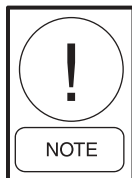
	Form Number: 160.47-M2 (LS01)	205
	Supersedes: None	
LITERATURE SUPPLEMENT	File with: 160.47-M2 (291)	
Subject: Disabling Discharge Superheat Oil Recovery Feature on YS Chillers Using "1-line Display" Microcomputer Center		

General

Beginning February 2003, an enhanced version of software for YS chillers using the "1-line" Display Microcomputer Control Center was released. The enhancements are listed below.

The eprom version and part number is:

Version..... S.01F.21
Part Number.....031-01102-002



This eprom can only be used in 031-01065 Microboards

Oil Recovery Feature - Disable

In the previous software version (S.01F.20), the Discharge Superheat Oil Recovery feature (as described in Service Instruction SI0023) was active all the time. Since this feature recovers oil that has accumulated in the evaporator refrigerant by limiting slide valve loading per the discharge superheat, chiller capacity is affected while the routine is in effect. Therefore, under normal operating conditions, the feature should be disabled.

In this software version, a service technician can enable or disable the feature at the keypad. When enabled, the oil recovery routine operates automatically. When disabled, the oil recovery routine does not operate. The default is "Disabled".

The feature is enabled and disabled by the value entered for the load pulse multiplier. It is disabled by setting the value to zero (0). Entering any number greater than zero enables the feature.

Use the following procedure to disable the feature:

1. Press ACCESS CODE key.
2. Using ENTRY keys, enter access code 1 3 8 0.
3. Press PROGRAM key.
4. Press OPEN key. Use the ADVANCE DAY/SCROLL key to display the following message. Each time the key is pressed, the display scrolls to the next message.
"S'Heat Load Cycle Time = X Sec (x5)"
5. Using ENTRY keys, enter "0".
6. Press PROGRAM key to exit.

When disabled, the message "DSH Count = XX.X°F", displayed via the DISPLAY DATA key, is replaced by "Discharge Superheat Not Selected". This provides a visual indication that the feature is disabled.

