GUARANTEE We guarantee this Airguide Instrument to be free from defects of warkmanship or material and to remain accurate in normal use. If within one year of purchase date this instrument fails ta give satisfactory service, it will be repaired or replaced without charge. This guarantee does not cover breakage through accident or misuse. Replacement will be made if this instrument is returned postpaid to AIRGUIDE INSTRUMENT COMPANY 2210 Wabansia Avenue Chicago, Illinois 60647

Airquide Marine Tachometer

Models 666-A and 666-B (Sea Speed® Models)

Models 667-A and 667-B) (Stainless Steel Models)

FOR MERCURY OUTBOARDS WITH CAPACITOR DISCHARGE IGNITION SYSTEMS

Instructions for Installation and Use

Individual Models to Suit Ignition System

This Airguide tachometer is designed to operate only on Mercury motors with Copacitor Discharge Ignition. The tachometer is designed to plug into the socket provided on the throttle control box supplied for these Mercury models. It is not compatible with other motors with other types of ignition. These models are supplied complete with meter, 5 foot long wiring harness and instructions. A separate transmitter is not used.

Useful Accessory for Pleasure and Performance

Many benefits are gained by the use of an accurate tachometer with your inboard or authorize engine. Increased economy, performance and longer engine life can be obtained by operating your motor within the R.P.M. ranges suggested by the manufacturer. Improvements in propeller selection, motor positioning, boat trim and engine tune are immediately apparent. Airguide marine tachometers are ruggedly designed to give long and accurate service, and to add to your boating pleasure.

Location of the Indicator

Locate the tachometer indicator in a position where it may be easily seen from the helm. Remember to check the area behind the maunting position to be sure that it is accessible for the attachment of wires. In the case of flush mounting models, allow sufficient clearance for the case back which extends approximately 1" behind the instrument bezel ring.

Airguide tachometers use a special meter movement having a low external magnetic field to minimize compass interference, but it is advisable that at

least 10 inches be allowed between the Indicator and any compass, to prevent possible compass errors. The indicator and the wires connecting the indicator to the transmitter should be kept away from a radio transmitter and its associated wiring to prevent tachometer error or damage when the radio is in use. Consideration should also be given to the possibility of the addition of other matching Airguide marine instruments such as speedometers, etc.

Installing the Indicator

Use the enclased template to mark the location of hales necessary to mount the indicator. Drill or cut the holes to the sizes indicated and secure the meter by means of the avail head screws provided.

Cut the wiring horness to length, leaving enough slack to easily connect the wires to the meter. Strip the ends of the three horness leads about 1/4 inch.

Attach the Black Horness lead to the Black Meter lead by inserting the two bared wire ends into one of the solderless connectors provided and twisting the connector in a clockwise direction, Connect the Green Horness lead to the Green Meter lead in a similar manner.

On Models 667-A and B (Stoinless Steel cases), use a third connector to join the White harness lead to the Gray light wire. Connect the Block light wire (marked GRD.) to a good electrical ground.

On Models 666-A and B Sea Speed* tochometers the White lead is not used, and should be toped to insulate it securely.

Route the barness to the throttle control box and plug the connector on the harness into the receptocle on the control box. The tachameter is now ready to operate.

Using the Dial Pointer (Stainless Steel Models Only)

The Dial Pointer on Airguide wide sweep tochometers can be used either as a "red line" or as a tune-up and propeller selection guide. By aiming the painter at the maximum safe R.P.M. for your motor (check your owner's manual or with your dealer) you can have a fixed reference which will indicate the safe upper aperating limit of your engine. By setting the Dial Pointer at the maximum engine speed at a given throttle opening, it can easily be seen whether changes in engine tune, boat trim or propeller selection are benefiting your performance.

