INSTALLATION INSTRUCTIONS

Thank you for purchasing **EVACUATOR+** a uniquely designed control module with Smart Device connectivity to control your boat's onboard blower motor for customized operation. Using the **EVACUATOR+** Mobile App you can cycle air through your boat's confined spaces on a daily schedule. Daily use of your onboard blower will reduce:

- Fumes/vapors
- Humidity
- Heat
- Mold
- Condensation
- Odor
- Corrosion

INSTALLATION INSTRUCTIONS:

Note – This unit is compatible with positive wired systems only.

1. The unit should be wired in parallel with your existing blower wiring or solenoid installation. This will allow you to retain manual control at your helm station of the blower when desired. An optional switch could be added to allow you to disable the automatic operation of EVACUATOR+.

2. Pull the circuit breaker or disconnect the power source for the onboard blower motor.

3. Disconnect the +12 vdc power wire from your existing onboard blower.

4. On the EVACUATOR+ wire bundle, connect the RED +/BLACK - wires to a constant or switched power source and ground respectively, this source provides power at all times to the control board for running the blower.

5. On the EVACUATOR+ wire bundle, connect the single YELLOW wire to the blower's positive wire or solenoid power wire.

6. Once power is applied to EVACUATOR+, the controller will run your blower for 10 minutes.

7. Download the free **EVACUATOR+** Mobile App on your Apple or Android device for customized connectivity!

MOBILE APP INSTRUCTIONS:

TIMER MENU:

The **EVACUATOR+** Mobile App includes a "Run on Demand" single use option, as well as an automated "Run on Connect" and "Run on Disconnect" feature on the Timer menu.

When choosing these features, your **EVACUATOR+** App must remain running in the background. The "Run on Demand" option allows for single use of **EVACUATOR+** for 15-60 minutes. Turn this option on or off when needed.

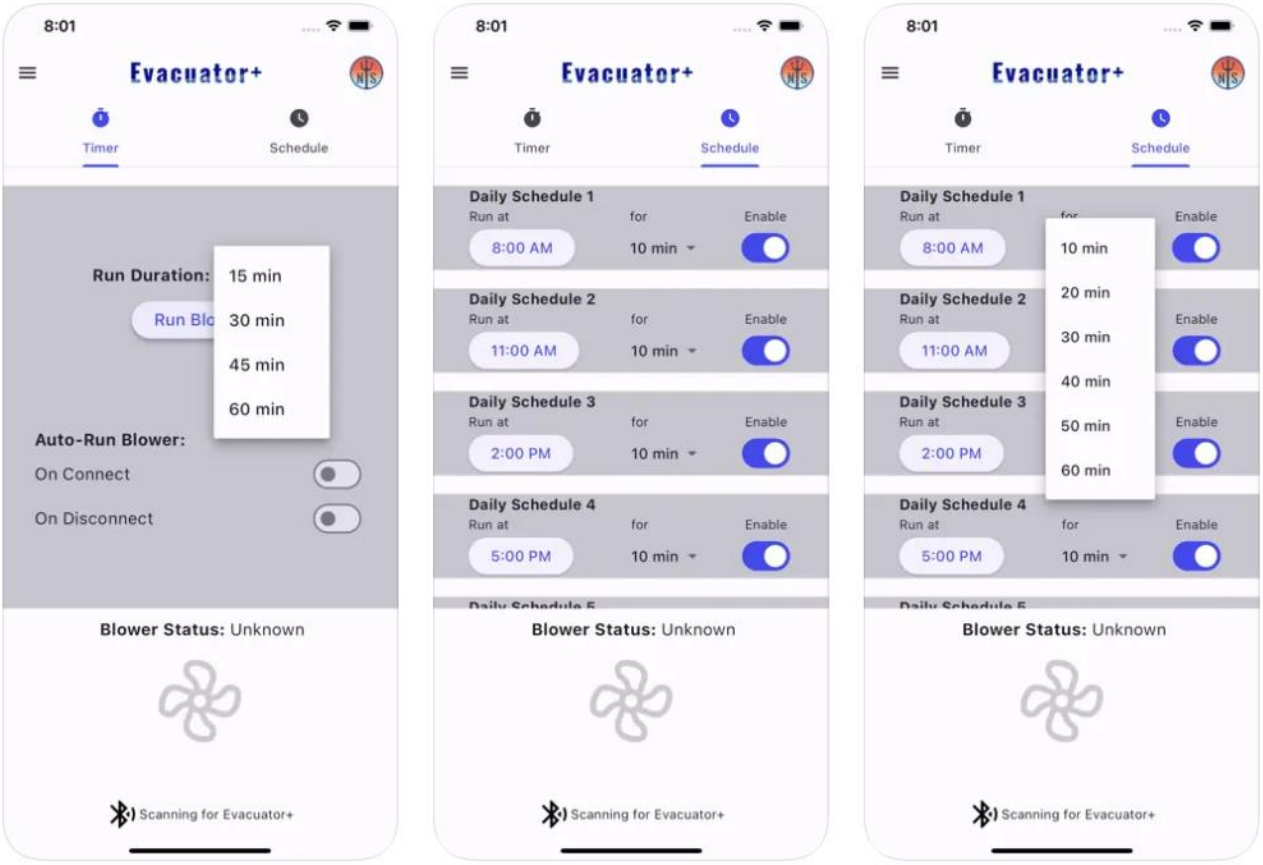
If "Run on Connect" is enabled on your Mobile App, **EVACUATOR+** will automatically run your blower for 15 minutes upon establishing a Bluetooth connection.
(Proximity logic - approx. 30 feet).

