



# FMA Series Ganging Racks

**19" Wide Opening Stand-Alone/Gangable Deep Floor Cabinet with Adjustable Rails, Swing Out Side Panels UL Listed**



**FMA44-25G**

*Shown with:  
FMARTK25 - Caster Kit (Not Included)  
FMA44-25LRPV - Side Panels (Not Included)  
PFD44 - Plexiglass Front Door (Not Included)*

## Applications

The Atlas FMA Series Cabinets, designed for a high strength-to-weight ratio solution, are ideal for single and multi-bay applications with increased width for wire management. These cabinets are commonly used to house Data Center Equipment, Communications equipment, Audio Video equipment, Computer equipment, Broadcast equipment, Security systems, CCTV equipment, IT equipment, Industrial systems and Building Management Systems. These cabinets are built to Standard #EIA-310-C that meets most OEM, Commercial and Military application requirements.

## Features

- UL Listed 1678
- Two Model Heights with Increased Width for Wire Management
- Rear Door Offers Right or Left-Hand Hinging Capability
- Up to (12RU to 18RU) Panel Opening in Top Offers Wiring Convenience or Fan Panel Cooling with Optional EFT/EFP Series Fan Kits and TPP/TPS Top Panels.
- Two pairs of 12-gauge CRS adjustable mounting rails, plated, drilled and tapped 10-32 with hash marks to indicate rack unit increments.
- Hat Rack Rail Supports Include Rail Slot and Retainer Hole to Secure Rails from Sliding While Moving, Slots for Cable Pass Through and 19" Spacing for Mounting Standard Panels for Accessory Mounting
- Increased Opening base Facilitates Wiring to Conduit or to Access 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
- Knockouts on Removable Standard 2RU Panels (rear of cabinet top & bottom) Panel Includes ¾" KOs for BNC Connectors (perfect for diversity wireless systems) as well as Conduit Array of Knockouts.
- Leg levelers Included
- Threaded inserts pre- installed for optional surface doors
- 14-Gauge Tops/Bottoms/Frames
- 16-Gauge Side Panels And Side Frames
- 2RU Panel On Bottom For Cable Pass-Through Between Cabinets
- Optional Lift-Off, Locking Side Panels- "Swing-Out" Design Facilitates Easy Service Access
- Gangable Cabinet with Pre-Installed ¼-20 Thread Inserts to Gang Cabinets.

## In The Box

- Base & Top Panel
- 14/16-gauge Frame, Cold Rolled Steel (CRS) Construction
- Includes 2 sets of "Fully Adjustable" rack rails made from 12-gauge CRS with Hash Marks to Denote RU Increments
- Solid Rear Door

## Optional Accessories

- Solid, Perforated, or Plexiglas Front Door
- FMA series Side Panels
- Drawers, Shelves, Fans, and Accessories
- FMA Caster Kits
- TPP/TPS Top Panels

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## General Description

The Atlas Sound FMA (Folded Metal Assembly) cabinet incorporates an innovative "Radius" look characterized by sleek corners and joints. The cabinets are 25½" deep or 30" deep, 24⅞" wide and available in two different RU heights. (Refer to chart on back for exact dimensions and model numbers.) All cabinets feature both 14/16-gauge steel tops/bottoms and frames.

A flush mount 16-gauge steel rear door with integral "stop" to prevent over-travel is included as standard. Rear door includes flush door pull and cylinder lock.

The FMA Series cabinet line includes an opening in the cabinet top which can left open for free wire access/ventilation or closed using standard panels 12RU (for 25½" deep models) or 18RU (for 36" deep models). Top opening is also perfect for installing EFT/EFP Series fan or TPP/TPS Top panel assembly.

Cabinets include two pairs of front-to-rear adjustable mounting rails tapped 10-32. Rails are standard E.I.A. ⅝"-⅝"-½" spacing.

The Atlas Sound FMA G series features 14-gauge "hat" rack rail support sections for added strength & greater versatility in rack rail positioning. The hat sections include a rack rail slot along with holes spaced the entire length of the hat section to allow for easy, secure positioning of the rack rails. This hat section is also spaced in the cabinet to allow the installation of standard 19" blank panels vertically inside the cabinet. This is perfect for Time Saving Devices (TSD'S) or other accessories like Atlas Sound DC power supplies & relays. Hat sections feature tie down holes for clean, organized wire management.

