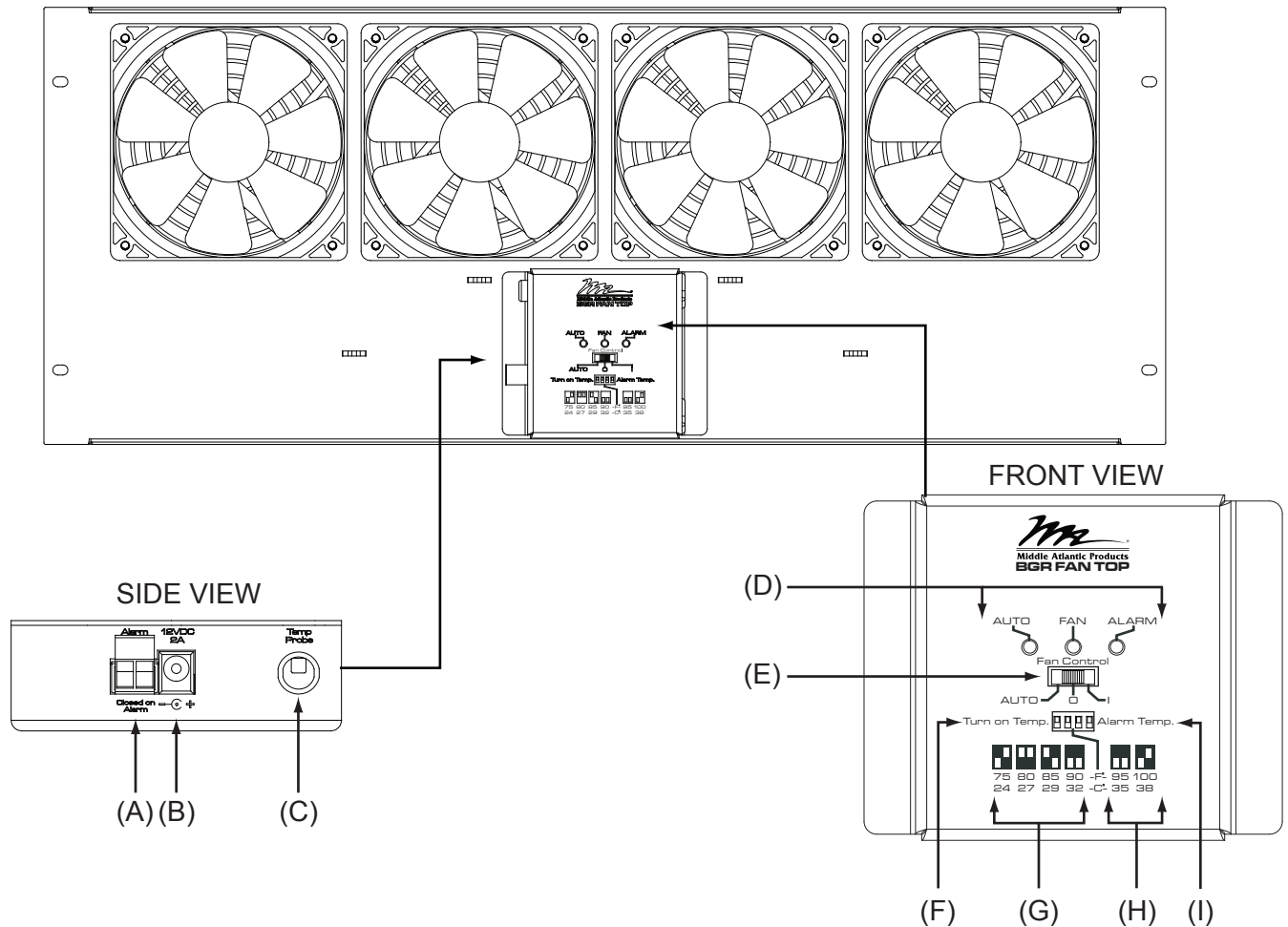


OPERATION/INSTALLATION INSTRUCTIONS BGR SERIES FAN TOPS



OPERATION FOR THE (I)BGR-276FT-FC/(I)BGR-552FT-FC (CONTROLLED MODELS)

