

Bulletin number: 167 **Date:** 10/26/2016
Product line: 2017 Classic
Subject: Alde mixing valve adjustments

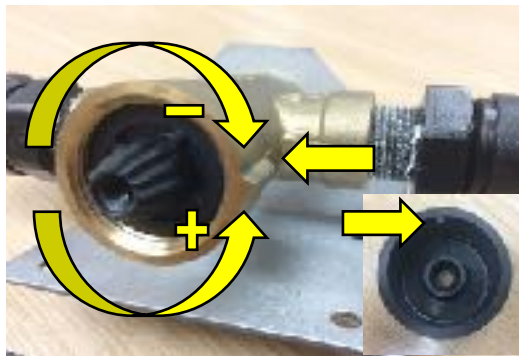
The high-temperature thermostatic mixing valve 3102-002 for the Alde water system.



The 3102-002 mixing valve should have a max water temperature output at the valve of 118 degrees. This will give you a temperature at the shower of 108 -113 degrees. The average person takes a 102-104 degree shower. If the water temperature, while on max hot, at the shower faucet is lower than 105 degrees you will need to adjust the mixing valve. The following steps will show you how to adjust the mixing valve if it is on max and not getting a high enough temperature at the shower.



Start by turning the valve clockwise all the way to the lowest (minus -) setting. Take the center screw out of the knob and pull the knob off, reinstall the knob just past the stopping point and keep turning until it stops (bottoms out)



To the left you will see the + and - stopping points of the knob and the valve.

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Reinstall the knob back on to the lowest setting and then turn it counter clockwise till it hits the max stop position. Jump the knob over the stop and turn it again counter clockwise till it hits the stop again. This will be two complete turns of the valve.



After you have turned the knob twice to the max setting remove the knob and place it back on half way between the + and - so it will be in the position shown to the left. Now you will want to reinstall the screw. This position should be 109 degrees, turning to max of 118 and minimum of 100 degrees. This is how the valve is calibrated from the vender.



If the valve is still not letting enough hot water at the shower faucet while at the max setting adjust the valve by turning it to the max stop, Remove the screw and put the knob back on a ¼ turn from the max setting.

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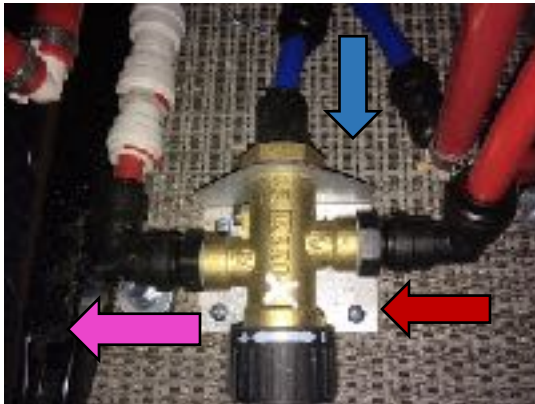
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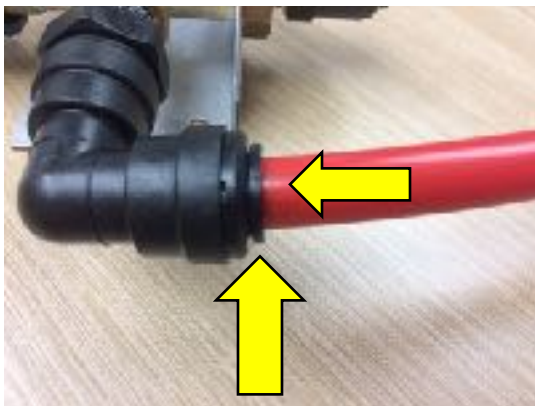


A ¼ turn will put the knob in this position, you can make this adjustment only twice. If it would need to be adjusted up more the valve should be replaced.

If the valve needs replacing please follow the next set of instructions.



To remove the valve you will need to take out the four screws that hold the valve to the floor and then remove the three water lines. Make sure to relieve the water pressure before you take the water lines apart.



To remove the water line push the water line into the fitting and then hold the retainer ring closed while pulling the water line out. To insert a water line simply push the water line into the fitting till it bottoms out and it will lock into the water line. Reinstall the screws in the bracket and test.