.00 [152]</td>
</tr>
<tr>
<td>VCD-10-51-SC</td>
<td>95.98 [2438]</td>
<td>10.00 [254]</td>
</tr>
<tr>
<td>VCD-6-45-SC</td>
<td>83.73 [2127]</td>
<td>6.00 [152]</td>
</tr>
<tr>
<td>VCD-10-45-SC</td>
<td>83.73 [2127]</td>
<td>10.00 [254]</td>
</tr>
</tbody>
</table>

dual duct
top view

side view
(front door open)

front view
(front door open)
cable holders positioned in rack space increments
ganging holes

VCD Series Dual

<table>
<thead>
<tr>
<th>VCD Series</th>
<th>A Height</th>
<th>B Width</th>
</tr>
</thead>
<tbody>
<tr>
<td>VCD-6-45-DC</td>
<td>83.73 [2127]</td>
<td>6.10 [155]</td>
</tr>
</tbody>
</table>

what great systems are built on.