

Compressor activation time and its delay before another activation may vary depending on the ambient temperature and target temperature and other factors in the vehicle

Pump activation time is the duration which the pump is activated to spray the water

Threshold time is the allowable amount of time that the compressor was currently running before activating the pump, if exceeded the logic will wait for another compressor activation

Cooldown time is the duration before another cycle, if shorten, a cycle can occur for each Compressor activation or only after a number of Compressor activation has occured

Pump activation padding time is the delay before activating the pump to ensure that the auxiliary fan is running and the spray will reach the condenser