

after receiving signal from the unroll program and the fan will stop working when the unroll program ends.

Solvent filtering apparatus outside the washing machine operates as follows : the used solvent flows out of the washing machine, then undergoes fabric fiber filtering process which separate fiber, button, pin and other big objects. Thereafter the solvent undergoes water separation process which separates the dirty solvent from water, then the dirty solvent is received in the dirty solvent tank. Dirty solvent pump will suck the dirty solvent out to an organic filtering element which filters sand particles, active carbon filtering which filters smaller particles and deodorizes the solvent, nano filtering which filters very smooth particles in size of nano or 10^{-9} , so that the solvent becomes clean and clear again. The final step, the solvent flows through UV lamp which kills bacteria. The clean solvent is received in the clean solvent tank and will be sucked out by clean solvent pump to reuse in the next washing process.

Water separation process runs as follows : at first the water originates from human's sweat and water-based dirt which stick to the clothing. The available dry cleaning washing machines have also a water separating means using solvent PCE (perchloroethylene). The solvent used in this invention has a density less than that of water. Water separation process runs by putting in the liquid slowly into a tank for a certain time span, so that water and solvent separation process will run naturally according to the different densities. Therefore 2 separated layers will be developed, where water will be below the solvent; then water and solvent can easily flow to two different tanks. The duct for solvent lies at top of the tank, duct for water lies at the bottom of the tank.