

# PUMP REPLACEMENT



TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS, OBSERVE THE FOLLOWING:

- ⚠️ **WARNING: ELECTRICAL SHOCK HAZARD.** Disconnect the power supply before performing any service or maintenance. Failure to do so may result in serious injury or death.
- ⚠️ **WARNING:** Ensure casters are locked before performing any service or maintenance.
- ⚠️ **CAUTION:** The Big Ass Fans product warranty will not cover equipment damage or failure that is caused by improper installation or use.

📝 **NOTE:** The number and location of internal electrical cables and zip ties varies by cooler and controller model. All configurations are not shown in these instructions. Big Ass Fans recommends taking reference pictures of the cooler's internal cable connections and zip tie locations before removing zip ties or disconnecting cables.

## 1. REMOVE COOLING MEDIA

Refer to the [Cooling Media Replacement Instructions](#) for details on removing and installing cooling media.

<https://bigassfans.com/docs/evap-coolers/cool-space-media-replacement.pdf>



## 2. DISCONNECT PUMP POWER CABLE

Remove all zip ties around the electrical cables between the controller and the pump (Fig. 2.1). Unplug pump power cable from controller cable (Fig. 2.2).

*NOTE: Cool-Space® 350 with Standard Controller shown. Number and location of zip ties and cables varies by cooler and controller model. Big Ass Fans recommends taking reference pictures of the cooler's internal cable connections and zip tie locations before removing zip ties or disconnecting cables.*

Fig. 2.1

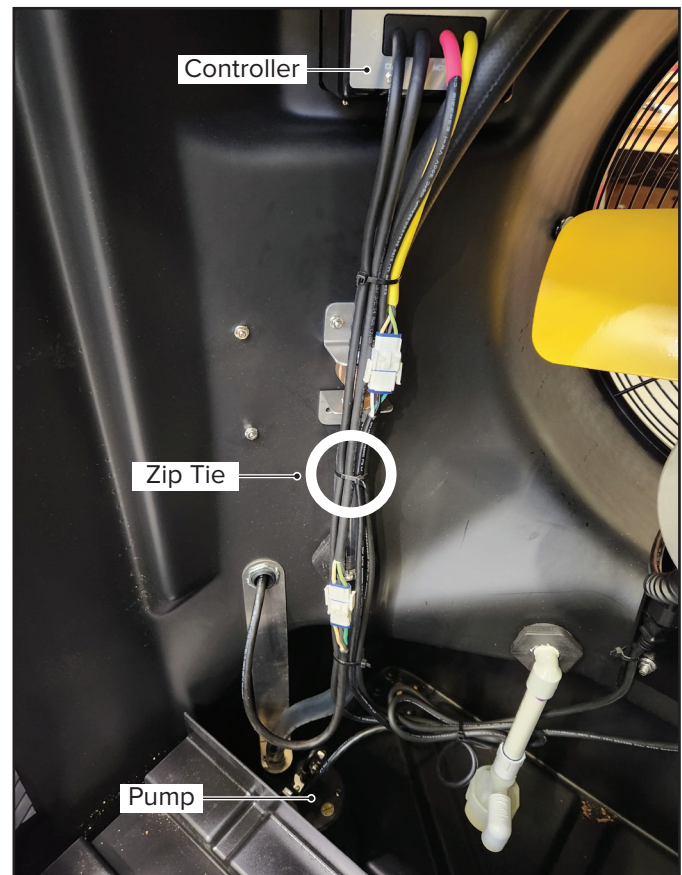
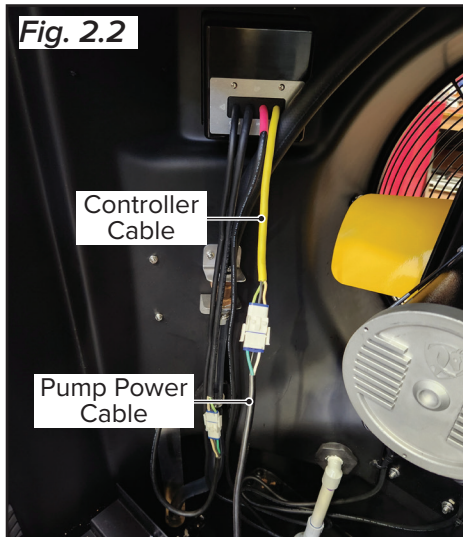


