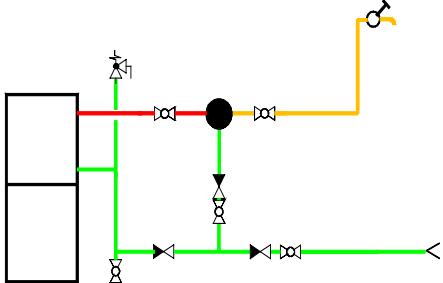
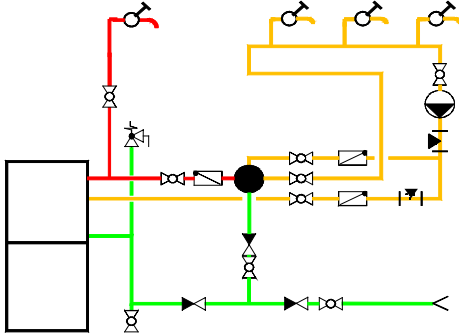
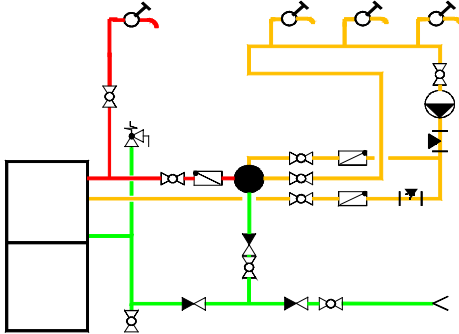
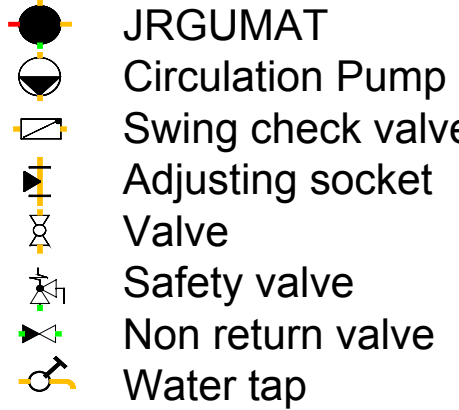


JRGUMAT Thermoblending valve check list

Problem	Possible reasons	Solutions	Correct application drawing
<p>1. Blended water temperature unstable (fluctuates)</p>	<p>1. Unequal pressure in front of cold and hot water inlet to the mixer. Cold water not from the same line as boiler feed line</p>	<p>1. The boiler feeding pipe must also feed the JRGUMAT. See drawing</p>	
<p>2. Output only hot water at start of flow, then blends correctly after some draw off</p>	<p>2. Whole circuit is full of hot water, non return valves are missing or not working 2a. Circulation line is not correct adjusted or not correct installed</p>	<p>2. Non return valves must be installed in front of hot and cold entrance of JRGUMAT 2a. Circulation line must go back to JRGUMAT and boiler. Adjustment approx. 95% to JRGUMAT and 5% to boiler. Can be adjusted with adjusting socket or needle valve. See drawing</p>	
<p>3. Output only cold water at start of flow, then blends correctly after some draw off</p>	<p>3. Circulation line is not correct adjusted or installed 3a. No circulation line installed</p>	<p>3. Circulation line must go back to JRGUMAT and boiler. Adjustment approx. 95% to JRGUMAT and 5% to boiler. Can be adjusted with adjusting socket or needle valve. See drawing 3a. Re-position JRGUMAT closer to point of discharge</p>	
<p>4. Output only cold water</p>	<p>4. JRGUMAT installed closer than 1 meter to boiler. JRGUMAT feels always hot 4a. Valve slide blocked due to dirt particles as rust etc. 4b. Valve slide blocked due to calcium deposit</p>	<p>4. JRGUMAT must be installed at least 1 meter away from boiler 4a. Install a strainer or filter in front of the thermoblending valve installation 4b. Install a water softener for the thermoblending valve installation</p>	 <p> JRGUMAT Circulation Pump Swing check valve Adjusting socket Valve Safety valve Non return valve Water tap </p>

JRGUMAT Thermoblending valve check list

Problem	Possible reasons	Solutions	Correct application drawing
5. Output only hot water	5. Valve slide blocked due to dirt particles as rust etc. 5a. Valve slide blocked due to calcium deposit	5. Install a strainer or filter in front of the thermoblending valve installation 5a. Install a water softener for the thermoblending valve installation	
6. Output no water at all	6. No cold water connected or shut off 6a. Blind flange installed from pressure test	6. Open cold water valves to JRGUMAT 6a. Remove blind flange from pressure test	
7. To little pressure at tap	7. JRGUMAT size to small 7a. Blocked pipes	7. Recalculate the JRGUMAT application. Use a larger JRGUMAT 7a. Unblock or clean the pipes of the JRGUMAT application	