

# TROUBLESHOOTING GUIDE

## FSR FOAMING SYSTEM



SYMPTOM	PROBABLE CAUSE	REMEDY																		
No pressure/ too low pressure	<ol style="list-style-type: none"> <li>Insufficient or No water supply</li> <li>Rinsing nozzle is not installed</li> </ol>	<ol style="list-style-type: none"> <li>Open the water supply valve.</li> <li>Place rinsing nozzle.</li> </ol>																		
Insufficient or no foam creating	<ol style="list-style-type: none"> <li>No supply of diluted products.</li> <li>Product is not suitable.</li> <li>Incorrect nozzle.</li> <li>Non-return valve is blocked.</li> <li>Injector / mixing chamber blocked.</li> </ol>	<ol style="list-style-type: none"> <li>Consult directions for use of dosing unit.</li> <li>Choose suitable product.</li> <li>Place foam nozzle.</li> <li>Clean or replace non-return valve.</li> <li>Clean nozzle.</li> </ol>																		
No spray sanitising	<ol style="list-style-type: none"> <li>No supply of dilute products.</li> <li>Non-return valve is blocked.</li> <li>Injector / mixing chamber is blocked.</li> </ol>	<ol style="list-style-type: none"> <li>Consult directions for use of dosing unit.</li> <li>Clean or replace non-return valve.</li> <li>Clean injector / mixing chamber.</li> </ol>																		
Injector system clogged or needs to be rinsed	<ol style="list-style-type: none"> <li>Nozzle is blocked and the injector system needs rinsing.</li> </ol>	<ol style="list-style-type: none"> <li>Hold the rinsing bottle with clean water tightly against the hose or place the hose in a bucket of clean water.  Activate the hose handle until clean water comes out of the nozzle (approx. 30 seconds)</li> </ol>																		
Descaling	<ol style="list-style-type: none"> <li>Descaling depends on water hardness Descaling intervals must be observed to prevent lime build up in the unit, that can discontinue operation of the unit.</li> </ol> <table border="1" data-bbox="266 938 642 1187"> <thead> <tr> <th>°dH</th> <th>ppm</th> <th>Time between Descaling</th> </tr> </thead> <tbody> <tr> <td>0-5</td> <td>18-90</td> <td>12 months</td> </tr> <tr> <td>5-10</td> <td>90-180</td> <td>6 - 12 months</td> </tr> <tr> <td>10-15</td> <td>180-270</td> <td>3 - 6 months</td> </tr> <tr> <td>15-20</td> <td>270-360</td> <td>3 - 6 months</td> </tr> <tr> <td>&gt;20</td> <td>&gt;360</td> <td>1 - 3 months</td> </tr> </tbody> </table>	°dH	ppm	Time between Descaling	0-5	18-90	12 months	5-10	90-180	6 - 12 months	10-15	180-270	3 - 6 months	15-20	270-360	3 - 6 months	>20	>360	1 - 3 months	<ol style="list-style-type: none"> <li>Disconnect water supply.</li> <li>Remove the cover from the unit.</li> <li>Dismount the injector block and place in a descaling bath, make sure the dosing valve (the knob) is over the surface.</li> <li>Wait for 60 minutes.</li> <li>Rinse the block in clean water.</li> <li>Connect the water to the unit.</li> <li>Test the unit in Foam position make sure the vacuum is sufficient, it is recommended to be between:- 14,8 - 20,7 inHg / -0.05-0.07 MPa.</li> <li>Test that the unit can start and stop in both foam and rinse position.</li> <li>Reinstall the cover to the unit.</li> </ol>
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Coupling	<ol style="list-style-type: none"> <li>Lubrication  It is recommended to lubricate all coupling parts regularly (once a week)</li> </ol>	<ol style="list-style-type: none"> <li>Using waterproof grease on couplings helps to prevent leaks and damage of packings. If the unit is equipped with a spray gun the piston of the gun should also be lubricated.</li> <li>In leaking quick couplings, the packings should be replaced.</li> </ol>																		
General cleaning	<ol style="list-style-type: none"> <li>Internal cleaning</li> </ol>	<ol style="list-style-type: none"> <li>We recommend opening and cleaning the unit inside at least once a week.</li> </ol>																		