If "Run on Disconnect" is enabled, **EVACUATOR+** will automatically run your blower for 30 minutes when leaving your boat for the day. (Proximity logic - approx. 30 feet).

**For example….
"Run on Disconnect" feature activates blower operation for 30 minutes, when your wireless connection is lost. You can unload your gear, wash your boat, and leave the dock knowing your onboard blower will cycling fresh, clean air to your engine room as you walk away.**

SCHEDULE MENU:

EVACUATOR+ allows for customization of up to five Daily Schedules to run your boat's onboard blower. Schedule your blower to run up to five times a day in 10-60 minute increments. You will see a noticeable reduction in moisture, odor, and corrosion when **EVACUATOR+** cycles air through your boat's confined spaces more frequently.


8:01
Evacuator+
Timer
Schedule
Run Duration:
15 min
Run Blo
30 min
45 min
60 min
Auto-Run Blower:
On Connect
On Disconnect
Blower Status: Unknown
Scanning for Evacuator+
8:01
Evacuator+
Timer
Schedule
Daily Schedule 1
Run at
for
Enable
8:00 AM
10 min
Daily Schedule 2
Run at
for
Enable
11:00 AM
10 min
Daily Schedule 3
Run at
for
Enable
2:00 PM
10 min
Daily Schedule 4
Run at
for
Enable
5:00 PM
10 min
Blower Status: Unknown
Scanning for Evacuator+
8:01
Evacuator+
Timer
Schedule
Daily Schedule 1
Run at
Enable
8:00 AM
10 min
20 min
30 min
40 min
50 min
60 min
Daily Schedule 2
Run at
Enable
11:00 AM
Daily Schedule 3
Run at
Enable
2:00 PM
Daily Schedule 4
Run at
for
Enable
5:00 PM
10 min
Blower Status: Unknown
Scanning for Evacuator+

