Ultra Blend

CLOVER CHEMICALS LTD
'Effective Cleaning Chemicals'

Troubleshooting Guide

Problem	Cause	Solution
System does not dispense solution	1. Water inlet is clogged	1. Clean it or replace if necessary.
	2. Too much water pressure	2. Use a water pressure regulator in case of more than 9Bar water pressure.
	3. Insufficient water pressure	3. 1Bar is the minimum required pressure. If not available consult a plumber.
	4. The venturi is clogged	4. Soak Venturi in hot water and inspect visually, gently removing debris. Replace assembly if needed.
	5. Activation value is clogged by mineral	5. Soak the valve assembly in a solution of hot water and limescale remover to clean. Replace them if necessary.
Water flow won't stop	1. Activation valve is clogged by minerals or other water debris	1. Soak the valve parts and valve seat in limescale remover to clean. Replace them if necessary.
Activation valve is leaking	1. Valve cap not tight enough to seat	1. Firmly hand tighten the valve cap until leak stops.
	2. Not properly positioned	2. Reposition the valve or change it if necessary.
Connections and end cap are leaking	1. Missing O-ring in the connection fitting and/or end cap	1. Apply the O-ring or replace the entire part.
	2. O-ring in the connections or end cap are damaged	2. Replace the O-rings or replace the entire end cap.
F-gap backflow prevent is leaking	1. Flexible membrane is damaged	1. Replace the backflow preventer.
A-gap is spraying out and or leaking.	1. Limescale film on the A-gap's upper nozzle	1. Soak in hot water and limescale remover to remove buildup. Replace if necessary.
	2. Venturi coated with limescale or dirt	2. Soak in hot water and limescale remover to clean. Replace if necessary.
	3. There is a buildup or clog in the discharge area	3. Clean the hose to eliminate restriction.
	4. Discharge hose is above the dispenser	4. Make sure the discharge hose dispenses below the dispenser insuring no back pressure.
Improper concentration of chemical or no suction.	1. Insufficient water pressure	1. 1Bar is the minimum working pressure. Check plumbing options.
	2. Metering tip clogged	2. Replace tip.
	3. Foot valve clogged	3. Soak in hot water, hand clean or change it.
	4. Venturi coated with limescale or dirt	4. Soak in hot water or limescale remover to clean. Replace if necessary.
	5. Air leak in chemical pick up tubing line	5. Check the entire line. Replace the tubing check the connections and cable tie.
	6. Product is too thick	6. Change the pick up hose. Switch to a bigger diameter (need ¼ x 5/16 coupler).
	7. Product container is too far from the system	7. The standard installation is positioning the tank under the system, 5ft (1.5m) max.
	8. Excess concentration	8. Tip is not the correct one or not seated fully. (Pressure variations can require adjustment from chart recommendation).
System continues to draw chemical	1. Chemical tank is positioned higher than the dispenser causing siphoning	1. Move chemical container below the dispenser discharge point.