Fig. 2.2



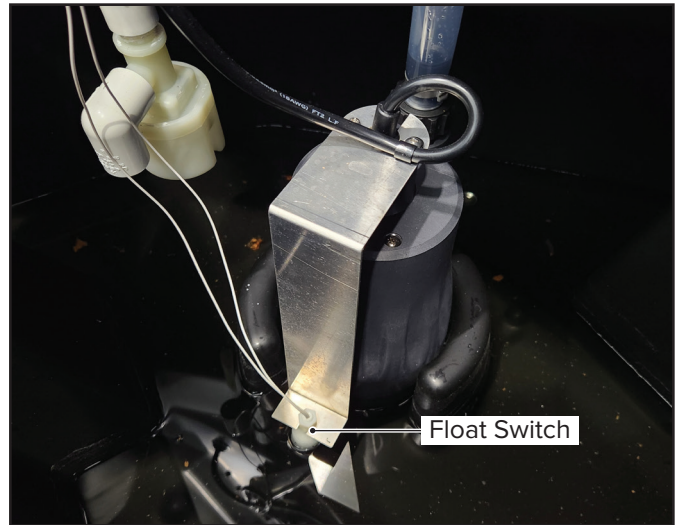
### 3. DISCONNECT FLOAT SWITCH (COOLERS WITH DELUXE CONTROLLER)



This step is applicable only to coolers with a Deluxe Controller. Skip this step if your cooler has a Standard Controller.

Remove float switch from pump bracket by loosening nut (Fig. 3).

Fig. 3



### 4. REMOVE OLD PUMP

Unscrew fitting on top of pump and disconnect water line from pump (Fig. 4.1). NOTE: Cool-Space 350 with Standard Controller shown.

Remove pump from cooler. Ensure rubber washer is present (Fig. 4.2).

Fig. 4.1

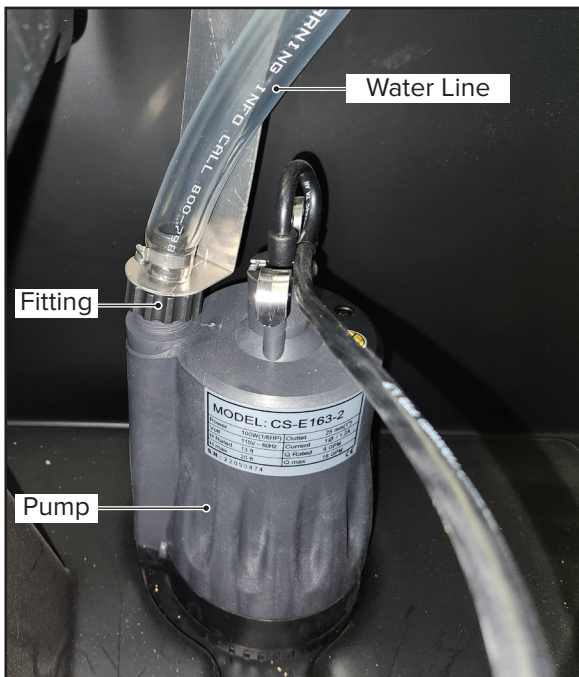


Fig. 4.2



## 5. REPLACE NEW PUMP BRACKET (COOLERS WITH DELUXE CONTROLLER)



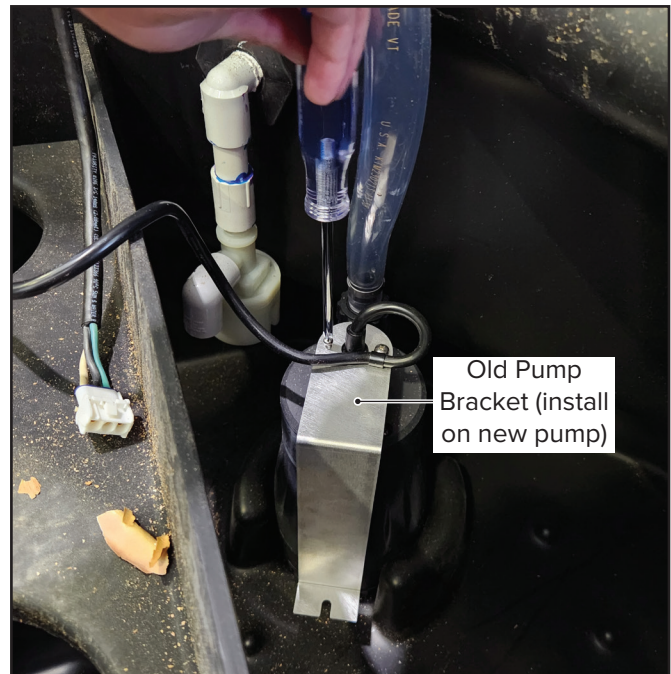
This step is applicable only to coolers with a Deluxe Controller. Skip this step if your cooler has a Standard Controller.

