

Battery Box Ventilator And Back-Draft Damper

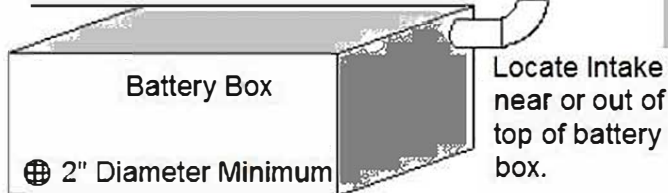
Example Vent Installation Diagram w/ Wiring

Schematic

Mechanical Diagram

Use PVC dwv pipe and fittings
Use curved elbows as opposed to Sharp 90 degree turns. No more than 4 - 90 degree elbows should be used

POWER VENT installed vertically with label right side up
Do not glue these joints
Gluing voids warranty and makes fan replacement difficult



Screened vent. Located near the bottom, directly opposite from fan intake.

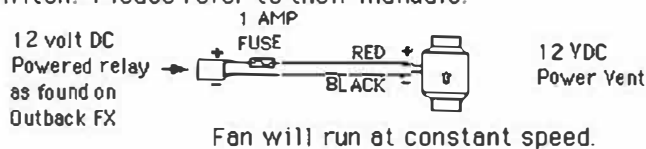


NOTE:

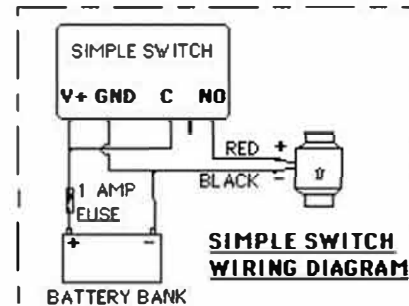
48 VOLT POWER VENTS have a 2" intake and 3" output.



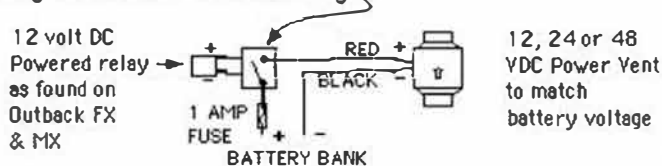
OUTBACK INVERTERS and others may have a 12 volt powered relay that can power a 12 volt Power Vent directly or power an extra relay in lieu of a Simple Switch. Please refer to their manuals.



*The MX Charge Controller aux. relay does not provide enough power to run the fan, use the option below.



Option: Run Power Vent on actual battery voltage by using additional 12 volt relay.



This configuration allows the fan to increase speed and output as voltage and gassing increases.

