

FSR FOAMING SYSTEM

Troubleshooting guide



SYMPTOM	PROBABLE CAUSE	REMEDY																		
No pressure / too low pressure.	<ol style="list-style-type: none"> 1 Insufficient or no water supply. 2 Rinsing nozzle is not installed. 	<ol style="list-style-type: none"> 1 Open the water supply valve. 2 Place rinsing nozzle. 																		
Insufficient or no foam cleaning.	<ol style="list-style-type: none"> 1 No supply of diluted products. 2 Product is not suitable. 3 Incorrect nozzle. 4 Non-return valve is blocked. 5 Injector / mixing chamber blocked. 	<ol style="list-style-type: none"> 1 Consult directions for use of dosing unit. 2 Choose suitable product. 3 Place foam nozzle. 4 Clean or replace non-return valve. 5 Clean nozzle. 																		
No spray sanitising.	<ol style="list-style-type: none"> 1 No supply of dilute products. 2 Non-return valve is blocked. 3 Injector / mixing chamber is blocked. 	<ol style="list-style-type: none"> 1 Consult directions for use of dosing unit. 2 Clean or replace non-return valve. 3 Clean injector / mixing chamber. 																		
Injector system clogged or needs to be rinsed.	<ol style="list-style-type: none"> 1 Nozzle is blocked and the injector system needs rinsing. 	<ol style="list-style-type: none"> 1 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). 																		
Descaling.	<ol style="list-style-type: none"> 1 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. <table border="1"> <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>>20</td><td>>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"> 1 Disconnect water supply. 2 Remove the cover from the unit. 3 Dismount the injector block and place in a descaling bath, make sure the dosing valve (the knob) is over the surface. 4 Wait for 60 minutes. 5 Rinse the block in clean water. 6 Connect the water to the unit. 7 Test the unit in Foam position, make sure the vacuum is sufficient. It is recommended to be between: 14.8-20.7 in Hg / -0.05-0.07 MPa. 8 Test that the unit can start and stop in both foam and rinse position. 9 Re-install the cover to the unit.
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Coupling.	<ol style="list-style-type: none"> 1 Lubrication; It is recommended to lubricate all coupling parts regularly (once a week). 	<ol style="list-style-type: none"> 1 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. 2 In leaking quick couplings, the packings should be replaced. 																		
General cleaning.	<ol style="list-style-type: none"> 1 Internal cleaning. 	<ol style="list-style-type: none"> 1 We recommend opening and cleaning the unit inside at least once a week. 																		