



200 Series Cabinets

19" Wide Stand-Alone Floor Cabinet with Adjustable Rails, UL Listed



244-18

Applications

Atlas 200 Series of floor cabinets are a flexible solution to house equipment for Government, Military, Commercial and Residential applications. These cabinets are commonly used to house Communications equipment, Audio Video equipment, Computer equipment, Broadcast equipment, Security systems, CCTV equipment, IT equipment, Industrial systems, and Building Management Systems.

Features

- UL2416 Listed
- Five Model Heights Available
- 18½", 25½", and 30" Depths Available
- Locking Rear Door Offers Right- or Left-Hand Hinging Capability
- Up to 6RU (or Combinations to 6RU) Panel Opening in Top Offers Wiring Convenience or Fan Panel Cooling with Optional EFP Series Fan Kits
- Open Base Facilitates Wiring to Conduit or Below Floor Raceways
- Functional 3RU Blank Panel (5¼") Provided
- Manufactured to E.I.A. Standards
- Includes Perforated Front, Rear and Side Vents for Heat Dissipation
- Pre-drilled to accept M-1A cabinet mount IR repeater

In The Box

- Base, Top Panel, Side Panels, and Rear Door, Fully Assembled
- Welded 16-gauge Cold Rolled Steel (CRS) Construction
- Includes One Pair of Front "Fully Adjustable" rack rails made from 12-Gauge CRS with Hash Marks to Denote RU Increments
- Rack rails utilize "drop-in" feature for mounting in cabinet
- Vented Top, Base, Sides, and Rear Door
- Removable Left/Right Rear Door with Lock
- 18 Conduit Knockouts

Optional

- Solid, Perforated, or Plexiglas Front Door
- RR Series Rack Rails
- Drawers, Shelves, Fans, and Accessories
- Caster Kits
- Lacing Bars and Bus Bars

General Description

The 200 Series Cabinets are available in 18½", 25½", & 30" deep, 22-5/16" wide, and available in five different RU heights, 21RU, 24RU, 35RU, 40RU and 44RU. (Refer to the charts on following pages for exact dimensions and model numbers.) The 200 Series Cabinets are welded 16-gauge CRS and assembled for immediate use.

Rear doors are hung with quick-release spring hinges which allow them to be rotated 180° for right- or left-hand opening. See charts on following pages for appropriate Optional front door model numbers. If front door is ordered, it will be keyed differently than the rear door for security.

The 200 Series Cabinet line offers several installer-friendly advantages, including a 6RU standard panel width opening in the cabinet top and conduit arrays. The top opening can be left open for wire access and/or ventilation or closed using 2 standard 5¼" (3RU) panels. Top opening is also perfect for installing EFP Series fan. Conduit arrays are located on the top and bottom surface panels, as well as the top and bottom back flanges. Flange arrays consist of five knockouts, three 1" (25 mm) standard, and two, ½" (13mm) ¾" (19mm) concentric. Surface arrays are comprised of 4 knockouts: two 1" (25mm) standard knockouts and two ½" (13mm) ¾" (19mm) concentric.

Cabinets include one pair of front-to-rear adjustable mounting rails tapped 10-32. Channel slides provide adjustment (four per side on 44RU & 40RU models, three per side on 35RU models, and two per side on 24RU and 21RU models. Rails are standard E.I.A. 5/8"-5/8"-½" spacing.

Stamped, perforated vents are located on front, sides and rear door to allow for maximum air convection.

Cabinet surface is phosphate pre-treated for proper paint adhesion. Standard finish is textured black epoxy.

Architect & Engineer Specifications

Floor cabinet shall be Atlas Sound Model _____ (200 Series). Rack shall be UL Listed 2416 constructed of 16-gauge CRS throughout. It shall have ½" (13mm) and ¾" (19mm) concentric conduit knockouts and 1" standard knockouts on the top and bottom panels, and top and bottom rear flanges. Unit shall be vented for natural air convection. Rear door shall be supported by spring hinges and be positioned for (right- or left-hand) hinging. Door shall be equipped with a flush door pull and cylinder lock. Cabinet shall have one pair of adjustable rails made of 12-gauge CRS with 10–32 tapped holes on E.I.A. universal spacing.

