



## 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	GOOD ESTIMATE
	Dissipated Heat Watts	Power Consumption Watts
Servers	QTY	
1. _____	_____	_____
2. _____	_____	_____
3. _____	_____	_____
4. _____	_____	_____
5. _____	_____	_____
More _____	_____	_____
<b>UPS</b>		
1. _____	_____	_____
2. _____	_____	_____
<b>Other Items</b>		
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 email a copy of the A/C specs \_\_\_\_\_ @ \_\_\_\_\_

**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