

91.2.4 – Temperature protection AMP 52

We recommend temperature protection for systems where the smallest section is below 20% of the maximum capacity of the pump.

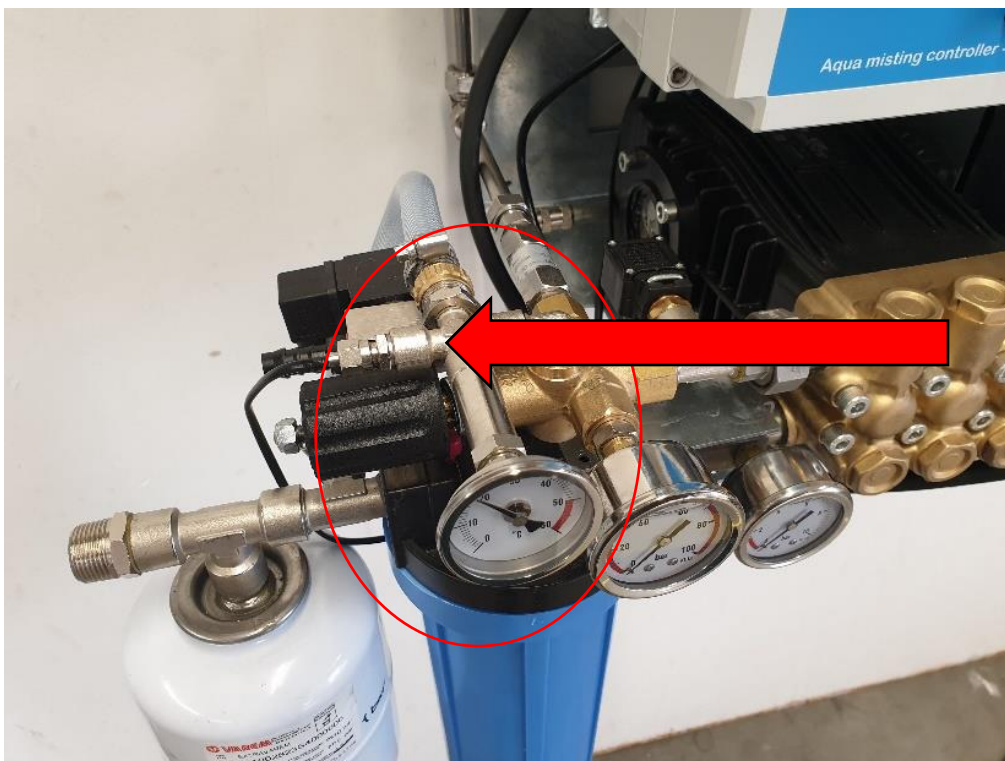
The control ensures a maximum temperature of 47 degrees. At higher temperatures, minerals are separated from the water and pump i.e., destroyed.

With temperature protection, some hot water is led to drains and new cold water is added when needed.

This solution allows you to handle outputs down to 0 liters / min without any problems.

If possible, we recommend several smaller pumps rather than one large pump. Provides increased flexibility and avoids large pumps / motors using very unnecessary "idle energy" + pump wears unnecessarily much if it must run a lot with low consumption.

Picture of a mounted high-pressure temperature protection regulator:



Temperature security system for pumps

If one section is below of 20% of the maximum pump capacity, this temperature security system is needed.

With this temperature security system, the pump can handle performance down to 0 liter/min.

If the water/pump temperature exceeds more than 50 degrees, the pump, valves, nozzle etc. can be damaged.