Overall cabinet dimension shall be _____; panel space dimension shall be _____, _____ units. Unit shall have 86.42 in² of open ventilation. Optional RCK-____ Caster Kit available.

If ordering front door, add: Unit shall be used in conjunction with Atlas Racks solid front door Model SFD-_____, perforated steel Model MPFD-_____, or Plexiglas door Model PFD-_____. Front doors shall be hung on quick-release hinges for (right, left)-hand hinging and include a flush door pull and cylinder lock keyed differently than the rear door.

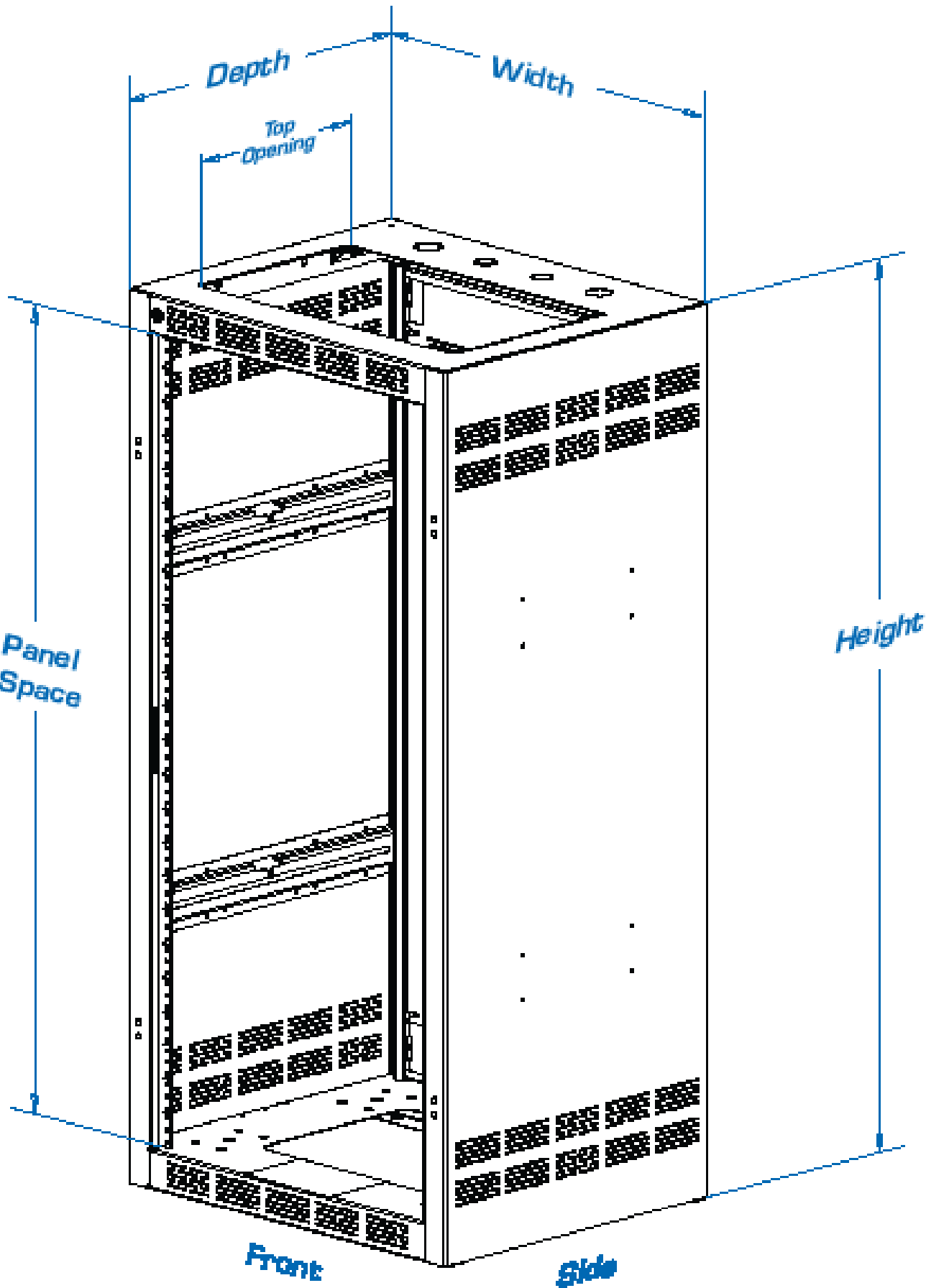
Specification Friendly Text

1. Stand Alone Floor Cabinet – Stand Alone Floor cabinet shall be a metal cabinet with adjustable rack rails used to secure rack mount equipment. Cabinet shall be capable of being mounted to the floor. Cabinet shall:
 - a. Be (21RU, 24RU, 35RU, 40RU or 44RU) High opening for equipment mounting.
 - b. Be (18½", 25½", 30") deep with 19" wide E.I.A. Adjustable front 12-gauge rack rails for mounting equipment.
 - c. Includes rear locking door with left or right hand hinging
 - d. Provide perforated top, side and bottom flanges on cabinet for heat dissipation.
 - e. Be 16-gauge welded metal Cold Roll Steel (CRS) frame.
 - f. Include Optional Solid, Plexiglas or Perforated Front locking door capable of right or left hand mounting
 - g. Include wire isolation/conduit holes located top and bottom of cabinet.
 - h. Manufacturer Atlas Sound (221-18, 224-18, 235-18, 240-18, 244-18, 221-25, 224-25, 235-25, 240-25, 244-25, 221-30, 224-30, 235-30, 240-30, 244-30) with SFD, MPFD, or PFD Series Front Door.

