



# 900 Series Racks

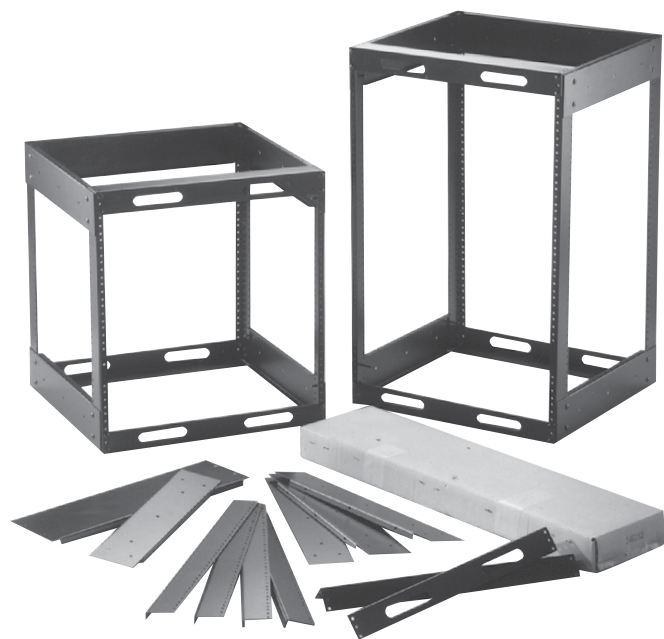
## 18 1/2" Deep Stacking Utility Frames

### General Description

The 900 Series frames are offered in two sizes: 912-18 is 23 1/4" (589mm) high with an 11RU (19 1/4") panel space; 916-18 is 30" (762mm) high with a 15RU (26 1/4") panel space. Usable panel space may be increased to 12RU and 16RU, respectively, by removing the optional top horizontal cross member. The vertical stacking process is accomplished easily – simply stack the rail members and join them using the front-to-rear members as splice plates. (All necessary hardware is supplied.) Please reference the "stacked frame combination" chart for common combinations. Units can also be joined "side-by-side" using the pre-drilled holes in the front-to-rear frame members and owner-supplied hardware. (These pre-drilled holes can also be used to mount custom side panels.)

The corner post rails of Models 912-18 and 916-18 are manufactured of 11-gauge CRS, drilled and tapped for EIA mounting. Three left-to-right horizontal frame members are 14-gauge CRS and offer cutouts for easy wire access and 1/4" holes for bolting to floors. Cutouts can also be used as handles or wire access holes, and may be installed facing up, down, front, or rear. The fourth horizontal frame member is a standard 16-gauge CRS, blank panel (SPF2) measuring 2 RU (3 1/2"). This panel may be placed anywhere along the front or back side of the frame. The front-to-rear (side) frame members are 16-gauge CRS to provide structural rigidity and to serve as splice plates when joining 900 Series units in stacked configurations. They also are equipped with wire tie holes for wire management.

Units are finished in textured black epoxy. Entire frame assemblies are shipped knocked-down in a carton size of 1" (787 mm) L x 3" (76 mm) H x 8" (203 mm) W. Hardware bag, containing black assembly screws and washers, as well as 40 extra screws for mounting equipment.



900 Series

### Features

- Engineered for Strength and Simple Assembly
- Open Frame Design Facilitates Mounting of All Types of 19" Equipment
- Packaged for Fast and Inexpensive Shipping and Compact Storage
- Frames Easily Bolt Together to Accommodate Vertical or Horizontal Racking Needs
- Ideal Cabinet Frame for Economy and Durability in "Behind The Scenes" Applications
- Includes Front and Rear Mounting Rails

### Applications

900 Series frames are uniquely engineered to provide assembled strength and shipping/storage economy. These low-cost, innovative units feature quick and simple assembly; the versatility of the 900 Series allows the frames to be easily stacked, or joined side-by-side, for mounting electronics in either free-standing or custom cabinet enclosures. The frame-only design maximizes space efficiency by enabling the unit's entire vertical panel capacity to be used for mounting equipment.

These frames, which are available in both a 12RU, 21" (912-18) and a 16RU, 28" (916-18) version, are ideal for theater, residential, broadcast, and retail applications where easy access to equipment mounted behind-the-scenes, under desks or counters is desired. The frames of the 900 Series are intended for permanent installation where doors, side panels, and casters are not required. (Custom side panels may be added if desired). 900 Series models are offered with 10-32 tapped rails.

900 Series			
Model		912-18	916-18
Rack Units As Offered		11RU	15RU
Rack Units Top Horizontal Removed		12RU	16RU
Panel Space As Offered		21" (540mm)	26 1/4" (667mm)
Panel Space Top Horizontal Removed		22 3/4" (578mm)	28" (712mm)
Outside Dimensions	Height	23 1/4" (589mm)	30" (762mm)
	Width	19 1/4" (533mm)	19 1/4" (489mm)
	Depth	18" (540mm)	18" (540mm)

## Architect & Engineer Specifications

The equipment rack shall be Atlas Sound Model \_\_\_\_\_ (912-18, 916-18). Cabinet depth shall be 18" with \_\_\_\_\_ (19.25" or 26.25") panel space. Three left-to-right horizontal panel members shall be 14-gauge CRS with two cutouts for wire management. The fourth horizontal frame member shall be a 16-gauge CRS panel measuring 2RU (3½") H. The four front-to-rear (side) frame members shall be 16-gauge CRS and shall include wire tie holes and capability to be used as splice plates in multi-bay configurations. Models 912-18 and 916-18 shall have 11-gauge CRS corner post rails that are drilled and tapped 10-32 on EIA spacing. All components to be finished in textured black epoxy and shipped knocked down in a shippable carton size of 31" (787mm) L x 3" (76mm) H x 8" (203mm) W. Matching assembly and mounting hardware shall be furnished.

Stacked Frame Combinations						
Model	Two 912-18	One 912-18, One 916-18	Two 916-18	Three 912-18	Two 912-18, One 916-18	One 912-18, Two 916-18
Rack Units*	24RU	28RU	32RU	36RU	40RU	44RU
Panel Space	42" (1069mm)	49" (1245mm)	56" (1422mm)	63" (1600mm)	70" (1778mm)	77" (1956mm)
Outside Dimensions	Height	46½" (1181mm)	53¼" (1353mm)	60" (1524mm)	69¾" (1772mm)	76½" (1943mm)
	Width	19¼" (489mm)	19¼" (489mm)	19¼" (489mm)	19¼" (489mm)	19¼" (489mm)
	Depth	18" (540mm)	18" (540mm)	18" (540mm)	18" (540mm)	18" (540mm)

\* Total RU has been calculated with horizontal members between units removed.

