

JTL FIRMWARE VARIATIONS		HP120
VERSION	DESCRIPTION	DATE
v0.00.0	Original issue.	Aug 2010
v0.00.1	Minimum pressure readings restricted to -14.5psi (-1 bar) Virtual bitswitch functionality added (unused) False pressure transducer alarms corrected. Input and output item numbers realigned to match hardware inputs. Download parameters operation supported.	Apr 2011
v0.00.2	Input alignment errors corrected. This effects MU and communications.	May 2011
v0.00.3	R408A added to refrigerants. R407A table adjusted slightly for "dew". Download parameter sequence amended in fault conditions.	July 2011
v0.00.4	R407F added to refrigerant. Selectable output for relay 2 Standardized values and log code used. Data changed flag only set on actual data change. Daylight time used for password of the day calculation. Comms level raised to 5	July 2013
v0.00.5	R407F text missing from maintenance unit. Previously shown as '11' Maximum discharge setpoint allowed upto 380 psi for R407F High pressure alarm level allowed upto 390 psi for R407F Safety unload level allowed upto 400 psi for R407F. Pressure test readings added on items 411 & 412	Sept 2013
v0.00.6	Dependency corrected on item 386. Dependencies removed on item 365 and items 350. Current zone number visible on item 954. This requires an appropriate version of the network controller to work.	Oct 2013
v0.00.7	Low discharge pressure alarm delay added on item 362. Refrigerant type 407C added. Display backlight control added. Graphical alarm but display added to MU items. Dew figures used for condenser optimisation instead of bubble figures. Minimum fan speed control added Output range for fan now in 0.1% intervals. Gain range changed to 0 - 100. Time constant allowed to be set to 0 which disables the integral operation. Code allows phoenix processor use. Fan speed output logging error corrected.	Feb 2015
v0.00.8	Display error corrected.	Feb 2015
v0.00.9	Latest library code used. Refrigerants R448A and R449A added. Comms level raised to 6 Graphical display added to items 100, 160 & 170	Jan 2018