

INSTALLATION/OPERATION INSTRUCTIONS

(I)HR-QBP-1 HALF RACK QUIET BLOWER PANEL



(International Models)

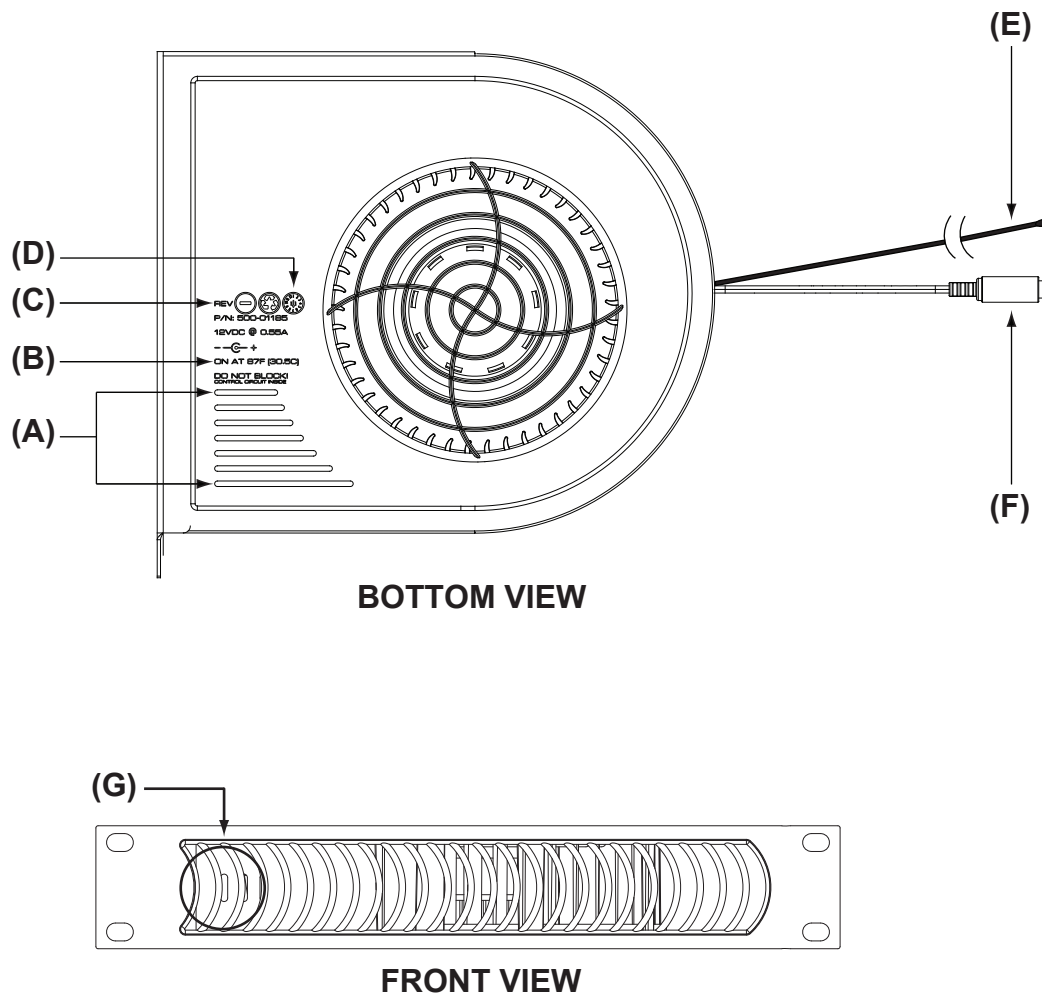


Thank you for purchasing the (I)HR-QBP-1 Half Rack Quiet Blower Panel. Please read these instructions thoroughly before installing/operating this product.

PRODUCT FEATURES

- Quiet even at full speed: proportional speed assures the quietest operation possible
- Low power consumption: blower only runs as needed and spins as fast as required by the heat load presented
- Proprietary blower provides high static pressure to maintain airflow even in crowded racks
Superior to axial fans for maintaining airflow in restricted conditions
- Attractive appearance complements finished rack appearance
- 50 CFM free air rating

PRODUCT CALLOUTS



A) CONTROL CIRCUIT VENT: Allows for air flow to the control circuit.

NOTE: DO NOT BLOCK!

B) TURN ON TEMPERATURE: The blower will turn on at 87° F (30.5° C) and run proportionately from 87° F (30.5° C) to 95° F (35° C). At 95° F and above, the blower will run at full speed. The blower will stop running at 85° F (29.4° C).

