


Middle Atlantic Products

EXCEPTIONAL SUPPORT & PROTECTION™

BRK/MBRK/OBRK/RK/SRK/OSR Laminate Racks


EIA/TIA Compliant

The BRK/MBRK/OBRK/RK/SRK/OSR Series 19" Equipment Racks

Features

- High quality equipment rack features an oak, maple or black wood grain finish
- 5/8" or 3/4" furniture grade MDF board construction (depending on model)
- Four depths available to accommodate any permanent installation
- Assembles easily with included hardware
- Rear access panel available for 22" and 28" deep models



RK/BRK/MBRK



SRK



OBRK



OSR

Architects' and Engineers' Specifications

RK/BRK/OBRK/MBRK

EIA compliant Wooden Studio Rack shall be Middle Atlantic Products model # RK (refer to chart). RK shall have useable rackspaces with a overall height (refer to chart). RK shall have a depth. Studio rack shall be constructed of furniture grade MDF board and shall feature a high quality wood grain laminate finish (refer to chart). Rackrail shall be equipped with one set of 11-gauge steel with tapped 10-32 holes in universal EIA spacing (2 sets included for racks with 22" and 28" depths). Assembly hardware shall be 1/4 turn bolts with 1/4 turn cams for MBRK, 22" and 28" deep racks. Other models use joint connector screws. Studio rack shall be rated to lb. weight capacity. Studio Rack shall be GREENGUARD Indoor Air Quality Certified for Children and Schools. Studio Rack shall be RoHS EU Directive 2002/95/EC compliant. Studio rack shall be manufactured by an ISO 9001 and ISO 14001 registered company. Studio rack shall be warranted to be free from defects in material or workmanship under normal use and conditions for a period of 7 years.

SRK

EIA compliant Sloped Rolling Equipment Rack shall be Middle Atlantic Products model # SRK. Equipment rack shall provide a 16 rackspace lower bay and an upper 12 rackspace bay sloped back at a 25° angle. SRK shall be constructed of 5/8" furniture grade MDF board and shall feature a high quality black wood grain laminate finish. Pre-installed rackrail shall be 11-gauge steel with tapped 10-32 holes in universal EIA spacing. Assembly hardware shall be 2-1/4" joint connector screws. A hex key shall be included for assembly. Black plastic screw caps shall snap into place to cover the included hardware. Studio rack shall be rated to 200 lb. weight capacity. Studio rack includes four pre-installed casters. Studio rack shall be rated to 200 lb. weight capacity. Studio Rack shall be GREENGUARD Indoor Air Quality Certified for Children and Schools. Studio Rack shall be RoHS EU Directive 2002/95/EC compliant. Studio rack shall be manufactured by an ISO 9001 and ISO 14001 registered company. Studio rack shall be warranted to be free from defects in material or workmanship under normal use and conditions for a period of 7 years.

OSR

EIA compliant Sloped Rolling Equipment Rack shall be Middle Atlantic Products model # OSR- (refer to chart). Equipment rack shall provide a rackspaces (refer to chart) sloped at ° (refer to chart). OSR shall be constructed of 3/4" furniture grade MDF board and shall feature a high quality Oak laminate finish. Pre-installed rackrail shall be 11-gauge steel with tapped 10-32 holes in universal EIA spacing. Assembly hardware shall be 2-1/4" joint connector screws. A hex key shall be included for assembly. Black plastic screw caps shall snap into place to cover the included hardware. Studio rack shall be rated to 200 lb. weight capacity. Studio rack includes four pre-installed casters. Studio Rack shall be GREENGUARD Indoor Air Quality Certified for Children and Schools. Studio Rack shall be RoHS EU Directive 2002/95/EC compliant. Studio rack shall be manufactured by an ISO 9001 and ISO 14001 registered company. Studio rack shall be warranted to be free from defects in material or workmanship under normal use and conditions for a period of 7 years.

OPTIONS (OBRK, BRK and RK)

- Set of four casters shall be model # RKW. RKW shall have a 150 lb. weight capacity.
- Set of 4 heavy duty casters shall be model # RKW-HD. RKW-HD shall have a weight capacity of 250 lbs.
- Additional set of rear rackrail, shall be model # RK-RRX (X = total # of rackspaces)

OPTIONS

- Smoked glass front door shall be model # RK-GD (6, 8, 10, 12, 14, 16, 20, 28) for rackspace (M), (O), (B) RK rack
- Quick-Position™ shelf with built-in cable management slots shall be model # SH-BRK. Shelf mounts without rackrail for OBRK/BRK and MBRK-18" depth and accepts horizontal mounting of PD-815SC or PD-815SC-NS power strip

OPTIONS (BRK, MBRK 22" and 28" DEPTHS)

- Rear access panel shall be Middle Atlantic Products model # (refer to chart). Rear access panel shall have an overall height of (refer to chart). Rear access panel shall include a 2-space top vented panel and a 2-space cable management panel.
- Fan kit shall be Middle Atlantic Products model # DCFANKIT-4 (110V), or IDC FANKIT-4 (220V). Fans shall displace 100 CFM of free air and replaces vented panel on rear access panel. Fan kit works with rear access panel.

