

PRODUCT SPECIFICATIONS, WARRANTY, INSTALLATION INFORMATION



ATMOX 150W POWER SUPPLY BOOSTER

03-800-220

Specifications:

Usage:	Variable from 1.5 to 150 Watts
Input Voltage:	85-132V AC
Output Voltage:	12-13V DC
Output Current Range:	0-12.5A
Included Components:	Red/Black Banana Plugs Connection Wire with Blue/Black Plugs

LIMITED THREE-YEAR WARRANTY

When installed, operated, used and maintained as intended in residential applications and according to the instructions supplied with ATMOX products, ATMOX warrants its products for a period of 3-years from the date of purchase against any defects in material and workmanship. The products covered by this warranty include the control boxes, fans, sensors and wiring manufactured by ATMOX. ATMOX will repair or replace, at ATMOX's option, any ATMOX product or component found to be defective within the 3-year warranty period.

ATMOX products are designed to improve conditions in the crawlspace, basement or attic, yet are limited by atmospheric and natural conditions over which ATMOX has no control and which are not covered by this warranty. ATMOX products are not warranted against damage caused by electrical surges, fire or other casualty, vandalism, or acts of God (including lightning strikes and floods). This warranty does not make representations regarding mold, insects, termites, water, rot, electrical, HVAC, roof, framing, foundation, floors, drywall, gutters, ice dams or other problems that may occur in a house structure. The warranty does not include any costs of removal or reinstallation.

Third-party products by other manufacturers sold by ATMOX (such as dehumidifiers) are not covered by this warranty but may be covered under separate warranties by the product's manufacturer. Purchaser should contact third party manufacturers for warranty claims and coverage of third-party products not manufactured by ATMOX.

ATMOX INC'S LIABILITY UNDER THIS LIMITED WARRANTY IS STRICTLY LIMITED TO REPAIR OR REPLACEMENT OF DEFECTIVE ATMOX PRODUCTS. OTHER THAN THE WARRANTIES EXPRESSLY DESCRIBED HEREIN, ATMOX DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. ATMOX WILL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES.

Some states do not allow certain limitations and exclusions of warranty, so these exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.

WARNING: Cancer and Reproductive Harm – For more information, go to www.P65Warnings.ca.gov

INSTALLATION INFORMATION

Overview:

The Power Supply Booster is designed to provide power for additional fans or lights beyond the available 150 watts of power from the ATMOX Controller. The Power Supply Booster will not operate independently from the controller.

Use only approved ATMOX Fans and Accessories with the ATMOX Power Supply Booster.

For maximum number of fans or lights, see Product Specifications for ATMOX components for usage information.

Before beginning this install, follow all installation instructions for the ATMOX Controller being used.

Mounting:

Assembly Steps:

- 1 Find a location near an available electrical outlet for mounting. Don't place in an outside location.
- 2 Mount using four screw holes. (Screws not included.)

Connect Booster to Controller:

- 1 Plug one end of the Blue and Black Banana Plugs from the Booster Connection Wire into the jacks on the bottom of the Power Booster.
- 2 Plug the other end the Blue and Black Banana Plugs into the jacks on the ATMOX Controller based on usage. See examples for setup options on next page.



Setting Menu Adjustment:

IMPORTANT INFORMATION FOR ACE AND APEX CONTROLLERS.

Depending on setup an ACE or APEX controller with Booster may trigger an alert such as RED ERROR – NOT DETECTED.



To clear the error, go to the Settings Menu of the Display by pressing the Home Button for five seconds.



Scroll through the screens by pressing information button until you see this screen.

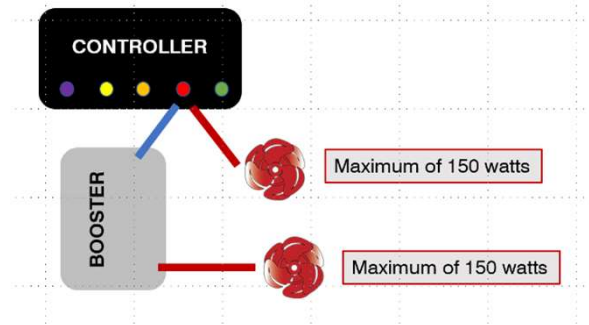
A screenshot of a green rectangular screen with the text "OUTPUT DETECTION" on the top line and "ALERTS Y" on the bottom line.



Change the value to N by pressing the N button and then press information button to save changes. Continue pressing information button to scroll to end of the Menu.

EXAMPLES OF SETUP

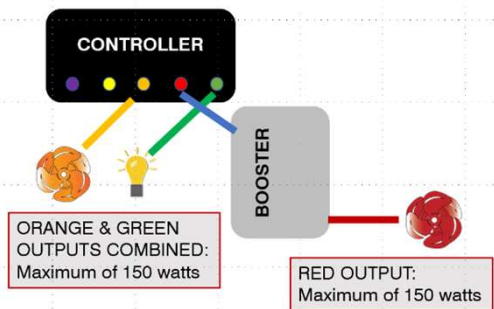
One output line exceeds 150 watts:



- 1 Split the fans being installed on the output line into two groups by location. Be sure that each group does not exceed 150 watts.
- 2 Take the first group of fans and attach to low voltage wire and the red and black ports on controller.
- 3 Take the Blue and Black plugs from Booster Connection Wire and plug over the Red and Black plugs. Blue plugs into Red and Black plugs into Black.
- 4 Take the second group of fans and attach to low voltage wire and connect with the red and black ports on power booster.

If additional output lines are being used, then group the maximum number of fans to attach to the booster. The watts used by remaining fans powered directly from the controller need to be added to the fans and lights on other outputs. The total watts used by all of these combined outputs cannot exceed 150 watts unless an additional power booster is being used.

One output line exceeds 150 watts:



All fans running on Red output are less than 150 watts.

All fans and lights running on Orange + Green + Purple outputs combined are less than 150 watts.

- 1 Take the Blue and Black plugs from Booster Connection Wire and plug into red and black ports on the controller. Blue plugs into Red and Black plugs into Black.
- 2 Take the fans running on red output line and attach to low voltage wire and connect with the red and black ports on the power booster.
- 3 For all remaining fans and lights, attach to low voltage wire and appropriate banana plugs per output line and connect to controller as you would without a booster installation.

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