For optimum wire management, unique, removable 2RU high panels are positioned behind cutouts at the top & bottom on the rear of the cabinet. These panels include conduit array knockouts with four ½" to ¾" concentric, three 1" to 1¼" concentric and two ⅜" knockouts to allow installation of BNC connectors used for diversity wireless microphone systems.

Leg levelers are included with the FMA to provide alignment regardless of floor evenness. An optional caster kit allows easy positioning without significantly increasing the cabinet's overall height.

Threaded inserts are pre-installed on the front of the cabinet when a front door is required. Threaded inserts are also supplied to gang cabinets together.

Optional FMA series side panels "swing-out" for easy serviceability of equipment housed in the cabinet while maintaining security. These heavily reinforced side panels install easily on unique "lift-off" hinge assemblies. All mounting holes and cabinet hardware is provided to join multiple FMA & G series cabinets.

## Architect & Engineer Specifications

Floor cabinet shall be Atlas Sound Model \_\_\_\_ (FMA G Series) Depth shall be \_\_\_\_ (25½" or 30"). Height shall be \_\_\_\_.

It shall be UL Listed 1678 constructed of 14-gauge CRS frame with 16-gauge side frames and 14-gauge top and bottom sections. Cabinet includes two pairs of 12-gauge CRS adjustable mounting rails plated, drilled and tapped 10-32 with hash marks to indicate rack unit increments. Factory installed leg levelers are standard and will also accept optional caster kit. Frame shall be finished in textured Black epoxy.

Optional:

Optional Swing out Side Panels shall be 16-gauge CRS swing out side panels Model \_\_\_\_\_. Side panels shall include locks keyed with technician key. Racks shall be provided with 16-gauge CRS solid or perforated top panel Model \_\_\_\_\_.

Racks shall be provided with 550CFM top mounting fan panel Model \_\_\_\_\_.

Door(s) shall be Model \_\_\_\_\_.

Doors shall include cylinder lock, handle and shall be hinged (right- or left) Model \_\_\_\_\_.

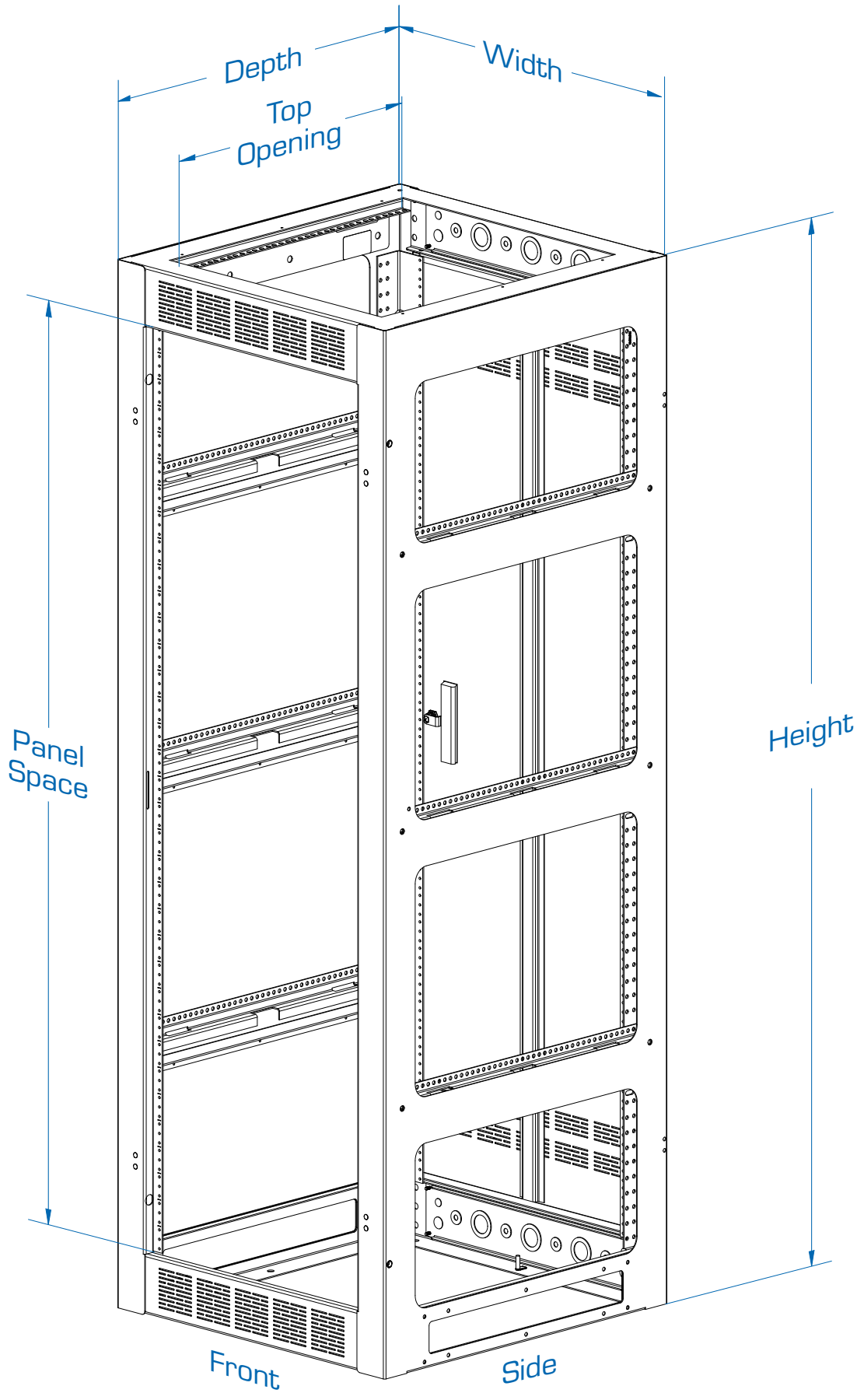
Single frame and/or entire installation shall be on casters Model \_\_\_\_\_.

