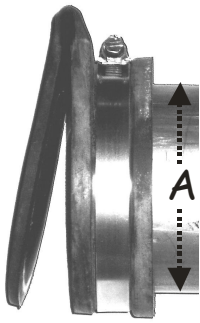


Measurements needed for your boat's Fresh Air Exhaust

First determine which type and size exhaust outlet your boat has and enter as measurement **A**.

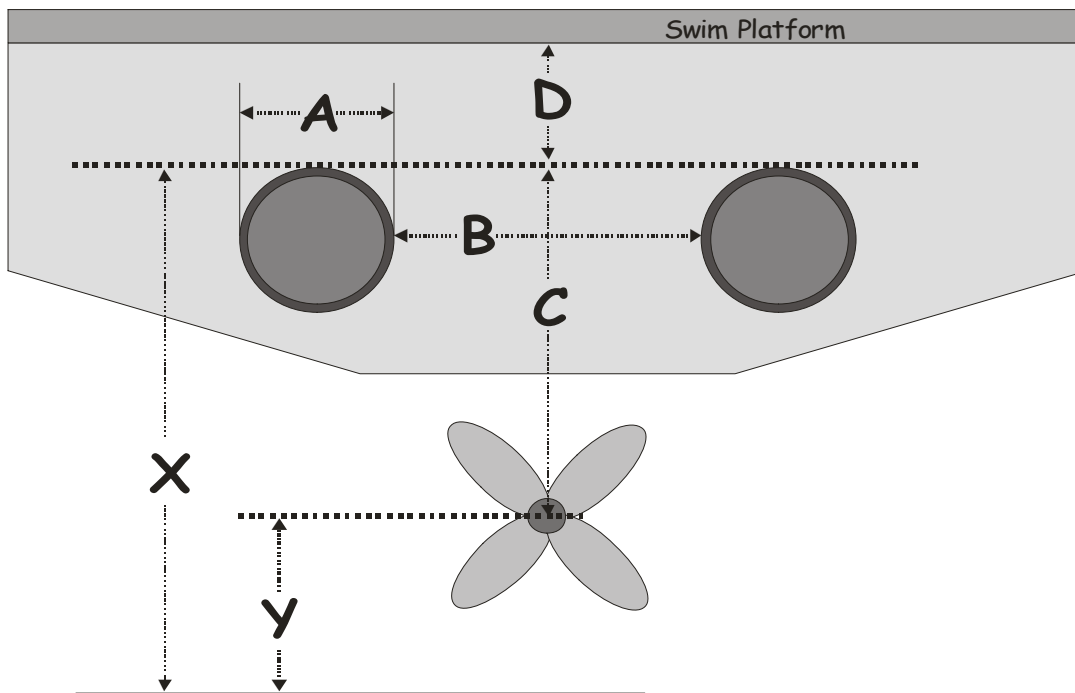


If your boat's exhaust outlet is like this, the pipe diameter will be either 3, 3-½, or 4 inches.

If your boat's exhaust outlet is like this, measure the **outside** of the plastic. The diameter will be either 4 ½, 5 ½ or 6 inches.



Next, looking at the back of your boat (the transom), obtain the following measurements.



B is the distance between the **inside** edges of the exhaust outlets. This measurement is typically between 10 and 15 inches. This measurement needs to be accurate within ¼".

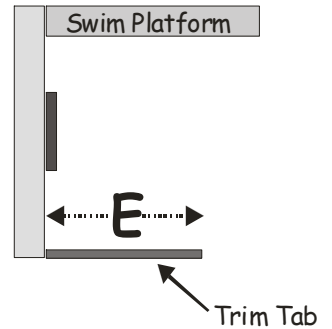
C is the distance between the top of the exhaust outlet and the center of the propeller. This measurement is typically between 14 and 16 inches and needs to be accurate within ½". One method to obtain measurement **C** is to measure from the top of the exhaust outlets to the ground (**X**) and then measure from the center of the propeller to the ground (**Y**). The difference between these 2 measurements equals **C**.

X=	Minus	Y=	Equals	C=
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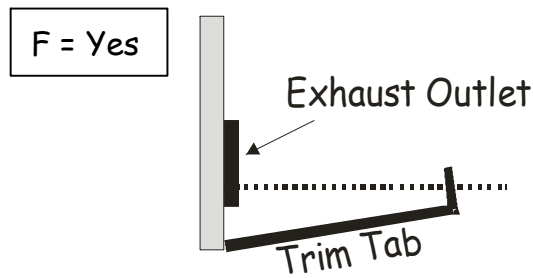
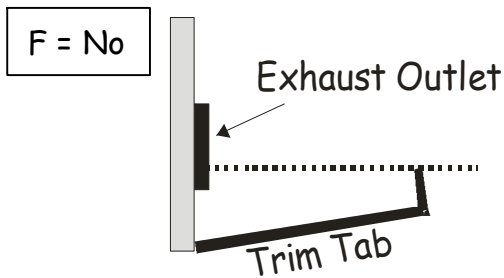
D is the distance between the top of the exhaust outlets and the bottom of the swim platform. This measurement is typically between 3 and 9 inches and needs to be accurate within ½".