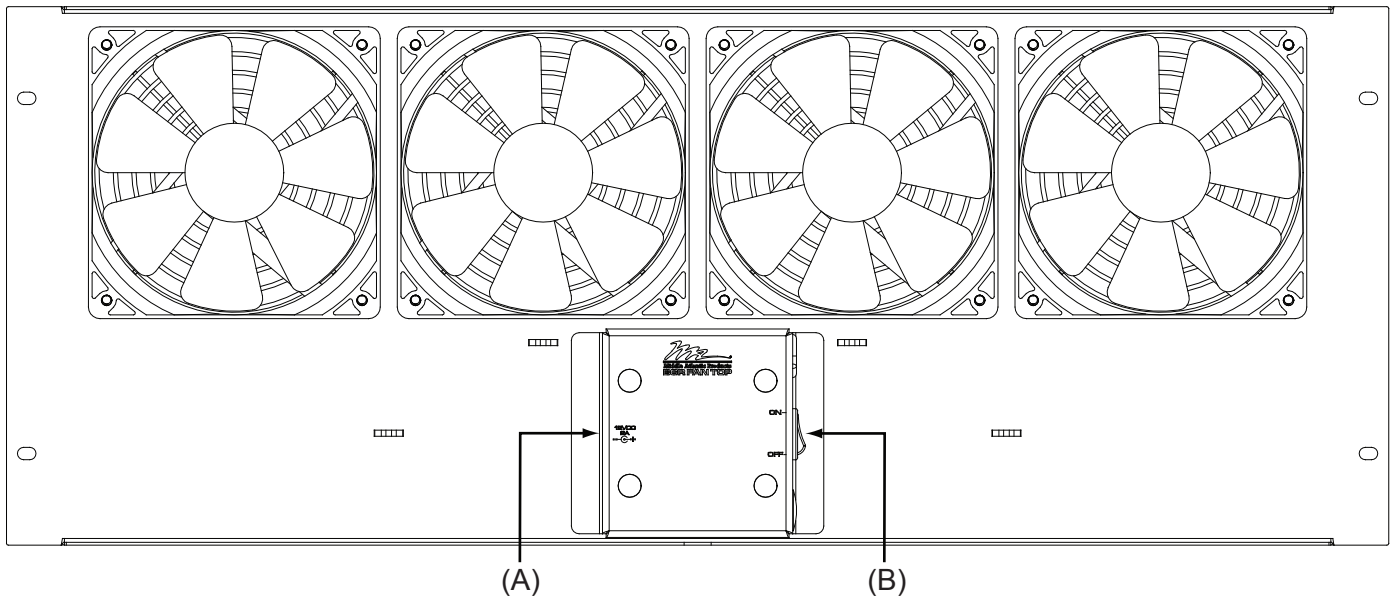
(I)BGR-276FT-FC SHOWN



- A) Dry Contact Alarm Notification: The contact will close for notification if the fan goes into an alarm state.
- B) Power Supply Input: 12VDC, 2A. For international models, select the appropriate wall plug adapter.
- C) Temperature Probe: Six feet long. Mount at the highest available location in the rack.
- D) Notification LEDs: Functions listed below.
- Auto LED: This LED will illuminate yellow when in auto mode.
 - Fan LED: This LED illuminates green when the fans are always on. If in auto mode, the LED will blink proportional to the fan speed.
 - Alarm LED: This LED will illuminate red if the alarm temperature is reached. This LED will remain illuminated until the temperature has gone two degrees below the alarm temperature.
- E) Control Switch: Three position switch used to control the fans' mode. Modes detailed below.
- Auto Mode: The fans will turn on and off based on the turn on temperature dip switch settings. The fan speed will be proportional to the temperature in this mode.
 - Off (O) Mode: The fans will always be off.
 - On (I) Mode: The fans will always be on.
- F) Turn Off Temperature Switches: These switches control the turn on temperature of the fans when the control switch is in the auto position.
- G) Graphical Depictions of the Fan Turn on Speeds: There are four temperature settings, 75°F (24°C), 80°F (27°C), 85°F (29°C) and 90°F (32°C).
- H) Graphical Depictions of the Alarm Temperatures: There are two alarm settings, 95°F (35°C) and 100°F (38°C).
- I) Alarm Temperature Switches: These switches control the alarm temperature when the control switch is in the on or auto position.

