



Cooling System Instructions

1) Connect power

- a. The cooling system has a direct connect plug-in to your battery tender connection. This is a standard SAE plug and play part. The electric draw of the cooling system is very small (.5 Amp). For reference, a low power 25Watt light bulb draws 2 Amps (25W/12V from MC battery) and the cooling system is far less than the 25W light bulb at ½ Amp.

2) Connect the hose

- a. Quick connects have valves that shut off the water. So if you test the pump and it stops, the hose must be connected to the vest to allow water to circulate. The pump is designed to not pump water IF the water pressure increases too high.
- b. The hose is long to meet all customer needs, but placing excess hose on backside, taking long route to rider, or making gentle loop and tying off excess works. You can cut down the hose and use the same parts again(Don't cut it too short). The remaining small amount of hose hanging down is needed for dismounting the bike.

3) Strap securely to your bike

- a. Each bike has a different attachment set-up, but if available - the back handholds are a good tiedown point.
For a quick secure attachment, place both buckles to one hand and find middle of strap with other hand. Insert middle of strap through bike handhold and pass the two buckles in between the loop. Snap to the cooler and tighten adjustment clips.

4) Add ice and water to cover intake tube

- a. Add water to cover tubes(max- less than a quarter of cooler is needed) – one of the tubes is an intake for the pump. Fill the remainder of the cooler full with ice.
- b. **Note: most (90+%) problems are because water is not getting to pump.** There is nothing wrong with the system or cooling, the tube just needs to be placed back into the ice water.

5) Put on vest - adjust elastic to get snug with your body

- a. The vest was designed with 6 inches of stretch – a combination of elastic and fabric stretch - so the tubes can be pulled snug to the body. If the tubes do not touch the skin, there is no cooling in that location.

6) Connect vest and hose with quick connects

- a. Quick connects are easy to connect. Insert the male connection until you hear a click and it is solidly attached. Disconnect by pushing the blue release tab.
- b. If Quick Connects are forgotten and damaged during dismount – they are inexpensive and easy to replace. Order from CPC(Colder Products) ¼" quick release parts.