

**HAMILTON**  
— MOTOR COMPANY —



**THE  
NEXT LEVEL  
OF AIRCRAFT  
COOLING**

# User Manual

**HAMILTON**  
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# We are honored to serve **You.**

- Do not hesitate to call our support line with any questions (504) 484-9677.
- Our team is here to support you and ensure your unit is functioning to its peak potential.

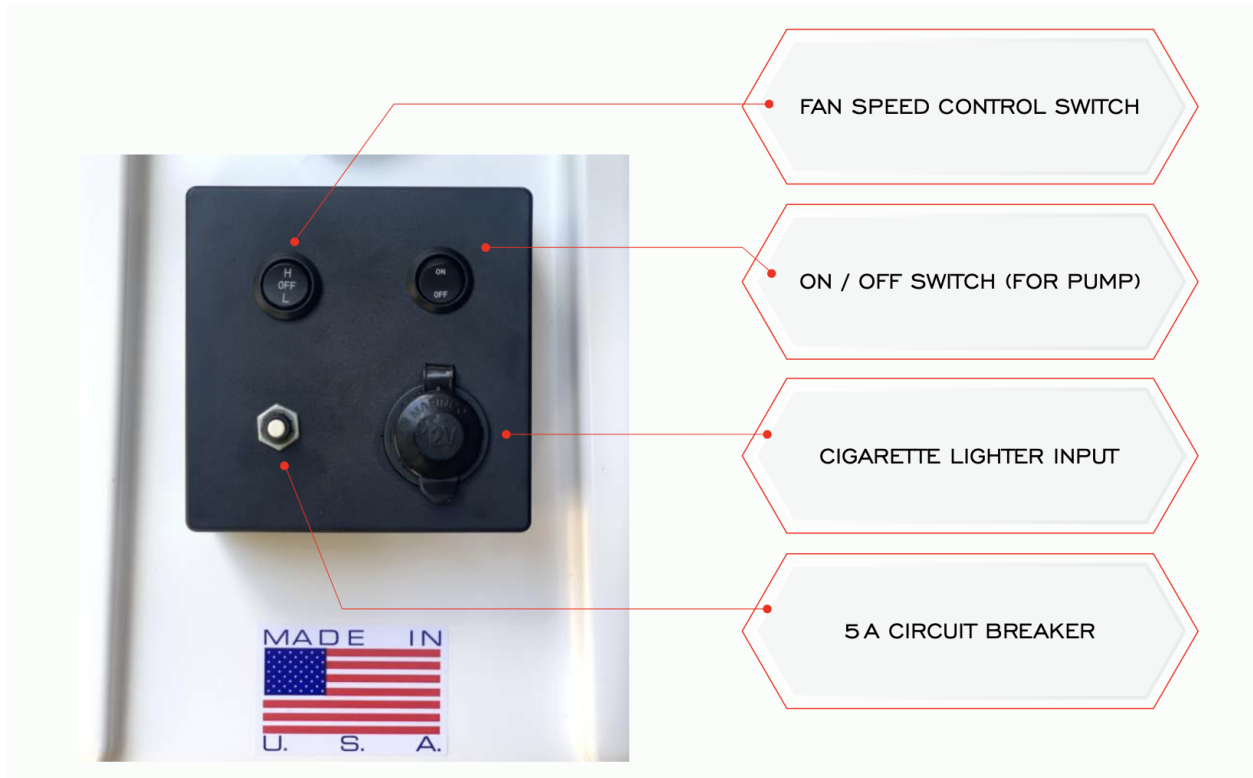
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# 1.1 Best Practices

- Your YETI cooler is most effective if it is stored in a cool or cold environment. To whatever extent possible, avoid leaving it in a hot car or hanger prior to use, as this will reduce your cooling performance.
- We recommend adding ~20lbs of ice to the Impact, and up to 30lbs of ice to the Dual.
- Additionally, we recommend adding two “bottles” of drinking water (approximately 30 fluid ounces). Water acts as an insulator for your ice and as a medium of transferring the “cold” energy to your heat exchanger(s).
- Our unit functions by quickly melting your ice, and then leveraging the high specific heat of water to maintain cooling. Do not be alarmed if your ice melts quickly—this is functioning as intended.