OPERATION FOR THE (I)BGR-276FT/(I)BGR-552FT (UNCONTROLLED UNITS)

(I)BGR-276FT SHOWN



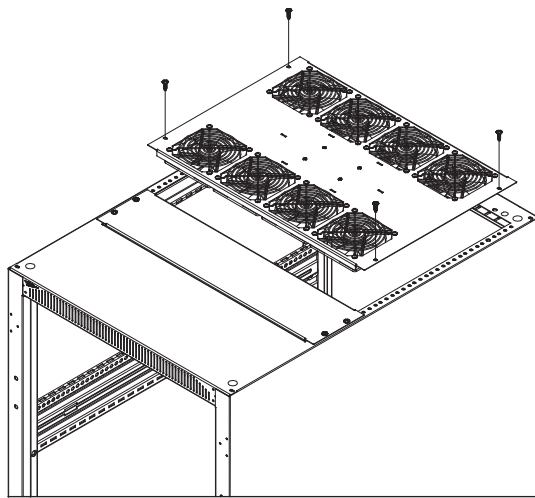
A) Power Supply Input: 12VDC, 2A.

B) On/Off Power Switch: When in the on position, the fans will constantly run. When in the off position the fans will not run.

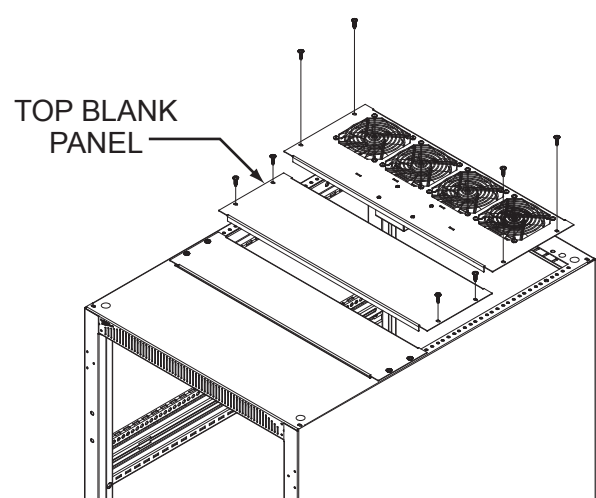
INSTALLATION

1) Install fan tops as shown using 10-32 rackscrews.

NOTE: The (I)BGR-276 models come with a four space blank panel. All top panels can be relocated based on your thermal management requirements.



(I)BGR-552FT/(I)BGR-552FT-FC MODELS



(I)BGR-276FT/(I)BGR-276FT-FC MODELS

WARRANTY

Middle Atlantic Products, Inc. (the "Company") warrants the BGR Series Fan Tops to be free from defects in material or workmanship under normal use and conditions for a period of three (3) years from date of shipment by the 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.

TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, IN NO EVENT SHALL THE COMPANY BE LIABLE FOR ANY SPECIAL, INCIDENTAL, INDIRECT, OR CONSEQUENTIAL DAMAGES WHATSOEVER (INCLUDING, WITHOUT LIMITATION, DAMAGES FOR LOSS OF BUSINESS PROFITS, BUSINESS INTERRUPTION OR ANY OTHER PECUNIARY LOSS) ARISING OUT OF THE USE OF THE PRODUCTS PURCHASED, EVEN IF THE COMPANY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. THE COMPANY'S LIABILITY TO THE PURCHASER (OR ANY OTHER PARTY) HEREUNDER, IF ANY, SHALL IN NO EVENT EXCEED THE PURCHASE PRICE OF THE PRODUCTS PAID TO THE COMPANY.