FILTER DRIER REPLACEMENT

Dometic®

DOMETIC & DUO-THERM AIR CONDITIONING BULLETIN A25/8A June 1998

A. INTRODUCTION

Air conditioners previously manufactured by Duo-Therm have filter driers installed in the sealed refrigerant system. When repairs are made to the sealed refrigerant system, Dometic's warranty and service procedure recommends that the filter drier must be replaced.

Dometic is now manufacturing air conditioners and heat pumps with out filter driers. The units without filter driers must be serviced as outlined in this bulletin.

B. WARRANTY SERVICE PROCEDURE

1. Units with filter driers.

The Dometic Corporation Warranty Policy & Procedures Manual (See page 11) is still the same on any units that have a drier installed in the refrigerant system. The filter drier must be replaced as part of the refrigerant system clean up. See Section "C".

2. Units without filter driers.

When repairs are made, adding a filter drier to the refrigerant system is not necessary, provided the repairs follow the procedure listed in this bulletin. See Section "C".

C. SEALED REFRIGERANT SYSTEM REPAIR

The refrigerant system must be serviced in compliance with the Clean Air Act of 1990 and any local Codes.

When ever the refrigerant system is open to the air, entry of moisture and other contaminates occurs. This makes clean-up of the refrigeration system a must each and every time it is exposed to the air.

⚠WARNING

This unit must be serviced by a Dometic Service Center or qualified service technician. Modification of the product can be extremely hazardous and could result in serious injury or property damage.

Once the defect in the sealed system has been located and repaired, the sealed system must be reverse flushed with an approved flushing agent for your locality.

Pressurize the refrigerant system and check for leaks. If no leaks are found, the evacuation of the refrigerant system can be started. Use a Thermistor Vacuum Gauge for checking the dryness of the system. At 1,000 microns moisture will start leaving the system. The vacuum pump should be left on the system till the reading is 500 microns. The micron reading should stay below 750 when the vacuum pump is turned off.

Charge the refrigerant system back to the amount and type of refrigerant listed on the rating plate. Reseal the refrigerant system and test operation.

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