FMA Series Ganging Racks

19" Wide Opening Stand-Alone/Gangable Deep Floor Cabinet

Features

- UL Listed 2416
- Two Model Heights Available, 44RU and 35RU
- 44 RU Height Available in Three Depths
- 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 (5$\frac{1}{4}$") 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 $\frac{3}{8}$" 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 $\frac{1}{4}$-20 Thread Inserts to Gang Cabinets

Applications

The AtlasIED 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.

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 Acrylic Front Door
- FMA Series Side Panels
- Drawers, Shelves, Fans, and Accessories
- FMA Caster Kits
- TPP / TPS Top Panels

General Description

The AtlasIED FMA (Folded Metal Assembly) cabinet incorporates an innovative "radius" look characterized by sleek corners and joints. The cabinets are 25$\frac{1}{2}$" deep, 32" deep, or 36"deep, 24$\frac{1}{8}$" wide and available in two different RU heights. (Refer to the following chart 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 be left open for free wire access / ventilation or closed using standard panels 12RU (for 25$\frac{1}{2}$" deep models) , 16RU (for 32" deep models)or 18RU (for 36" deep models). The 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. $\frac{5}{8}$"-$\frac{5}{8}$"-$\frac{1}{2}$" spacing.

The AtlasIED FMA G series features a 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 (TSDs) or other accessories like AtlasIED 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 $\frac{1}{2}$" to $\frac{3}{4}$" concentric, three 1" to 1$\frac{1}{4}$"concentric and two $\frac{3}{8}$" knockouts to allow installation of BNC connectors used for diversity wireless microphone systems.
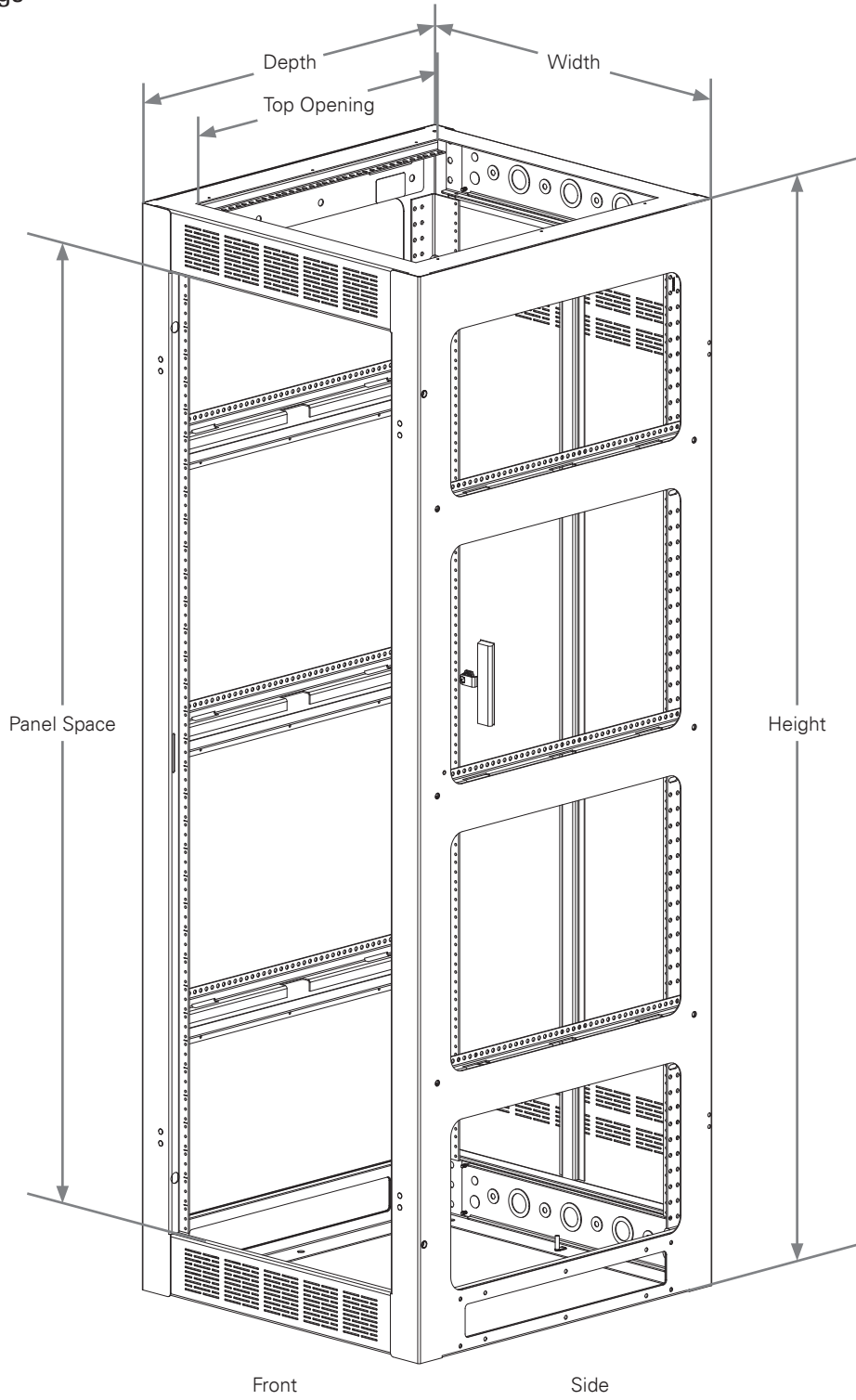
Leg levelers are included with the FMA to provide alignment regardless of floor evenness. An optional caster kit allows easy positioning without significantly increasing the cabinet's overall height.

