



AcoustiQuiet™ Sound Reducing Quiet Server Rack / Cabinet

Made in the U.S.A. of American Finished Steel and independently tested by a third party lab to verify sound reduction



The AcoustiQuiet Sound Reducing Quiet Rack shown in white so you can see the details. Independently tested for sound reducing rating by a third party acoustical lab.

AcoustiQuiet™ is a series of sound reducing quiet racks designed to enclose extra loud rack-mounted equipment. The AcoustiQuiet™ integrates acoustic material into the manufacturing process and traps and absorbs undesirable noise while still allowing free air movement and heat exchange within your environment.

The AcoustiQuiet™ series attenuates up to 20.7dB(A) of noise from the front of the unit and as much as 24dB(A) from the back. Use this to advantage when setting the server rack in the room where other people/desks will be located. The six top mounted fans remove up to 3KW of thermal heat.

Multiple sizes: 24u, 35u and 44u. Usable rail to rail depths 36"d and 42"d! The most versatile number of sizes on the market!!

Save Money

- No need for dedicated closet or separate space
- No architect or engineering fees
- No special cooling requirements (other than ambient a/c in room)
- Take it with you, completely portable, move it wherever





Included MTEMP10000 Temperature Display Module in every unit

- 120VAC
- Remote sensor with 3' lead
- Temperature display in F or C degrees
- 1/2" high red LED character display
- Mount on doors or panel as required



Optional TH100F Thermostat Module

To turn fans on and off as temperature dictates.

Noise Control - Why Do You Need It?

- A 5-decibel reduction can cut the risk of hearing loss in half.
- Productivity of employees. Prolonged exposure to loud environments creates stress and can lead to accidents.
- Insurance companies are applying pressure to corporations due to hearing loss claims filed under workman's comp laws.
- Government regulations enforced by OSHA, State and local laws.

Each Unit Includes

- Base, low-profile casters and leveling feet.
- **2 sets** of "L" shaped infinitely adjustable universal square hole mounting rails on a patented aluminum extruded welded frame.
- Side panels with full acoustic lining.
- Vented front and rear doors have full acoustic lining, (2) lockable swing door handles per door.
- Temperature display mounted at upper LH corner includes temp probe on a 3ft lead wire. Optional temperature monitor can be purchased if desired.
- Solid top panel includes a 6-fan tray (4" 52 cfm fans with guards), foam sealing tape, acoustic lining.
- Ships completely assembled, Unwrap and rack!
- Textured powder coat finish. 7 standard colors to choose from.

Decibel Levels & How the AcoustiQuiet™ Can Solve Your Noise Problems

This series of sound reducing quiet racks will remove 20.7dB(A)+ of noise from your originating environment. Sound and measuring sound, involves a lot of science and can be confusing. There are different sound waves, ranges, ways of measuring, etc. What you want is a decrease in the noise you hear, regardless of what sound waves are doing all about you.



The chart to the right shows widely accepted examples of SPL ratings which are very helpful in understanding “every day” noises we are familiar with and comparing to installing servers into the workplace.

ACOUSTIQUIET TECHNICAL SPECS

Cable Entry Standard: Located at the bottom rear of the cabinet (alternative locations available). Dimensions 2”x 12” (accommodates approx. 500 CAT 5 cables)

Cooling Fans: 6x quiet fans located in roof tray (UL Cert)

Acoustic Material Flammability Rating: U194

Cabinet Finish: Manufactured from US finished steel

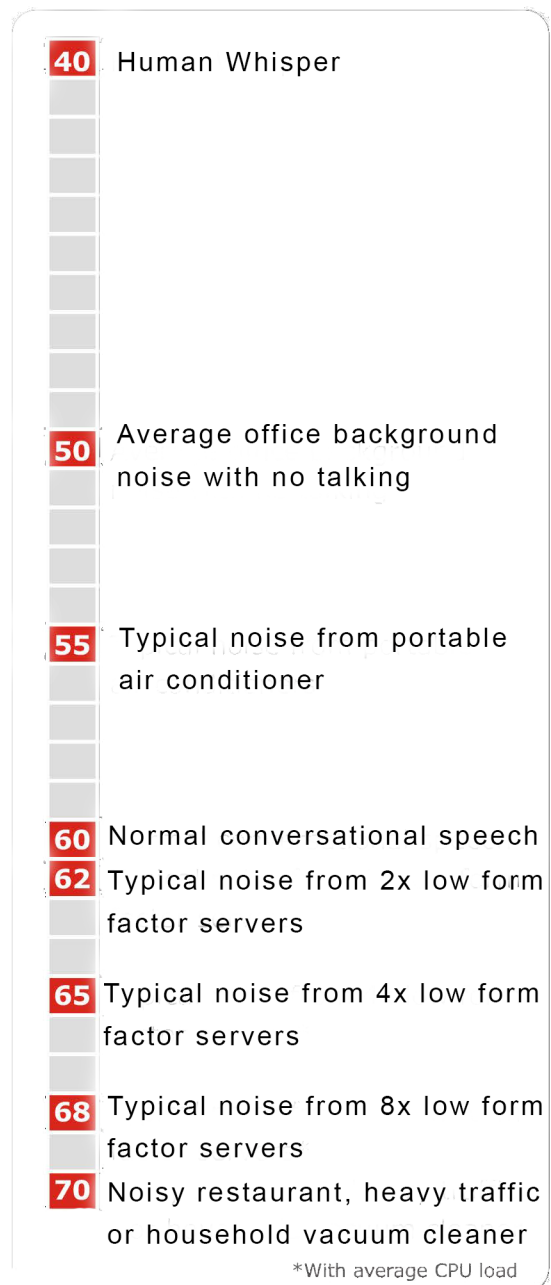
Cabinet Color: 7 color options available: Black, Pearl, White, Granite, Platinum, Dark Grey, Blue

Max. Distributed Load: 1200 lbs. on casters, 2000 on plinth

Cabinet Features: Low profile casters & leveling feet, 4 post rack with square fixing holes (adjustable front & rear), internal temperature display, removable side panels for easy access

Optional Accessories: Earth/Grounding Kit, Thermostatic fan control, General 19” rackmount accessories

Delivery: Ships fully assembled and ready to go



Product Code	Useable Height	Rail to Rail Depth ***	Weight	External Dimensions (HxWxD)
AQ422036	24U	36" (30.5" Max Device)	320 lb	49.58" x 24" x 40.25"
AQ422042	24U	42" (36.5" Max Device)	340 lb	49.58" x 24" x 46.25"
AQ612036	35U	36" (30.5" Max Device)	350 lb	68.83" x 24" x 40.25"
AQ612042	35U	42" (36.5" Max Device)	375 lb	68.83" x 24" x 46.25"
AQ772036	44U	36" (30.5" Max Device)	475 lb	84.58" x 24" x 40.25"
AQ772042	44U	42" (36.5" Max Device)	500 lb	84.58" x 24" x 46.25"

*** The 5.5" difference between the two depths is to allow enough space for the warm air to travel up the rear of the cabinet and exhaust out of the fans on top.



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