attwood

TURBO IN-LINE BILGE BLOWERS

INSTALLATION INSTRUCTIONS 09/01 69465 Rev. A

SAVE THESE INSTRUCTIONS

Model No.	Specification Voltage	CFM Open Flow	CFM In System	Amp Draw	Fuse Size
Turbo 3000	13.6	145	100	3.1	4-amp
Turbo 4000	13.6	230	125	2.9	5-amp
Turbo 4000 (24V)	27.2	230	125	2.0	3-amp

*In system = 3 ft. of duct with one 90° bend, a collector box and louvered vent on discharge side of blower.

Blower models 1733, 1734, 1743, 1749 and 1751 (24V, 4") are water resistant. Models 1731, 1741 and 1747 are not water-resistant. All Turbo blowers are ignition protected.

Connect to 12-volt D.C. systems only (24 volt for Model 1751).

⚠ WARNING:

To prevent personal injury, always disconnect electrical connection when installing or servicing this product.

Always use a fuse with amperage rating specified for the blower model.

Before starting engines, operate blower a minimum of four minutes, then check engine compartment for fume odor. Operate blowers when motoring below 5 miles per hour.

Do not operate in area of high heat over 160° F (71°C).

Do not operate while refueling.

MOUNTING INSTRUCTIONS

1. Select a flat mounting surface high above the bilge, clear of moisture from spray or deck wash.
2. Position blower with the flow arrow pointing toward exhaust vent. Also, mount blower at an angle to prevent moisture build-up. See Figure 1.
3. Mark mounting holes. Drill holes for #10 screws and secure unit in place using stainless steel screws. Do not over tighten screws.
4. Twist duct hose over exhaust and intake openings on blower. Ensure the retainer tabs engage corrugated rings of hose.
5. Install tie strap or hose clamp on the hose. Position the strap or clamp around blower housing, beyond the tabs. Tighten the strap. Do not overtighten straps or clamps.
6. Route intake end of hose directly to the lowest point in the bilge, with as few bends as possible. The hose pick-up must not be low enough to become submerged in bilge water. See Figure 1.
7. Route exhaust end of hose directly to vent or vent collector box, with as few bends as possible. Connect hose securely to vent. See Figure 1.

Figure 1

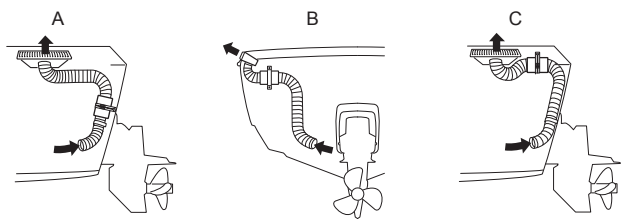

Figure 1
A. Vertical Transom Mount
B. Horizontal Transom Mount
C. Deck Mount

Abbildung 1
A. Senkrechte Montage am Heckspiegel
B. Horizontale Montage am Heckspiegel
C. Montage an Deck

Figure 1
A. Montage de tableau vertical
B. Montage de tableau horizontal
C. Montage sur le pont

Figur 1
A. vertikalt akterspegelfäste
B. horisontellt akterspegelfäste
C. däcksfäste

Figura 1
A. Montaje de bovedilla vertical
B. Montaje de bovedilla horizontal
C. Montaje de la cubierta

WIRING INSTRUCTIONS

Fuse holder must be installed within 72" (183cm) of the battery (+) terminal. See table for proper fuse size. Connect ON/OFF switch into the circuit and mount it in the dash control panel.

⚠ WARNING

GASOLINE VAPORS CAN EXPLODE
BEFORE STARTING ENGINE:
OPERATE BLOWER FOR 4 MINUTES
CHECK ENGINE COMP'T FOR GAS OR VAPORS
RUN BLOWER WHEN BELOW CRUISING SPEED

Figure 2

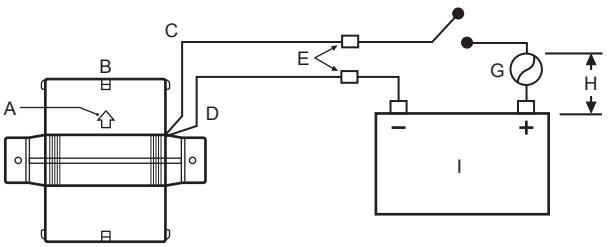

Figure 2
A. Flow Arrow
B. Bilge Blower
C. Yellow
D. Black
E. Wire Connectors If Required
F. Switch
G. Fuse
H. 72" (183 cm) max
I. Battery

Abbildung 2
A. Durchflusspfeil
B. Bilgenlüfter
C. Gelb
D. Schwarz
E. Drahtverbinder, falls erforderlich
F. Schalter
G. Sicherung
H. Maximal 183 cm (72 Zoll)
I. Akku

Figure 2
A. Flèche de débit
B. Ventilateur de cale
C. Jaune
D. Noir
E. Connecteurs de fil si requis
F. Interrupteur
G. Fusible
H. 183 cm maximum
I. Batterie

Figur 2
A. strömningspil
B. slagvattensfläkt
C. gul
D. svart
E. kabelkontakter vid behov
F. strömbrytare
G. säkring
H. maximalt 72 tum (183 cm)
I. batteri

Figura 2
A. Flecha de flujo
B. Soplador de sentina
C. Amarillo
D. Negro
E. Conectores del cable si se requieren
F. Interruptor
G. Fusible
H. 1,8 m como máx.
I. Batería

ABYC H2/IS0 9097 MARINE BLOWER PERFORMANCE SPECIFICATIONS