

XT-70 P1 Potato Revision History

V02.82 20090210

Added Warming mode

V02.83 20090210

Added Boost mode to the freq drive update. It is basically a fan purge that will ramp up the freq drive output to fq_prg_spd for X minutes every y hours if osat < fq_osa_min (fq_prg_tim = x, fq_prg_int = y).

Added freq drive ramp for refrig that works like it did in Cooling.

V02.84 20090224

Added the capability to use an ethylene sensor on CH15. Panel_cfg set to 2 (for original rev panel) or 3 (for newer cards) will change CH15 4-20 mA input to 0-5.00 ppm.

V02.85 20090310

Changed warming mode to go into cooling instead of standby when cooling available

V02.86 20090316

Added a purge freq parameter. Any time the system is in purge, it will set the fans

V02.87 20090326

Had a bug with the fan off routine. If the fan switch was off it would cycle on and off.

Also now don't clear the remote control bytes when the on/off switch is off.

V02.88 20090410

Changed the min run time for warming mode so that it would terminate warming if the AUX2 switch was remotely turned off, even if the min time wasn't complete

Changed the WW string to add Warming mode.

V02.89 20090507

Changed freq drive routine to equalize ref freq and cooling freq.

V02.90 20090624

Added timers to power fail and refrig fail. Refrig fail can be hard or soft alarm.

Fixed power fail timer to 30s and refrig fail to -120s for now.

Remote control bytes are saved in E2 and restored if the system restarts.

Added check_deviations to Timed mode.

V02.91 20090727

Changed the purge modes to only use fq_purge if purge_cfg = 1 or 6.

Changed timer_lco to 10 minutes (from 30)

V02.92 20090728

Last revision didn't work right.

V02.93 20090915

Disabled heat when in warming mode

V02.94 20090929

Changed param_test to allow for target and setpoint values up to 90 degrees.

V02.95 20091005

Now if SSS is off and system is in test mode, will take it out of test mode.

Added an aux heat mode. If either aux2_cfg or aux1_cfg = 5, the routine aux_heat looks to see if osa temp < auxh_temp for aux_heat_t minutes. If so, it turns on that output.
