**Electronic Expansion Valve Information**

Electronic Expansion Valve Control is a closed loop control which gives an output of Valve Position. It takes input from Measured Temperatures

and Compressor Frequency . At the initial time of AC there are 3 Starting patterns each lasting 120 sec. after then PID algorithm takes the control.

At the initial steps only indoor Air and Outdoor Air Temperatures are taken into account assuming that the system is not stable yet, but the PID

algorithm all Temperatures are taken as input for the final position. Algortihms Calculate The output valve Position so that can keep the target Discharge

Temperature and Pressure between certain levels.

There are also several Algorithms that modify the output in order to keep operation level in a safe area.

E.E.V. Related Files are :

E.E.V. Cycle Algorithms @ EEV.h

E.E.V. Compensation Algorithms @ EEV\_Comp.h

E.E.V. Cycle Parameters @ Tables\_General.h

E.E.V. Cycle Variable's @ Structure.h

