

Installation Instructions

Retrofitting Storm Family with ELE-C100502 Auto Reset

Form 2103002



As part of its policy of continuous improvement, Crystal Mountain recently changed the hot tank limiter used on the Storm cooler to an auto reset. This eliminates the need to manually reset the cooler in the case of a dry boil situation. It will cycle instead of “popping.” We are now recommending that this part be switched out, proactively, when the older style units are returned from the field for repair or refurbishment.

Instructions for this retrofit are below and continue onto the next page.

Notice:

The information and/or procedures presented in the following demonstration(s) should be performed by a trained Water Cooler Service Technician only.

Never attempt to service or repair a water cooler while it is plugged into any power supply.

Prior to any service or repair of the water cooler, ensure that the water has been completely drained from the system.

Note: Begin with the unit unplugged, the hot tank turned off, the water drained, and the back panel removed. If unit has a two-piece back panel, only the upper panel will need removed.

1. Using a pair of wire cutters, carefully remove the zip tie bundling the hot tank wires together (Fig. 1)
2. Using a screwdriver or needle nose pliers, carefully disconnect the red wire from the limiter (Fig. 2) and the black wire leading from the limiter at the connection to the hot tank element (Fig. 3). This wire will not be used with the new part and can be discarded (Fig. 4).



Fig. 1



Fig. 2



Fig. 3



Fig. 4

Retrofitting the Storm Family with ELE-C100502 Auto Reset

- Using a Phillips head screw driver or screw bit, carefully unscrew the limiter from the hot tank bracket and set aside (Fig. 5).
- There is enough heat transfer paste on the tank and old control to simply wipe the bottom of the new control against the old one (Fig. 6 & 7). Place into position and evenly tighten the two screws.

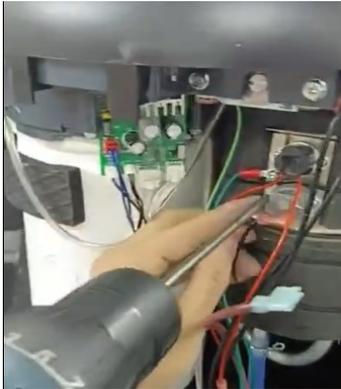


Fig. 5

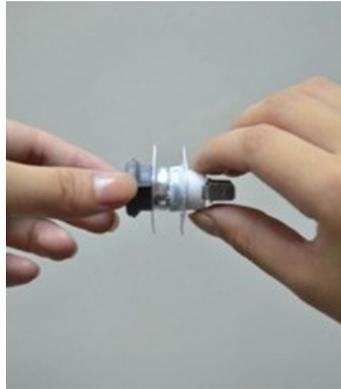


Fig. 6



Fig. 7

- Attach the longer black wire from the new auto reset to the hot tank element where the previous black wire was attached. Then connect the shorter wire on the auto reset to the red flag terminal that was previously connected to the limiter. Using a new zip tie carefully bundle the wires together as they were originally.