700 Series Racks

19" Wide Opening Stand-Alone/Gangable Deep Floor Cabinet with Adjustable Rails, UL Listed

Features

- UL 2416 Listed
- Optional Seismic Bracing Kit
- Three Model Heights
- Optional Rear Door Offers Right or Left-Hand Hinging Capability
- For $25^{1}/_{2}$" Deep Models: Up to 12RU (or Combinations to 12RU) Top Panel Opening Offers Wiring Convenience or for Fan Panel Cooling with Optional EFT/EFP Series Fan Kits
- For 30" Deep Models: Up to 14RU (or Combinations to 14RU) Top Panel Opening Offers Wiring Convenience or Fan Panel Cooling with Optional EFT/EFP Series Fan Kits
- For 36" Deep Model: Up to 18RU (or Combinations to 18RU) Top Panel Opening Offers Wiring Convenience or for Fan Panel Cooling with Optional EFT/EFP Series Fan Kits
- Increased Opening Base Facilitates Wiring Conduit or to Access Below Floor Raceways
- Two Functional 3RU Blank Panel ($5^{1}/_{4}$") Provided
- Manufactured to E.I.A. Standards
- Pre-Drilled to Accept M-1A Cabinet Mount IR Repeater
- Gangable Cabinet with Pre-Installed $^{1}/_{4}$-20 Thread Inserts to Gang Cabinets

In The Box

- Base Panel
- 14-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
- Rack Rails Utilize "Drop-In" Feature for Mounting In Cabinet

Options

- Solid, Perforated, or Plexiglas Front Door
- FRD Series Flush Rear Door
- SPS Series Side Panels
- Top Panel
- RR Series Rack Rails
- Drawers, Shelves, Fans, and Accessories
- Caster Kits
- Seismic Bracket Kit Zone – Zone 4 Telcordoa Certified

Applications

The Atlas 700 Series Cabinets, designed for a high strength-to-weight ratio solution, are ideal for single and multi-bay applications where easy accessibility to wiring in and between racks is desirable. 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.

744-25

General Description

These general purpose cabinets are 25^1/$_2$", 30", & 36" deep, 22^5/$_{16}$"wide, and available in three different RU heights. (Refer to chart on next page for exact dimensions and model numbers.) The 700 Series racks are completely welded 14-gauge CRS and assembled for immediate use.

Optional rear doors can be hung with pre-installed quick-release spring hinges which allow them to be rotated 180° for right- or left-hand opening. See chart on back for appropriate front door, rear door, & side panel model numbers (ordered separately). Front doors are keyed differently than the rear door for security.

The 700 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 25^1/$_2$" deep models), 14RU (for 30" deep models), or 18RU (for 36" deep models). Top opening is also perfect for installing EFT/EFP Series fans.

Cabinets include two pairs of front-to-rear adjustable mounting rails tapped 10-32. Rails are standard E.I.A. ^{5}/$_8$"-^{5}/$_8$"-^{1}/$_2$" spacing.

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

Architect and Engineer Specifications

Floor cabinet shall be Atlas Sound Model _____(700 Series). Depth shall be_____ (25^1/$_2$", 30", or 36"). Height shall be _____. It shall be UL Listed 1678 constructed of 14-gauge CRS. CRS adjustable mounting rails tapped 10–32. Finish shall be textured black epoxy.

Optional 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.