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.

Model	FMA35-25G	FMA44-25G	FMA44-32G	FMA44-36G
Rack Units	35 RU	44 RU	44 RU	44 RU
Accessories				
Acrylic Front Door	PFD35	PFD44	PFD44	PFD44
Micro-Perf Front Door 1" Deep	MPFD35	MPFD44	MPFD44	MPFD44
Micro-Perf Front Door 3" Deep	MPFD35-3	N/A	N/A	N/A
Solid Front Door	SFD35	SFD44	SFD44	SFD44
Rear Door	Included	Included	Included	Included
Extra Rack Rails	RR35	RR44	RR44	RR44
Side Panel	FMA35-25LRPV	FMA44-25LRPV	FMA44-32LRPV	FMA44-36LRPV
Caster Kit	FMARTK25	FMARTK25	FMARTK32	FMARTK36
Leg Levelers	Included	Included	Included	Included
LRS Lacing Bars	√	√	√	√
LR4 Lacing Bars	√	√	√	√
Bus Bars	BBG35	BBG44	BBG44	BBG44
Mechanical				
Outside Dimensions (HxWxD)	69.31" x 24.13" x 25.5" (1761mm x 613mm x 648mm)	85.06" x 24.13" x 25.5" (2161mm x 613mm x 648mm)	85.06" x 24.13" x 32" (2161mm x 613mm x 813mm)	85.06" x 24.13" x 36" (2161mm x 613mm x 914mm)
Usable Depth	23.53" (598mm)	23.53" (598mm)	28" (711mm)	34.03" (864mm)
Panel Space	61.31" (1557mm)	77.06" (1957mm)	77.06" (1957mm)	77.06" (1957mm)
Top Opening	12 RU (21.06")	12 RU (21.06")	16 RU (28")	18 RU (31.63")

Dimensional Drawings

Depth

Width

Top Opening

Panel Space

Height

Front

Side

Architect & Engineer Specifications

Floor cabinet shall be AtlasIED Model _____ (FMA G Series). Depth shall be _____ (25^1/$_2$", 32", or 36"). Height shall be _____. It shall be UL Listed 2416 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

Gangable Floor Cabinet - 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 (25^1/$_2$", 32", 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. Optional solid, acrylic or perforated front locking door capable of right or left hand mounting
f. Optional swing out lockable side panels as required, FMA series
g. Include top panel opening for accessories 12RU (for 25^1/$_2$" deep models) 16RU (for 32" deep models) or 18RU (for 36" deep models)
h. Manufacturer AtlasIED (FMA35-25G, FMA44-25G, FMA44-32G, or FMA44- 36G) with optional (SFD, MPFD or PFD) Series front door, FMA Series side panels