| 200 Series - 18½" Deep | | | | | | |
|------------------------|---------------------------------------|-----------------|------------------|------------------|------------------|------------------|
| Model | | 221-18 | 224-18 | 235-18 | 240-18 | 244-18 |
| Rack Units | | 21RU | 24RU | 35RU | 40RU | 44RU |
| Outside Dimensions | Height | 41" (1041mm) | 46¼" (1175mm) | 65½" (1664mm) | 74¼" (1886mm) | 81¼" (2064mm) |
| | Width | 22⅝" (567mm) | 22⅝" (567mm) | 22⅝" (567mm) | 22⅝" (567mm) | 22⅝" (567mm) |
| | Depth | 18½" (470mm) | 18½" (470mm) | 18½" (470mm) | 18½" (470mm) | 18½" (470mm) |
| Panel Space | | 36⅞" (937mm) | 42⅞" (1070mm) | 61⅞" (1559mm) | 70⅞" (1781mm) | 77⅞" (1959mm) |
| Top Opening | | 6RU | 6RU | 6RU | 6RU | 6RU |
| Front Doors | Plexiglass | PFD21 | PFD24 | PFD35 | PFD40 | PFD44 |
| | "Micro-Perf" Front Door 1" Deep | MPFD21 | MPFD24 | MPFD35 | MPFD40 | MPFD44 |
| | "Micro-Perf" Front Door 3" Deep | MPFD21-3 | MPFD24-3 | MPFD35-3 | N/A | N/A |
| | Solid Front Door | SFD21 | SFD24 | SFD35 | SFD40 | SFD44 |
| Rear Doors | | Included | Included | Included | Included | Included |
| Extra Rear Rack Rails | | RR21 | RR24 | RR35 | RR40 | RR44 |
| Caster Kit | | RCK-18 | RCK-18 | RCK-18 | RCK-18 | RCK-18 |
| Roller Truck | | CT1020-962 | CT1020-962 | CT1020-962 | CT1020-962 | CT1020-962 |
| Lacing Bars | LRS | ✓ | ✓ | ✓ | ✓ | ✓ |
| | LR4 | ✓ | ✓ | ✓ | ✓ | ✓ |
| Bus Bars | | BBG-5036 | BBG-5042 | BBG-5061 | BBG-5070 | BBG-5077 |