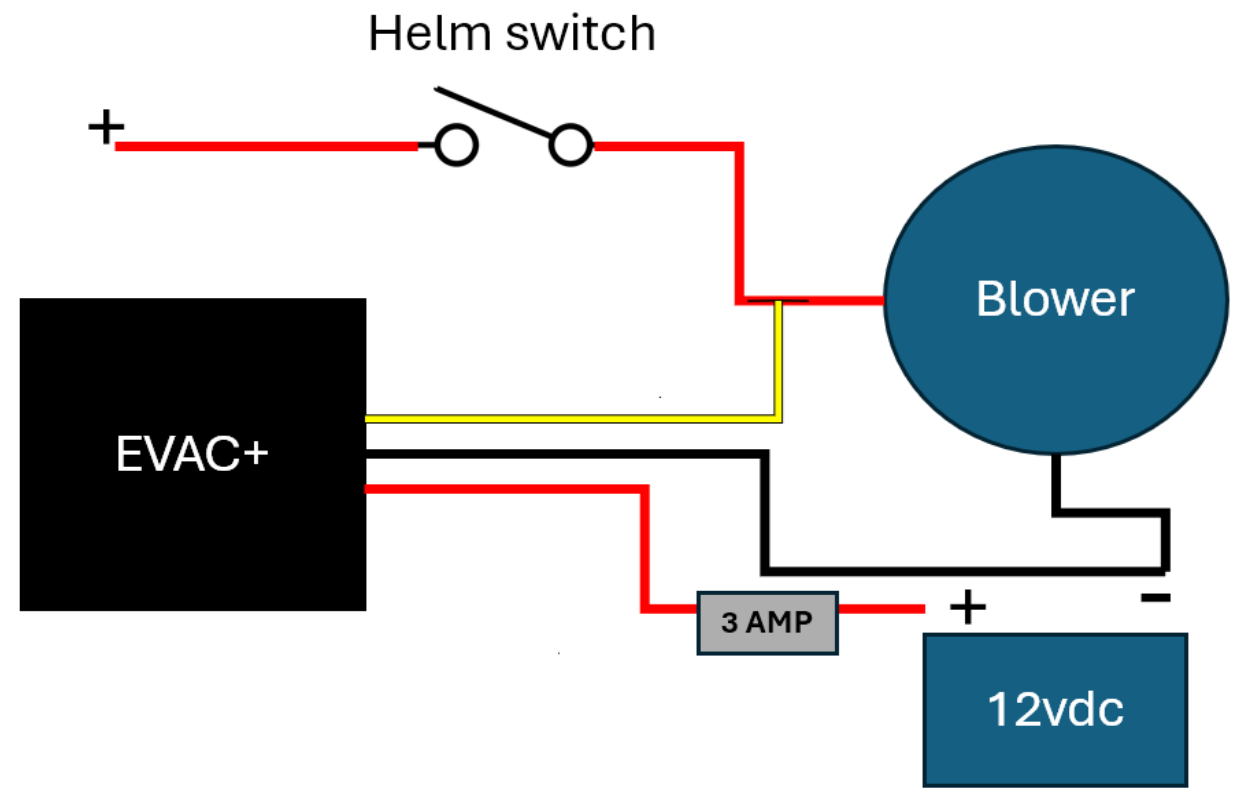


Figure 1. Positive + Blower control Wiring installation

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[1] Notes on proper electrical connections:

American Boat and Yacht Council (ABYC) standards state that “current-carrying conductors shall be routed as high as practicable above the bilge water level and other areas where water may accumulate. If conductors must be routed in the bilge or other areas where water may accumulate, the connections shall be watertight (11.14.4.1.5).” Wires run in engine spaces need to be marked “oil resistant” and “75°C.”

Per ABYC (E-11.16.3.7) “solder shall not be the sole means of mechanical connection in any circuit.”

Per ABYC (11.14.3.8) “solderless crimp-on connectors shall be attached with the type of crimping tools designed for the connector used, and that will produce a connection meeting the requirements of E-11.14.3.3.”

When attaching a wire to a terminal screw, always use a ring terminal (preferred) or captive spade terminal, rather than bare wires or a non-captive spade terminal.

Crimp connectors are recommended, but only when using a quality crimp tool that was designed for the specific connector being used.

The connections should be sealed using heat shrink tubing with adhesive to prevent corrosion and water ingress.

Wires should NOT be joined with wire nuts or by twisting together and covering with electrical tape.