# 1.2 Controls

- Your Aircraft Climate is equipped with the below controls for your pump and fan:



- Note: The Impact and Dual models have a 10A circuit breaker.

## 2.1 Remote Control

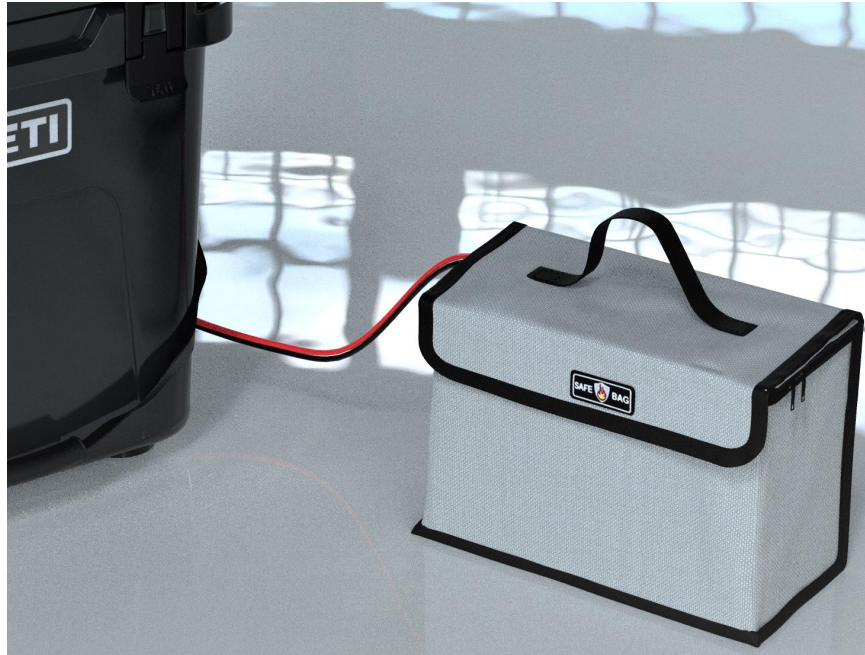
- Your Aircraft Climate may be equipped with an optional remote control.
- Our advanced long-range remote control allows you to turn your Aircraft Climate on/off from inside or outside your aircraft.
- One button is designated for the pump and the other button is for your fan.
- NOTE: The physical switches on the side of the cooler must be left in the “on” positions for the remote control to be able to activate your Aircraft Climate systems. The fan speed setting on the physical switch will still dictate the fan speed of the unit.

## 2.2 Remote Control



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## 3.1 Optional Battery Kit



- Our optional battery kit includes a Lithium Iron Phosphate battery. These batteries are much safer than Lithium-Ion or LiPo batteries.
- We include a FireSafe Bag to store your battery, charger, or other accessories. This is not necessary, but we include it for added safety.
- Our battery kit can power an Impact or Dual for over two hours.

## 3.2 Charging Your Battery

- Use the included charger to recharge your battery. The indicator light will tell you when it is fully charged. Do not worry about overcharging the battery.
- You do not need to remove the connector assembly from the battery prior to charging. You can simply clip the charger on top of the connector assembly.



# 4.1 Priming Your Pump

- **NOTE:** The first time you operate your Aircraft Climate, you may need to prime your pump.
- **Follow the below steps to complete this process:**
- Add water to your Aircraft Climate, so the bottom of the pump is submerged in water.
- Power on your pump. Let it run for 30 seconds and then cycle it on/off three to four times.
- You should see water flowing vigorously out of the downspout. If you do not, repeat the above step.