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, 40RU or 44RU) High opening for equipment mounting.

    b. Be (25^1/$_2$", 30", or 36") deep with 19" wide E.I.A. Adjustable front 12-gauge rack rails for mounting equipment.

    c. Include optional rear locking door with left or right hand hinging, FRD series.

    d. Be 14-gauge welded metal Cold Roll Steel (CRS) frame.

    e. Include Optional Solid, Plexiglas or Perforated Front locking door capable of right or left hand mounting.

    f. Include optional side panels as required, SPS series.

    g. Include optional top panel opening for accessories 12RU (for 25^1/$_2$" deep models), 14RU (for 30" deep models), or 18RU (for 36" deep models).

    h. Manufacturer Atlas Sound (735-25, 740-25, 744-25, 744-30, 744-36) with Optional (SFD, MPFD or PFD) Series Front Door, FRD Series Rear Door and SPS Series side panels.
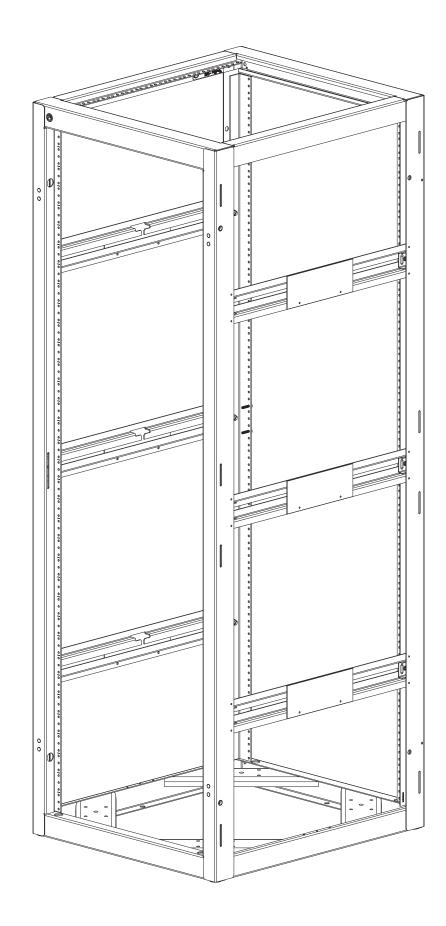
700 Series					
Model	735-25	740-25	744-25	744-30	744-36
Rack Units	35RU	40RU	44RU	44RU	44RU
Outside Dimensions — Height	$65^1/_2$" (1664mm)	$74^1/_4$" (1886mm)	$81^1/_4$" (2064mm)	$81^1/_4$" (2064mm)	$81^1/_4$" (2064mm)
Outside Dimensions — Width	$22^5/_{16}$" (567mm)	$22^5/_{16}$" (567mm)	$22^5/_{16}$" (567mm)	$22^5/_{16}$" (567mm)	$22^5/_{16}$" (567mm)
Outside Dimensions — Depth	$25^1/_2$" (648mm)	$25^1/_2$" (648mm)	$25^1/_2$" (648mm)	30" (762mm)	36" (914mm)
Usable Depth	23.53" (597mm)	23.53" (597mm)	23.53" (597mm)	28.03" (712mm)	34.03" (864mm)
Panel Space	$61^1/_4$" (1556mm)	$70^1/_8$" (1781mm)	$77^1/_8$" (1959mm)	$77^1/_8$" (1959mm)	$77^1/_8$" (1959mm)
Top Opening	14RU	14RU	14RU	16RU	18RU
Front Doors — Plexiglass	PFD35	PFD40	PFD44	PFD44	PFD44
Front Doors — "Micro-Perf" Front Door 1" Deep	MPFD35	MPFD40	MPFD44	MPFD44	MPFD44
Front Doors — "Micro-Perf" Front Door 3" Deep	MPFD35-3	N/A	N/A	N/A	N/A
Front Doors — Solid Front Door	SFD35	SFD40	SFD44	SFD44	SFD44
Side Panels	SPS35-25	SPS40-25	SPS44-25	SPS44-30	SPS44-36
Rear Doors	FRD35	FRD40	FRD44	FRD44	FRD44
Extra Rear Rack Rails	RR35	RR40	RR44	RR44	RR44
Caster Kit	RCK-700	RCK-700	RCK-700	RCK-700	RCK-700
Lacing Bars — LRS	√	√	√	√	√
Lacing Bars — LR4	√	√	√	√	√
Bus Bars	BBG35	BBG40	BBG44	BBG44	BBG44