



WMA Series Racks

19" Wide Opening Stand-Alone High Strength Wall Cabinet with Adjustable Rails, UL Listed



WMA35-23

Applications

The WMA Series is a high strength cabinet used to house electronic equipment for any type of application, both commercial and residential, where a floor standing cabinet is not practical. Applications include Communications equipment, Audio Video equipment, Security systems, CCTV equipment, IT equipment, Industrial systems and Computer equipment.

Features

- UL Listed 1678
- Selection Includes Models with 18" Deep Center Mounting Sections Providing up to 23½" of Usable Depth
- Internal Alignment Frame Provides Support Throughout Travel Range of Center Section
- Includes Perforated Front, Rear and Side Vents for Heat Dissipation
- Internal Bracing Provides Cable Management and Pass Thru's
- Adjustable Mounting Rails Provide Flexibility
- Rear Section Conduit and Rough-In Openings on Top, Bottom and Rear
- Mirror Image Lockable Rear Section Allows Left or Right Hinging of Center Section Regardless of Orientation, Often by One Person
- Rear Section Now Boxed Separately on Same Pallet with Center Section, Allows Contractor to Send Rear Section to Job Site for Rough In
- Top and Bottom Cutouts for Atlas Sound EFP Series Fans. (Ships with 3RU blank panels installed)
- Finished in Black Epoxy
- 12½" x 12½" Cut-Out On Back Pan Allows Easy Cable Access Through Mounting Surface
- Continuous Slot "Hat" Design Allows Full Front to Back Adjustment of Rack Rails. Securing Holes, Top and Bottom Provide Fixed Positioning of Rails
- Ships with One Set of Plated Rack Rails and (100) 10/32 x ¾" Rack Screws with Captive Washers
- Rails Include Hash Marks to Indicate Rack Unit Increments
- Side Lock Security System Provides an Easy yet Secure Method Of Joining Center Section to Back Pan
- Rear Section Includes Raised Mounting Embosses to Mount Power and other Accessories

In The Box

- An 18" Cabinet Center Section, Boxed Separately
- A 5½" Deep Rear Section, Boxed Separately
- One pair Adjustable 12-gauge E.I.A. Rack Rails
- 100 Rack Screws - 10/32 x ¾" with Captive Washers
- Hinge Pins for Installation of Center Section to Rear Section

Optional Accessories:

- RR Series Rack Rails
- Drawers, Shelves, Fans, and Accessories
- Lacing Bars
- Front Doors

General Description

The WMA Series wall cabinets are 16-gauge, welded with 18" deep center-section and adjustable mounting rails, and a 4½" deep rear section. Panel space openings range from 10RU to 35RU. Cabinets are equipped with provisions for custom cabinet mounting, wire management, equipment mounting, and structural support.

Cabinets are finished in a black electrostatic powder coat.

All models include adjustable front rack rails tapped 10–32, and manufactured to standard E.I.A. ½" spacing. Hat channels provide adjustable rack rail support with securing holes for fixed positioning of rails. Top and Bottom removable 3RU panels are located in the center section of the cabinet for EFP Series fan panels for further ventilation or for isolation panels for power.

The back face of the rear section is equipped with ¼" deep boss detents which give Contractors field flexibility to install a custom plywood, aluminum, or steel sub-plate for mounting accessories inside the cabinet. Boss detents are on 12" centers. The rear section provides an interchangeable Right or Left hand cylinder lock for security.

The cabinets have 16 conduit knockouts on the top of the rear section and 16 on the bottom of the rear section. Knockouts consist of two ½" (12.7mm) standard, three 1" (25mm) / 1⅜" (34.9mm) concentric and four ½" (13mm) / ¾" (19mm) concentric.

Perforated vents, located on both sides (top and bottom) of the center section, provide ventilation for rack-mounted electronics.

The cabinets offer a non-sagging design. The units' one-piece front and rear sections are strengthened with an internal alignment frame that supports the center section of the cabinet through its entire travel range.

An optional caster for carrying the weight of the center sections is available (Atlas CT31A).