Continued on the next page.

If your boat does not have a trim plate, then measurement **E** equals zero and you can skip this section. If it does, measurement **E** is shown at right and is typically between 3 and 9 inches



With the trim plate in the fully up position as shown in the 2 drawings below, determine if the trim tab raises above the bottom of the exhaust outlet. The bottom of the exhaust outlet is the bottom of the opening, not the bottom of the plastic housing. If the trim tab raises above the bottom of the exhaust outlet opening, measure **F** equals yes. You can lay a ruler in the exhaust opening to help make this determination.



Next, obtain your boat's swim platform measurements. The measurements needed from your swim platform are shown on the next page.

Record your measurements below, and email or phone this information to us at: mail@boatpipes.com 512.647.7321 If you wish to fax this page, please call first.

Brand		Year		Style/Model	
A=	B=	C=	D=	E=	F= Yes / No
P1 2 or 3	P2 inches	P3 inches	P4 inches		
P5 Yes or No	P6 inches	P7 inches	P8 Flat or T-shaped		

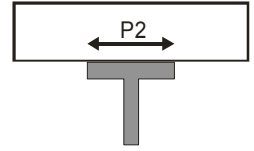
If you have a digital camera, pictures of your boat's exhaust outlets, swim platform, and platform brackets may be helpful. Send them by email to: mail@boatpipes.com

Continued on the next page.

Swim Platform Measurements

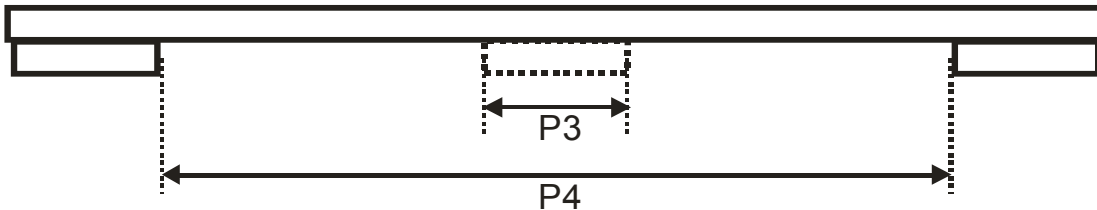
P1 - How many metal support brackets does your boat's swim platform have, 2 or 3?

P2 - What is the width of the top of the metal bracket, the part the swim platform screws to?



For Teak Wood Swim Platforms:

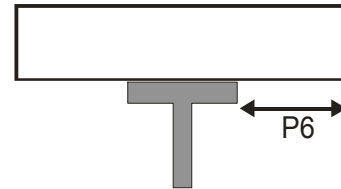
P3 - The wood on the top of your teak swim platform runs left to right. There are wood supports underneath that run front to back. If there is a wood support in the middle of your swim platform, how wide is it? If there is not a wood support in the middle, enter zero (0).



P4 - There will be wood supports to the left and to the right of center. What is the distance between these wood supports?

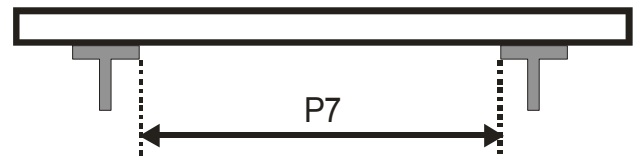
P5 - Are there metal brackets under these wood supports?

P6 - If yes, what is the distance between the edge of the metal bracket and the edge of the wood support (measure the inside edge; the side towards the midline of the boat)?

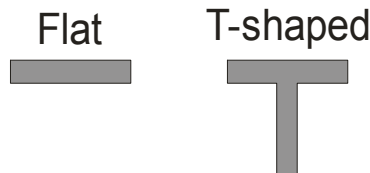


For Fiberglass Swim Platforms:

P7 - What is the distance between the 2 outer metal brackets? If there is a third, center bracket, ignore it for this measurement.



P8 - Is the top portion of the metal bracket Flat or T-shaped?



This picture shows a flat top bracket. The part hanging by the bolt in this picture is how the FAE typically mounts on a fiberglass swim platform.

If you are not sure, call us at 512.647.7321 while you are measuring your boat and we will explain what is needed.