

HE-1 Series

Equipment Rack Assembly



HE-1 Soundmasking Equipment Rack

19" Sectional Wall Cabinet

The HE-1 Rack sectional wall cabinet from AVL give installers carefully engineered solutions to age-old problems. This UL Listed sectional design (UL Standard 1678) provides swing-open access and locking security for equipment installations where wall mounting is desired or floor space is unavailable.

Units are offered in choice of 18" or 14" mounting section depths (usable depths of 16" and 12" respectively) with 4.5" rear back box and recessed front door with concealed spring loaded hinges for versatile right or left swing (to order without door, suffix -LD). Construction is 16-gauge CRS with fully adjustable 11-gauge CRS mounting rails tapped 10-32 on universal EIA spacing.

Design features a concealed, quick-release hinging system between the mounting and rear sections that contributes to superior aesthetics and functionality. This design permits the mounting and rear sections to be inverted 180 degrees for versatile field installation with right or left swing. The rear backbox also includes ample .75" and 1.25" conduit knockouts in the top, bottom and rear for cable entry and keyhole slots for wall mounting. Side panels are slotted for proper heat ventilation and include structural channels for extra reinforcement and maximum loading without twist or distortion. All models are finished in AVL's durable and scratch-resistant wrinkle black powder epoxy.

Panel Space (reference)	12"	17"	21"	28"	36"	42"	61"
Rack Units (1.75")	7 RU	10 RU	12 RU	16 RU	21 RU	24 RU	35 RU
Models	HE1-12	HE1-17	HE1-21	HE1-28	HE1-36	HE1-42	HE1-61
Panel Space (actual)	12.375"	17.625"	21.125"	28.125"	36.875"	42.125"	61.375"
Overall Height	15.875"	21.125"	24.625"	31.625"	40.375"	45.625"	64.875"
Overall Width	21.125"	21.125"	21.125"	21.125"	21.125"	21.125"	21.125"
Overall Depth							
• Mounting Section	18" / 14"	18" / 14"	18" / 14"	18" / 14"	18" / 14"	18" / 14"	18" / 14"
• Rear Backbox	4.5"	4.5"	4.5"	4.5"	4.5"	4.5"	4.5"
Usable Depth** (mtg. section)	16" / 12"	16" / 12"	16" / 12"	16" / 12"	16" / 12"	16" / 12"	16" / 12"
Mounting Rails	Adjustable	Adjustable	Adjustable	Adjustable	Adjustable	Adjustable	Fixed
Front Door (fully recessed)	Included*	Included*	Included*	Included*	Included*	Included*	Included*
Weight							
• Mounting Section	46 / 21 lbs.	54 / 40 lbs.	58 / 43 lbs.	66 / 49 lbs.	71 / 57 lbs.	81 / 59 lbs.	138 / 103 lbs.
• Rear Backbox	19 lbs.	24 lbs.	28 lbs.	31 lbs.	37 lbs.	43 lbs.	62 lbs.
• Front Door*	6 lbs.	7 lbs.	9 lbs.	11 lbs.	13 lbs.	16 lbs.	20 lbs.

*To order without solid front door suffix model (-LD) Example: L53-12-LD.

**Usable depth is defined as the maximum racking depth from front rack rails.