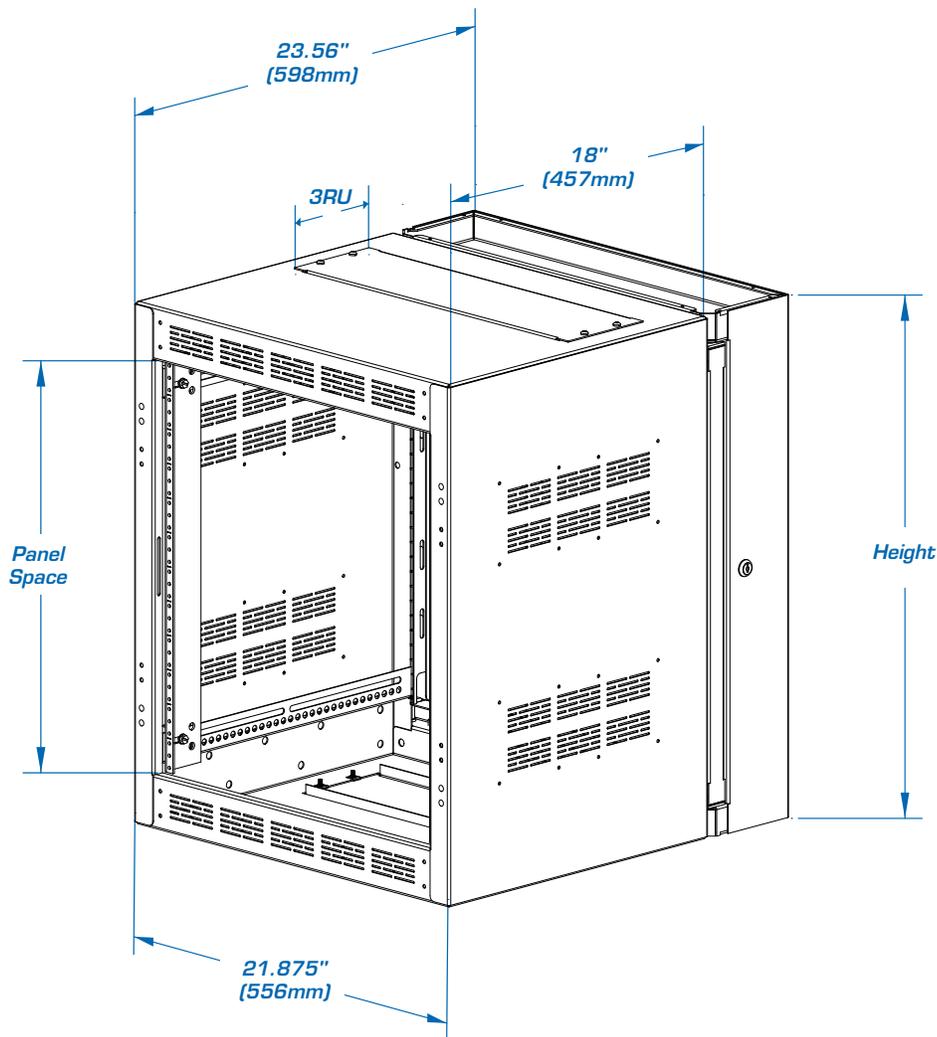
Architect & Engineer Specifications

The sectional wall mounting cabinet shall be Atlas Sound Model _____ (WMA Series). It shall be constructed of 16-gauge CRS throughout. All sections shall be of one-piece construction with electric-welded seams and miters. Cabinet shall have mirror imaging hinge points on rear section, center section and optional front door. Center section mounting shall be done with drop in hinge pins. Center section shall be secured with interchangeable cylinder lock located on rear section. The center section shall be equipped with adjustable, front-to-rear mounting rails tapped with 10–32 holes on E.I.A. 19" spacing. The lockable rear section shall have 16 conduit knockouts on the top of the rear section and 16 on the bottom of the rear section. Knockouts shall consist of two ½" (12.7mm) standard, three 1" (25mm) / 1⅜" (34.9mm) concentric and four ½" (13mm) / ¾" (19mm) concentric. Rear section shall include 12½" x 12½" punch out opening. Cabinet shall have slotted hat channel rail supports for mounting rail adjustment and wire management purposes. Optional (solid, standard or deep perforated) locking front door shall be provided.

Specification Friendly Text

1. Sectional Wall Cabinet – Sectional wall cabinet shall be a fully enclosed metal cabinet to secure rack mount equipment to a wall location. Cabinet shall be capable of being mounted for right or left hand hinge opening. Cabinet shall:
 - a. Be (10RU, 12RU, 16RU, 24RU, or 35RU) High opening for equipment mounting.
 - b. Provided 18" deep center section with 19" wide E.I.A. rack rails for mounting equipment.
 - c. Includes rear section suitable for mounting cabinet with left or right hand mirror hinging.
 - d. Include perforated top and bottom flanges on cabinet sides for heat dissipation.
 - e. Be 16-gauge welded metal frame with 12-gauge adjustable front rack rails.
 - f. Include optional (solid, standard or deep perforated) front locking door capable of right or left hand mounting.
 - g. Includes 32 conduit knockouts.
 - h. Include internal alignment frame which provides load support across travel range of center section without sagging.
 - i. Include internal wire raceway in Hat channel rack rail supports.
 - j. Manufacturer Atlas Sound (WMA10-23, WMA12-23, WMA16-23, WMA24-23, or WMA35)

WMA Series						
Model	WMA10-23	WMA12-23	WMA16-23	WM24-23	WMA35-23	
Panel Space	10RU	12RU	16RU	24RU	35RU	
Outside Dimensions	Height	23 $\frac{5}{8}$ " (583mm)	26 $\frac{5}{8}$ " (676mm)	33 $\frac{3}{4}$ " (857mm)	47 $\frac{3}{4}$ " (1213mm)	67" (1702mm)
	Width	21.875" (556mm)	21.875" (556mm)	21.875" (556mm)	21.875" (556mm)	21.875" (556mm)
	Rear Depth	4 $\frac{1}{2}$ " (114mm)	4 $\frac{1}{2}$ " (114mm)	4 $\frac{1}{2}$ " (114mm)	4 $\frac{1}{2}$ " (114mm)	4 $\frac{1}{2}$ " (114mm)
Rear Mounting Door	Included	Included	Included	Included	Included	
Extra Rear Rack Rails	WMA-RR10	WMA-RR12	WMA-RR16	WMA-RR24	WMA-RR35	
Lacing Bars	LRS	√	√	√	√	√
	LR4	√	√	√	√	√



©2012 Atlas Sound L.P. All rights reserved. Atlas Sound is a trademark of Atlas Sound L.P. AT5004397 RevC 8/12