



A JOHNSON CONTROLS COMPANY

## ES Service Information

File In/With:	N/A	SI0152	
		New	8-06
Equipment Affected:	Versecon Packaged Units		
Liquid Line Filter Driers			

The liquid line filter driers used on Versecon packaged product consists of a loose fill, molecular sieve desiccant. If this type of drier becomes saturated with moisture, the desiccant beads can break apart and be released into the refrigerant system. It is imperative that the filter drier be replaced any time the refrigerant system is opened. We recommend using a solid core drier as a replacement.

We are in the process of changing current production to a low molded core drier. The loose fill molecular sieve desiccant drier is a filter-drier-sight glass combination. The new low molded core drier will have a separate sight glass. The new low molded core driers do not present this issue. However, the low molded core driers should also be replaced if the refrigerant system is opened.

The units have a sight glass situated at the leaving side of the drier. When performing service work on a Versecon unit, always examine the colored disc in the center of the sight glass to verify the system is dry.

If the sight glass indicates moisture is present:

- recover the refrigerant from the system,
- replace the drier with a solid core drier,
- evacuate the system to 500 microns,
- perform a vacuum check to verify all the noncondensables have been removed from the system, and
- recharge the system with virgin refrigerant.

Follow the above guidelines to reduce the potential of desiccant beads being released into the refrigerant system.