



Air Conditioner Server Cabinet Recommendation Checklist

Your name _____ Telephone # _____

Company name _____ Date _____

Email address _____

1. How many racking units "u" of space do you want/need for your equipment? _____
Note: Rackmount A/C units vary from 6-11u and will take up "u" space inside your rack. Sidemount units take up no internal rack space.
2. What inside usable depth do you need for your equipment? i.e. 24", 30"d, 36"d, 42"d _____
3. Is the place where you are going to put the A/C rack space constrained in any way? Please describe

4. Does the unit need to be on casters or a floormount base? Casters Floormount Base
5. What style of A/C unit is desired? Rackmount Sidemount
6. What is the maximum expected temperature outside of the cabinet?
 Office: 75-85°F Factory: 85 - 100°F Other? _____ °F.
7. What is the desired maximum temperature inside the cabinet? _____ °F.
Typical for servers is around 72°F.
8. What is the actual amount of heat dissipation from the equipment in the cabinet, as measured in Watts? _____
9. If total Watts of dissipated heat is not known, what is the total Watts of Power Consumption for all of the equipment? _____
OR, total power consumption of all of the equipment in AMPS _____
10. If the total power consumption is not known, what is the total of the rated Amps listed for all of the devices in the cabinet? _____
11. Do you have the ability to exhaust the warm air generated by the A/C unit out of your room?
 Duct up through drop down ceiling Out a wall vent Into an empty adjacent room None
 Other _____

FAQ

Where can I find the amount of dissipated heat my equipment generates?

The manufacturer of your product can give you this information. Check their web site, the technical specs on your product, or call their engineering department.

If you cannot find the amount of watts of dissipated heat your equipment generates, please furnish the total watts or amps the equipment uses. This can also be found on the technical data sheets or manufacturer's web site. Rackmount Solutions can estimate the heat dissipation from the watts or amps, but it is an estimate only. We will estimate slightly high.

Equipment being put in this rack:

**MOST
ACCURATE
Dissipated
Heat Watts**

**GOOD
ESTIMATE
Power
Consumption
Watts**

**LEAST
ACCURATE
Total
Rated
Amps**

Servers

1.	_____	_____	_____
2.	_____	_____	_____
3.	_____	_____	_____
4.	_____	_____	_____
5.	_____	_____	_____
More	_____	_____	_____

UPS

1.	_____	_____	_____
2.	_____	_____	_____

Other Items

1.	_____	_____	_____
2.	_____	_____	_____
3.	_____	_____	_____
4.	_____	_____	_____
5.	_____	_____	_____
6.	_____	_____	_____
7.	_____	_____	_____

Different size A/C units make different amounts of noise. The 10K BTU and 20K BTU may be noticeable in an office environment and should be placed in an area where it will not distract staff. Some models vent from the side, some from the back, some from the front or top. Your specific environment may require ducting the hot air from the room where the A/C is placed. If you want a copy of the A/C unit specs, please ask your salesperson to email a copy for your review.

Please send a copy of the A/C specs to email _____

DISCLAIMERS

In all cases, the accuracy and completeness of the information you provide is critical. The effectiveness of your air conditioned server rack depends on the ambient air temperature around the rack, as well as the heat your equipment is generating inside the rack. Rackmount Solutions will assist you, if needed, in helping determine how large an A/C unit is needed to provide the proper BTU of cooling. Because we are not on your premises, cannot predict or control the ambient air temperature or what equipment is being placed in the rack, final responsibility is yours in determining if the air conditioned rack selected is sufficient for your needs. The A/C unit itself is warranted for one year, and manufacturer's warranties apply. These racks are made to order and cannot be returned.

Rackmount Solutions expressly disclaims all warranties of any kind, whether express or implied, including but not limited to the implied warranties of merchantability, fitness for a particular purpose and non-infringement. You expressly understand and agree that under no circumstances shall Rackmount Solutions, Ltd. be liable for any direct, indirect, incidental, special, consequential or exemplary damages resulting from your use of our website, these materials and contents.

Our full terms and conditions are available at <http://www.rackmountsolutions.net> . I have read and understand Rackmount Solutions, Ltd's terms and conditions and agree to be bound by said terms and conditions.

X Signature _____

Fax back to your salesperson, _____ 972-276-6484