## Reciprocating Air Conditioning and Refrigeration Log

**Manufacturer**

**Number**

**Size**

**Location**

**Refrigerant "R"**

### 25 HP and Over

<table>
<thead>
<tr>
<th>Date Cleared</th>
<th>Date of Eddy Current Test</th>
<th>OIL PRESSURE SAFETY CONTROL</th>
<th>LOW REFRIG. PRES./TEMP. SAFETY CONTROL</th>
<th>LOW CHILLED WATER TEMPERATURE CONTROL</th>
<th>FLOW/PRESSURE DIFFERENTIAL CONTROL</th>
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### Operating & Safety Control Tests

### Oil Pressure

<table>
<thead>
<tr>
<th>Suction</th>
<th>Discharge</th>
<th>Suction</th>
<th>Discharge</th>
<th>Volts</th>
<th>Amps</th>
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</table>

### Compressor:

- Cylinder heads should be removed for examination of high stress parts at 10,000 operating hours or two years, whichever comes first. Replace springs, valves and other worn parts.

### Tubes:

1. The water side surfaces should be cleaned annually.
2. Eddy current analysis should be performed after 3 years to determine any wear, corrosion or deterioration of the tubes (when construction of the shell and tubes permit). The results of this test determine when subsequent testing of the tubes should be performed.

### Controls:

All safety and operating controls should be tested annually, calibrated to design conditions, and their set points recorded. Defective safety devices and controls should be replaced.

### Oil/Refrigerant:

When oil or refrigerant is added record date and amount. Also indicate leak tests, repairs and adjustments. Oil samples should be taken and tested for physical and chemical properties.

Use reverse side to record all service calls including:

1. Service Company/Name & Tel. No.
2. Date of service call
3. Work performed
4. Date and time machine shut down on safety control.

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**FOR RELIABLE AND UNINTERRUPTED SERVICE, THE FOLLOWING MAINTENANCE ITEMS SHOULD BE GIVEN ATTENTION AS INDICATED.**

**IMPORTANT**

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