C) PRODUCT REVISION: Current revision of your (I)HR-QBP-1.

D) MANUFACTURING DATE CODE: Denotes the date the (I)HR-QBP-1 was manufactured.

E) TEMPERATURE PROBE: Temperature detection probe, nine feet (approximately three meters) long.

F) POWER CONNECTOR: Connects to the provided power supply (use the plug for your country).

G) POWER LED: Blue LED that illuminates when the unit is receiving power.

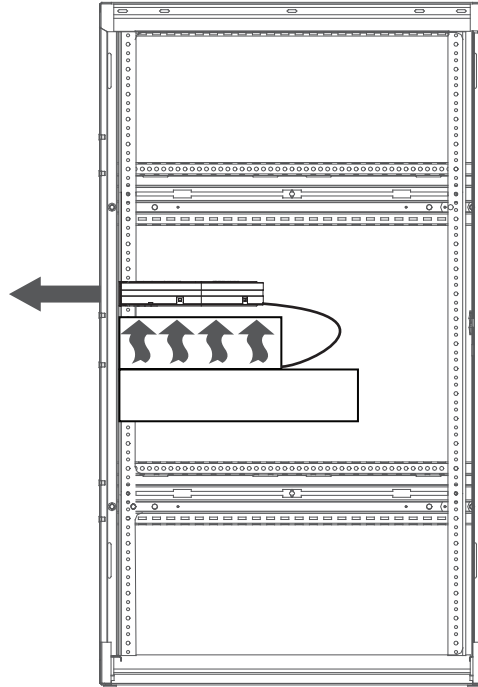
APPLICATIONS

For thermal management guidelines, visit our web site to view our thermal management white paper:

<http://www.middleatlantic.com/pdf/ThermalManagement.pdf>

REMOVING HEAT FROM A SINGLE COMPONENT:

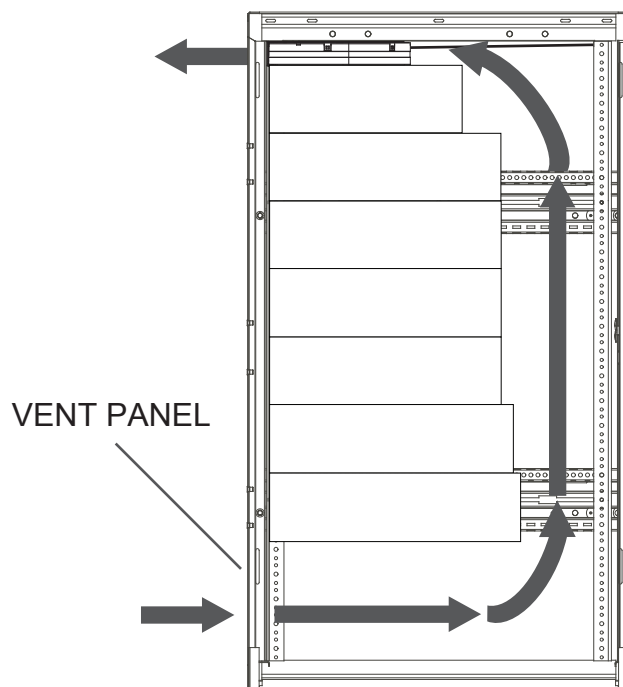
- 1) Install the (I)HR-QBP-1 directly above heat producing equipment. Run the temperature probe to the heat source.



(FIGURE A)

REMOVING HEAT FROM A POPULATED RACK:

- 1) Install the (I)HR-QBP-1 with the blower intakes facing the top of the rack. Ensure there is a vent panel installed at the bottom of the rack to allow for air flow (or equivalent venting). Mount the temperature probe at the highest available location in the rack.



(FIGURE B)



(I)HR-QBP-1



(I)HR-QBP-1 (inverted position to draw air from the top)

WARRANTY

Middle Atlantic Products (the "Company") warrants the (I)HR-QBP-1 to be free from defects in material or workmanship under normal use and conditions for a period of (3) three years from date of shipment by company.

The Company's entire liability to the purchaser, and the purchaser's (or any other party's) sole and exclusive remedy, under this warranty shall be limited, at the Company's option, to either (a) return of and refund of the price paid for, or (b) repair or replacement at the Company's factory of the products purchased, or any part or parts thereof, which the Company has determined to be defective after inspection thereof at the Company's factory.

This warranty does not cover damage due to acts of God, accident, misuse, abuse or negligence by parties other than the Company, or any modification or alteration of the products. In addition, this warranty does not cover damage due to improper handling, assembly, installation or maintenance.

THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

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