CUSTOMIZABLE SPECIFICATION CLIPS AVAILABLE AT MIDDLEATLANTIC.COM

Technical drawing of a 10-32 threaded rail assembly, showing dimensions in inches [millimeters].

Front View (Top):

- Overall width: 54.60 [1387]
- Overall height: 28.00 [711] (16 SPACES)
- Internal width: 21.00 [533] (12 SPACES)
- Internal height: 19.13 [486]
- Bottom flange width: 6.50 [165]
- Bottom flange height: 20.38 [518]
- Bottom flange thickness: 3.00 [76]
- Bottom flange hole diameter: 10-32

Side View (Bottom):

- Overall length: 51.90 [1318]
- Overall height: 6.75 [171]
- Internal length: 31.75 [806]
- Internal height: 16.00 [406]
- Internal angle: 25°

Detail View (Right):

- 0.50 [13] RAIL SETBACK
- 21.00 [533] (12 SPACES)

NOTE: 10-32 THREADED RAILS

Technical drawing of the rear of a 19-inch rack, showing dimensions and features. The drawing includes a side view and a rear view.

Side View Dimensions:

- A:** Total width of the rack.
- B:** Width of the main rack body.
- C:** Total depth of the rack.
- 17.78 [452]:** Depth of the main rack body.
- 19.13 [486]:** Depth of the rear panel.

Side View Labels:

- rackrail pilot holes allow setback of .50 [13] or 1.50 [38]
- rear rackrail pilot holes setback of .50 [13] and 1.50 [38] for use with optional rear rail kit RK-RRXX
- cutaway to show location of rackrail

Rear View Dimensions:

- D:** Total width of the rear panel.
- E:** Total depth of the rear panel.

Rear View Labels:

- 2 space top vented panel
- rear access panel
- 2 space cable management panel

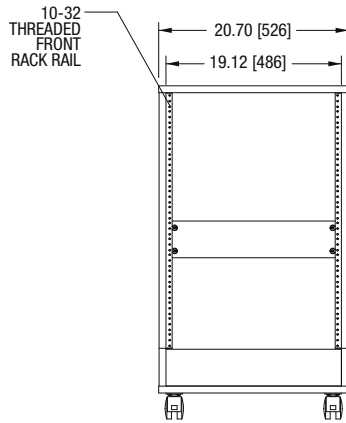
All dimensions in inches [Bracketed dimensions in millimeters]

RR and BRK (18" depths) racks are constructed of 5/8" furniture grade MDF board construction. BKK (22" and 28" depths), MBRK and OBRK racks are constructed of 3/4" furniture grade, MDE board construction.

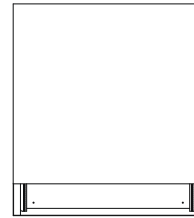


OSR basic dimensions

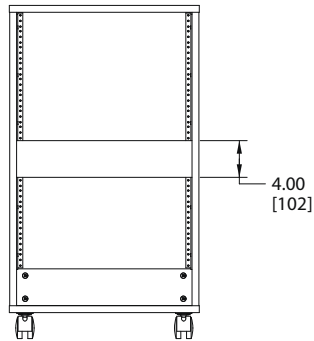
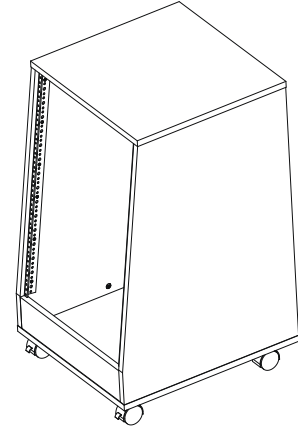
All dimensions in inches [Bracketed dimensions in millimeters]



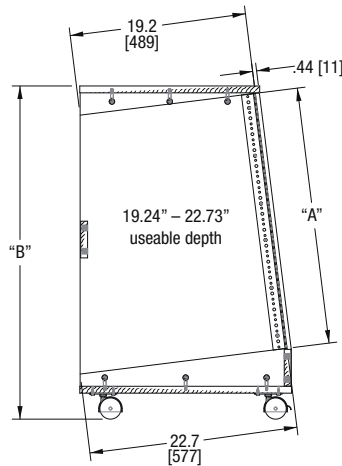
FRONT VIEW



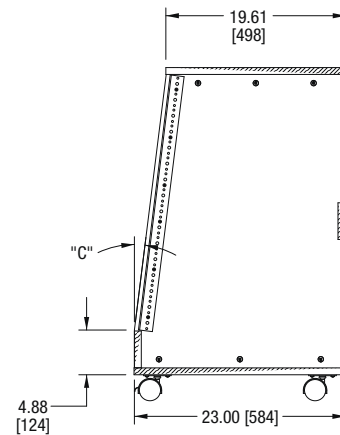
TOP VIEW



REAR VIEW



LEFT SIDE VIEW



RIGHT SIDE VIEW

Model Number	Racking Height	"A"	"B" Overall Height	"C" Angle
OSR-16	16 Space	28.00 [711]	36.37 [924]	7°
OSR-24	24 Space	42.00 [1067]	50.37 [1279]	5°

