

JTL SOFTWARE VARIATIONS		CP5H
VERSION	DESCRIPTION	DATE
v0.00.0	Original issue. Based on CP4H with compressors up to 4 stages.	Jul 96
v0.00.1	Network speed optimum changed to 4.8 and 38.4 kilobaud. Item 94 changed to High/Low pressure switch fault. Associated system on defrost bit added to defrost control word from pack. LED display format fixed at LED2 with compressor/condenser/defrost status indication. Defrost termination word from network controllers changed to defrost information word including "forced defrost" request from evaporators.	Nov 96
v0.00.2	Compressor alarm delay added on item 206. Suction optimisation added. Evaporators able to inhibit defrost if all evaporators for a particular system are disabled. This function is selected by item 405. Unloading sequence below first stage hold on made more rapid. Discharge pressure integral held when no capacity available. Output function selection added to include CP4C and CP4A choices on item 169. Selection function on item 209 added to allow bias towards a base machine when used with unequal capacity compressors.	Mar 98
v0.00.3	Display choice for items 138 & 139 reintroduced. Display choice default changed. Range setting operation for maximum optimised pressure corrected.	Mar 98
v0.00.4	Display units for pressure can be selected as psi, bar and kPa using item 179. Internal working and protocols remain in psi. New standard library software introduced. CP4L emulation added. Long term pressure averaging added. Daylight saving operation added.	Feb 99
v0.00.5	Temperature can be displayed on MU and panel display in fahrenheit using choice on item 178. Internal working and protocols remain in celsius. Defrost system display can display using the full JTL System number i.e. 201 210 etc rather than 1 or 10 on pack 200. The choice is on item 177. Defrost scheduling can be enabled for full operation in manual as well as auto control. The choice is on item 176.	Apr 99
v0.00.6	Spelling of celsius corrected on item 178. NVRAM write handling amended to write to memory after 2 minute delay. Item 9 operation enhanced by allowing NVRAM write without delay by setting value to "1066" Output 1 modified for full emulation on CPLS type when item 169 set to CPnL. This enables a normally open or normally closed valve to be selected on item 168. Valve state shown on item 166. High pressure alarm level operation corrected. Maximum number of compressors allowed to run added for each suction line using item numbers 101 - 106. Low liquid alarm time now variable set on item 175. Compressor run time and starts per hour over last 24 hours available on items 351 - 380.	May 2000
v0.00.7	Daily compressor run time and starts per hour operation corrected. Additional information available to remote stations on compressor status. Maintenance info on communications enhanced. Factory test date info added. Bias to base machine loading operation corrected. Compressor balancing operation amended to balance equal stages only.	June 2000
v0.00.8	Data on fan operation on items 390 and 391 corrected for analogue control selection.	June 2000