SUPER COIL DESCALER

Directions for Descaling (DE liming) Hot water pressure washers/Steam Cleaners.

The circulation of SUPER DESCALER optimally for 30 minutes will remove the mineral build up and interior coil rust without damaging the heating coils when used as directed. A heavily scaled coil will cause back pressure on the pump and motor causing the washer to over amperage. A heavily scaled coil will let less water through it creating pressure loss and overheating due to that lack of water in the heating coil. Be sure to save all of the solution and dispose of properly.

It is best to make a descaling assembly by attaching a non-collapsible pump suction hose to the inlet of the pump. On the opposite end of the hose it is best to attach a waterbox (Ball) type of strainer that can easily be removed by hand. Fill an open top 5 gallon pail at least half way with clean water. Remove the gun assembly from the end of the pressure hose and set it down. Remove the strainer from the end of the descaler hose assembly and turn the washer on while forcing water into the hose while submerging below the water line until primed. Slip the strainer back on while keeping the suction below the water line and make sure that the assembly stays down at the bottom of the pail. Run the washer for a few minutes to assure that there is no soap residue in the system.

Then, place the pressure hose into the bucket to circulate the water. Make sure that both hose are secured to keep them in place. Do not put them next to each other as the turbulence of the solutions reaction can cause a loss of prime when they are near each other.

CAUTION: Do not pour the SUPER COIL DESCALER in rapidly or at one time. A heavily scaled coil can produce a violent surge of liquid with its first reaction. This can cause the outlet hose to flail out of the bucket. Keep this procedure monitored and under control. Use protective clothes, gloves, and eye protection. Secure and monitor both hoses. This solution contains inhibited Muriatic acid which can cause burns when not used as directed.

Slowly pour a small amount of SUPER COIL DESCALER to see the reaction that you will get back to the bucket. Do this several times SLOWLY over the course of several minutes. Utilize a small stirring stick to dip into the solution and drip a few drops on a concrete surface. The goal is to see an acid reaction. If the solution stays active slowly work a gallon of product into the circulating solution over the course of 5 to 10 minutes all the while making sure that you have an active solution. The goal is to circulate an active solution for 30 minutes. Every few minutes engage the burner for 10-15 seconds to warm and slowly to enhance the solution. (CAUTION: This can cause a surging reaction as well) You may have to move the suction hose around if the flow stops or slows due to scale sludge build up at the bottom of the pail.

Should the solution be neutralized and not be active due to excessive scale...Move a fresh pale of water into place as your reservoir and remove the outlet hose. Start up the washer up and flush with clean water. Make sure that the run off and spent contents of the bucket are properly disposed of. After repeating and attaining an active solution...Descale for 30 minutes. Again cycle a warm solution for maximum results. When finished slowly pour and then circulate a gallon of an alkaline detergent into the pail to neutralize any acid residue in the system. (Circulate for 5 minutes) Then Flush the system with clean water all the while disposing properly the liquid from this process. Hook back up your plumbing and operate your washer.