



General Service Alert

Oil Change Recommendations and Evaporator Eductor Angle Valve Disposition

ORDER NO: CVHE-SVA03A-EN DATE: 12/20/01

Introduction

To help lessen the risk of copper plating in centrifugal machines, it is very important to follow the oil and filter change guidelines outlined as follows:

Discussion

Per CVHE-SVU01A-EN, page 91, the proper oil and filter change interval for low pressure centrifugal chillers is 1000 hours of operation from startup. (In most cases this should occur before 6 months of chiller operation). At the first scheduled annual maintenance the oil and filter should again be changed. Beyond the first year, recommendations are to subscribe to an annual oil analysis program rather than automatically change the oil as part of scheduled maintenance.

As of December 12, 2001 all low pressure CenTraVac chillers will ship with the evaporator eductor angle valve fully closed (front seated). Before this date, the valve shipped from the factory two



turns open. The evaporator eductor is only required when a chiller experiences oil loss. In most cases, oil loss will not be a problem but in situations where it is, the valve can be opened to allow oil return from the evaporator. Otherwise, the valve should be left in the closed position.

Units Affected

All low-pressure centrifugal chillers.

Required Action

This is an informational service alert. Please share with all field service technicians.

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