Remove and discard metal bracket from top of **new pump** (two screws) (Fig. 5.1). Remove metal bracket from top of **old pump** (two screws) and install on new pump with the same two screws (Fig. 5.2).

Fig. 5.1



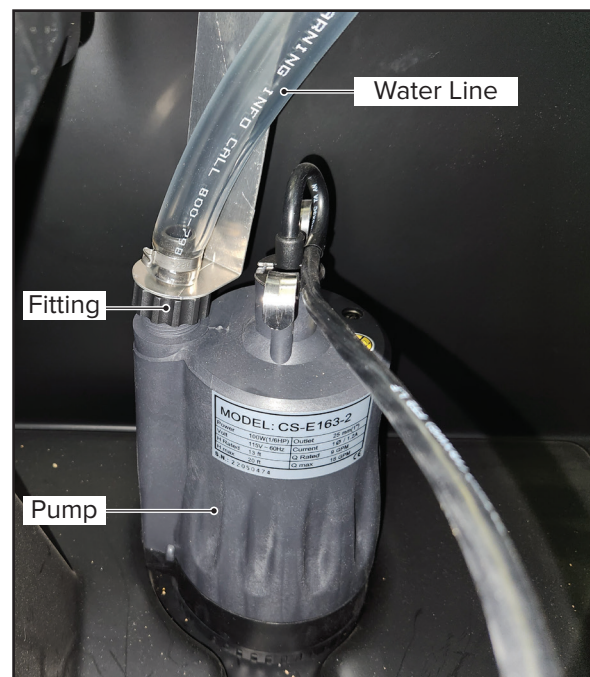
Fig. 5.2



## 6. INSTALL NEW PUMP

Place new pump into cooler. Ensure rubber washer is underneath the thread on the fitting and connect water line to pump (Fig. 6). Tighten fitting. *NOTE: Cool-Space 350 with Standard Controller shown.*

Fig. 6



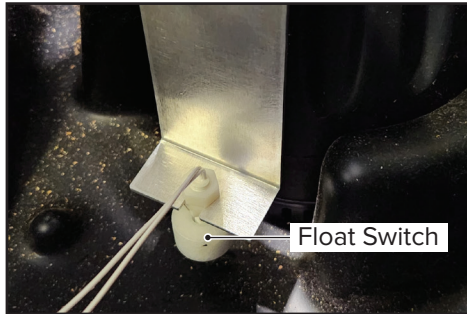
## 7. REINSTALL FLOAT SWITCH (COOLERS WITH DELUXE CONTROLLER)



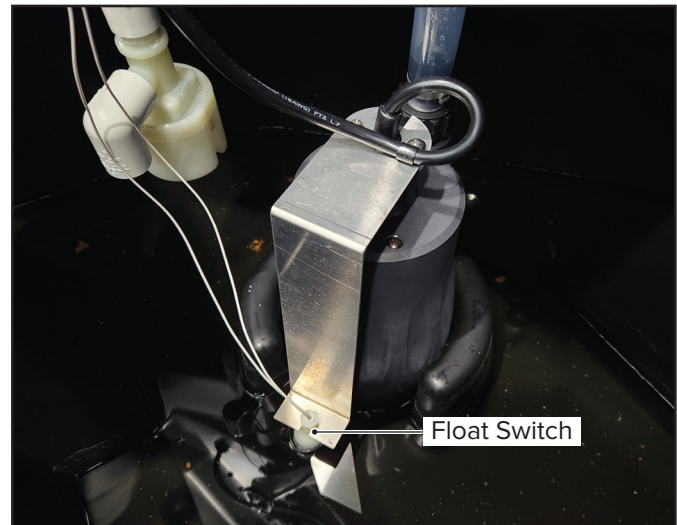
This step is applicable only to coolers with a Deluxe Controller. Skip this step if your cooler has a Standard Controller.

Reinstall float switch into notch on pump bracket as shown. Tighten nut (*Fig. 7.1, Fig. 7.2*).

*Fig. 7.1*



*Fig. 7.2*



## 8. CONNECT PUMP POWER CABLE, SECURE CABLES, REINSTALL COOLING MEDIA

Connect pump power cable to controller cable.

**IMPORTANT:** Secure the controller and pump cables with the provided zip ties in the same locations as the previous zip ties. The zip ties ensure the cables are clear of the fan blades.

Reinstall the cooling media according to the [Cooling Media Replacement Instructions](#).

<https://bigassfans.com/docs/evap-coolers/cool-space-media-replacement.pdf>

