



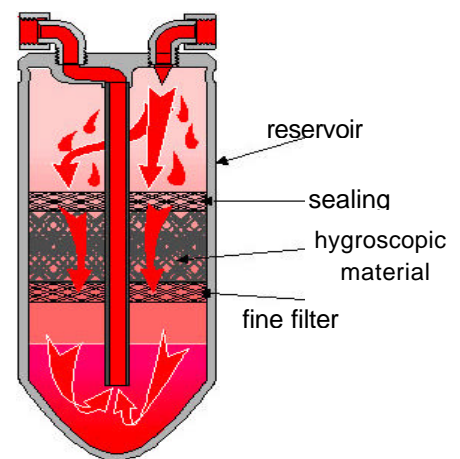
## Exchange of the filter / dryer

Important note why the filter / dryer must be changed.

The filter / dryer is a very sensitive part in the air conditioning system, rather like an oil filter in the oil circulation system. The filter / dryer, due to its construction (see the Technical Information) is an expendable part and must be renewed **every two years**. The filter / dryer must be changed when the system is damaged through an accident or during a repair that requires the system to be opened for longer than 15 minutes.

The reason for the exchange is to prevent inefficient cooling or expensive damage to the air condition system. This can happen when the hygroscopic material is fully soaked and begins to disintegrate. The hygroscopic material can absorb 6-12g of dew. If this capacity is exhausted the remaining dew stays in the system. The consequence is that the expansion valve and evaporator ice up. Additionally the hygroscopic material that has disintegrated due to too much dew is then carried by the refrigerant. These dirt particles are distributed throughout the complete system and can cause less cooling and damage to the compressor or other parts.

On some newer vehicles the filter / dryer is built into the condenser. With this type of filter/dryer it is possible to get new filter elements which can be exchanged without renewing the condenser.



Bulletin