

INSTRUCTION SHEET 167RYN REVERSE “Y” ADAPTER

Congratulations on buying your new MARINCO 167RYN! We expect it will become an integral part of your shore power needs. The following information will insure safe operation and years of trouble-free service.

MARINCO, an American manufacturer based in Napa, California, has one of the strongest service records in the marine industry.

GENERAL

Read the following instructions before using the REVERSE Y.

The MARINCO REVERSE Y (cat. #167RYN) is for use with boats with **50A 125V/250 volt inlets** where only 30A 125 volt receptacles are available on the dock. Boats with **50A 125 volt inlets** cannot use the Reverse Y.

The two 30A 125 volt dockside receptacles must be supplied from a single power source which provides from **208 volts to 250 volts between them**, otherwise the REVERSE Y will not operate.

!!WARNING!!

To prevent electrocution or fire, comply with the following:

DO NOT plug the REVERSE Y into receptacles from two different power boxes. The REVERSE Y must receive power from a single source (transformer). Receptacles in different power boxes may receive their power from two different transformers.

DO NOT allow the REVERSE Y to be immersed in water. If the unit is dropped in the water, contact the factory.

STORE the REVERSE Y indoors while not in use.

ALWAYS USE the sealing collar provided with the REVERSE Y to connect the boat's 50A shore power cord to the REVERSE Y. The sealing collar provides a weather resistant seal between the plug and the connector. If the boat's shore power cord is not made by MARINCO, other provisions must be made to make the connection weather resistant.

OPERATING INSTRUCTIONS

Before using the MARINCO REVERSE Y, make sure that the shore power switch on the boat is turned off.

Connect the boat's shore power cable. Tighten the sealing collar between the REVERSE Y and the shore power cable to provide a weather resistant seal.

Insert both plugs of the REVERSE Y into two 30A 125 volt receptacles on the dock. Both receptacles must be contained within a single power box.

The LED in the 50A connector should light indicating that power is now available to the boat; if not, check for one of the conditions listed below.

TROUBLE SHOOTING – NO POWER OR PARTIAL POWER, TO THE BOAT

1. Check for reverse polarity in one or both dockside receptacles. This can be checked using a MARINCO 9030 circuit tester.
2. Even though each dockside receptacle is rated 125 volts, **THERE MUST BE OVER 200 VOLTS BETWEEN THEM** for the REVERSE Y to work. Contact the marina to find out if a nominal 208 volts or 250 volts is available between the receptacles.
3. Check for power to one or both dockside receptacles and make certain the dockside circuit breakers are on. A MARINCO 9030 circuit tester will test for power.
4. If all of the above has been checked, and there is still no power to the boat, contact the factory.

KEEP THESE INSTRUCTIONS WITH YOUR BOAT'S SERVICE MANUAL



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201023 Rev.00, 12/17/02