## Specification Friendly Text

1. Stand Alone/Gangable Floor Cabinet – Stand Alone/Gangable 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 (35RU or 44RU) High opening for equipment mounting.
  - b. Be (25½" or 36") deep with 19" wide E.I.A. Adjustable front 12-gauge rack rails for mounting equipment.
  - c. Include rear locking door with left or right hand hinging.
  - d. Be 14-gauge welded metal Cold Roll Steel (CRS) frame top and bottom with 16-gauge CRS side frames.
  - e. Include Optional Solid, Plexiglas or Perforated Front locking door capable of right or left hand mounting.
  - f. Include optional swing out lockable side panels as required, FMA series.
  - g. Include top panel opening for accessories 12RU (for 25½" deep models) or 18RU (for 36" deep models).
  - h. Manufacturer Atlas Sound (FMA35-25G, FMA44-25G or FMA44-36G) with Optional (SFD, MPFD or PFD) Series Front Door, FMA Series side panels

FMA Series				
Model		FMA35-25G	FMA44-25G	FMA44-36G
Rack Units		35ru	44ru	44ru
Outside Dimensions	Height	69 <sup>5</sup> / <sub>16</sub> " (1761mm)	85 <sup>5</sup> / <sub>16</sub> " (2161mm)	85 <sup>5</sup> / <sub>16</sub> " (2161mm)
	Width	24 <sup>7</sup> / <sub>8</sub> " (613mm)	24 <sup>7</sup> / <sub>8</sub> " (613mm)	24 <sup>7</sup> / <sub>8</sub> " (613mm)
	Depth	25 <sup>1</sup> / <sub>2</sub> " (648mm)	25 <sup>1</sup> / <sub>2</sub> " (648mm)	36" (914mm)
Usable Depth		23.53" (598mm)	23.53" (598mm)	34.03" (864mm)
Panel Space		61 <sup>5</sup> / <sub>16</sub> " (1557mm)	77 <sup>7</sup> / <sub>16</sub> " (1957mm)	77 <sup>7</sup> / <sub>16</sub> " (1957mm)
Top Opening		12ru (21 <sup>1</sup> / <sub>16</sub> " <sup>1</sup> )	12ru (21 <sup>1</sup> / <sub>16</sub> " <sup>1</sup> )	18ru (31 <sup>5</sup> / <sub>16</sub> " <sup>1</sup> )
Front Doors	Plexiglass	PFD35	PFD44	PFD44
	"Micro-Perf" Front Door 1" Deep	MPFD35	MPFD44	MPFD44
	"Micro-Perf" Front Door 3" Deep	MPFD35-3	N/A	N/A
	Solid Front Door	SFD35	SFD44	SFD44
Rear Doors		Included	Included	Included
Extra Rear Rack Rails		RR35	RR44	RR44
Side Panel		FMA35-25LRPV	FMA44-25LRPV	FMA44-36LRPV
Caster Kit		FMARTK25	FMARTK25	FMARTK36
Leg Levelers		Included	Included	Included
Lacing Bars	LRS	√	√	√
	LR4	√	√	√
Bus Bars		BBG35	BBG44	BBG44

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