

FAQ: Thermal safety drain valves series STS20 and STS20.S

Nr. Question	Answer
1. What spare parts are available for the STS ?	Only the sealing piston (part no. 10005461) is available as a spare part for the STS (only available in Germany, Austria and Switzerland). If the capillary tube or a capillary sensor is damaged, the complete STS must be replaced by trained specialist personnel.
2. How often does the thermal safety drain valve need to be maintained?	The STS must be checked for function once a year by trained specialist personnel.
3. What to do during maintenance?	It is necessary to clean the valve seat from deposits and dirt particles. → For this, press the push-button several times to generate a drain. If the valve is leaking when closed, clean the seat and the plug by a trained specialist personnel as described: → Turn off the water and drain the line. → Untighten the hexagon and remove valve plug. → Clean all parts carefully with water, especially the valve seat. → Insert the parts again and tighten the hexagon. → Turn on water. → Press the push-button to generate a manual drain. → Check for function and leaks.
4. The STS doesn't close.	Possible reason: Dirt or debris on the valve seat result in leakage of the valve. → Clean the valve seat by pressing the red push-button several times. → The sealing piston can also be removed and carefully cleaned with water. Possible reason: The STS is installed against the flow direction. In this case the water pressure can open the valve. → Install the STS in the flow direction by trained specialist personnel. Possible reason: The capillary tube or the capillary expansion elements are broken and press on the valve disc, which opens as a result. → The complete STS must be replaced by trained specialist personnel.
5. The STS makes noise. What could be the reason?	Possible reason: The STS is installed against the flow direction. In this case the water pressure can open the valve and cause slight impact noises by opening (due to the water pressure) and closing. → The complete STS must be replaced by trained specialist personnel.
6. Die STS doesn't open.	Possible reason: The STS was exposed to too high temperatures (too close to the boiler or similar) and is now no longer functional. → The complete STS must be replaced by trained specialist personnel. Possible reason: The capillary tube or the capillary expansion elements are broken and thus can no longer exert pressure on the valve disk. → The complete STS must be replaced by trained specialist personnel. Possible reason: The capillary sensor has slipped out of the immersion sleeve. → Check the seat of the capillary sensor in the immersion sleeve and fix it if necessary.

1) STS: The description refers to both the STS20 series and the STS20.S series.

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