| 200 Series - 25½" Deep | | | | | | |
|------------------------|---------------------------------------|-----------------|------------------|------------------|------------------|------------------|
| Model | | 221-25 | 224-25 | 235-25 | 240-25 | 244-25 |
| Rack Units | | 21RU | 24RU | 35RU | 40RU | 44RU |
| Outside Dimensions | Height | 41" (1041mm) | 46¼" (1175mm) | 65½" (1664mm) | 74¼" (1886mm) | 81¼" (2064mm) |
| | Width | 22⅝" (567mm) | 22⅝" (567mm) | 22⅝" (567mm) | 22⅝" (567mm) | 22⅝" (567mm) |
| | Depth | 25½" (648mm) | 25½" (648mm) | 25½" (648mm) | 25½" (648mm) | 25½" (648mm) |
| Panel Space | | 36⅞" (937mm) | 42⅛" (1070mm) | 61⅜" (1559mm) | 70⅞" (1781mm) | 77⅞" (1959mm) |
| Top Opening | | 6RU | 6RU | 6RU | 6RU | 6RU |
| Front Doors | Plexiglass | PFD21 | PFD24 | PFD35 | PFD40 | PFD44 |
| | "Micro-Perf" Front Door 1" Deep | MPFD21 | MPFD24 | MPFD35 | MPFD40 | MPFD44 |
| | "Micro-Perf" Front Door 3" Deep | MPFD21-3 | MPFD24-3 | MPFD35-3 | N/A | N/A |
| | Solid Front Door | SFD21 | SFD24 | SFD35 | SFD40 | SFD44 |
| Rear Doors | | Included | Included | Included | Included | Included |
| Extra Rear Rack Rails | | RR21 | RR24 | RR35 | RR40 | RR44 |
| Caster Kit | | RCK-25 | RCK-25 | RCK-25 | RCK-25 | RCK-25 |
| Roller Truck | | N/A | N/A | N/A | N/A | N/A |
| Lacing Bars | LRS | ✓ | ✓ | ✓ | ✓ | ✓ |
| | LR4 | ✓ | ✓ | ✓ | ✓ | ✓ |
| Bus Bars | | BBG-5036 | BBG-5042 | BBG-5061 | BBG-5070 | BBG-5077 |

| 200 Series - 30" Deep | | | | | | |
|-----------------------|---------------------------------------|-----------------|------------------|------------------|------------------|------------------|
| Model | | 221-30 | 224-30 | 235-30 | 240-30 | 244-30 |
| Rack Units | | 21RU | 24RU | 35RU | 40RU | 44RU |
| Outside Dimensions | Height | 41" (1041mm) | 46¼" (1175mm) | 65½" (1664mm) | 74¼" (1886mm) | 81¼" (2064mm) |
| | Width | 22⅝" (567mm) | 22⅝" (567mm) | 22⅝" (567mm) | 22⅝" (567mm) | 22⅝" (567mm) |
| | Depth | 30" (762mm) | 30" (762mm) | 30" (762mm) | 30" (762mm) | 30" (762mm) |
| Panel Space | | 36⅞" (937mm) | 42⅛" (1070mm) | 61⅜" (1559mm) | 70⅞" (1781mm) | 77⅞" (1959mm) |
| Top Opening | | 6RU | 6RU | 6RU | 6RU | 6RU |
| Front Doors | Plexiglass | PFD21 | PFD24 | PFD35 | PFD40 | PFD44 |
| | "Micro-Perf" Front Door 1" Deep | MPFD21 | MPFD24 | MPFD35 | MPFD40 | MPFD44 |
| | "Micro-Perf" Front Door 3" Deep | MPFD21-3 | MPFD24-3 | MPFD35-3 | N/A | N/A |
| | Solid Front Door | SFD21 | SFD24 | SFD35 | SFD40 | SFD44 |
| Rear Doors | | Included | Included | Included | Included | Included |
| Extra Rear Rack Rails | | RR21 | RR24 | RR35 | RR40 | RR44 |
| Caster Kit | | RCK-30 | RCK-30 | RCK-30 | RCK-30 | RCK-30 |
| Roller Truck | | N/A | N/A | N/A | N/A | N/A |
| Lacing Bars | LRS | ✓ | ✓ | ✓ | ✓ | ✓ |
| | LR4 | ✓ | ✓ | ✓ | ✓ | ✓ |
| Bus Bars | | BBG-5036 | BBG-5042 | BBG-5061 | BBG-5070 | BBG-5077 |



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