1. **What is the minimum and maximum voltage required to power the motor?**
   a. The motor is labeled 230 volts but there is a +/- 10% allowable variation in voltage.
   b. The acceptable voltage range is 207-253 Volts AC

2. **Can I adjust the prime time and speed of the motor if the 4 minutes at 100% flow is not necessary?**
   a. The priming time and motor speed is adjustable as follows:
   b. The control has to be in the OFF STATE (Green RUN LED OFF).
   c. Press and hold the EXIT key and the RIGHT ➔ key for approximately two seconds.
   d. The screen will say PRESS ENTER TO CONFIRM. Press the Enter button.
   e. The screen now shows the current setting for priming. Press Up / Down to adjust the prime flow rate (from 30% to 100%).
   f. Then press RIGHT to get to the prime time minutes. Press Up / Down to adjust the prime flow time (from 0 minutes to 10 minutes).
   g. Press enter to save the data.

3. **How long do the programmed settings last in the event of power outage?**
   a. The program is saved in permanent memory so if the power goes out to the motor, your program settings are secure.
   b. The time of day and day of week settings are saved but only for 8-24 hours dependent upon the ambient temperature around the motor. The cooler the temperature, the less time the time and day are saved. Should these settings be lost, please follow the directions under the lid of the user interface to reset the time of day and day of week then press the Run/Stop button to run the pump.

4. **When a button is pressed on the User Interface, how long does it take for the motor to respond to the command?**
   a. The motor should respond within 2 seconds to the command entered onto the user interface.
5. How do I program my pump to run at the most energy efficient setting?

a. Go to this web site: http://www.usmotors.com/Energy-Efficiency/Pool-Calculator.aspx

b. Enter the current motor’s horsepower & service factor range. Enter your State or for a more accurate measure, your Kwh cost, the hours per day you run your current pump and the number of months per year your pool pump runs. Enter in the number of gallons of water in your pool and the desired number of water turnovers. If you do not know, we recommend two water turnovers per day. Then press the Optimize button.
Click “Print Savings Report” to obtain a consumer ready sales tool like the below:

![Energy Savings Report](image)
6. Can I run the EcoTech EZ® pool motor for 24 hours per day?
   a. We recommend setting the program on the user interface to run the unit from 12:01AM to 11:59PM daily to avoid any kind of software issues when the unit changes the day of the week to the next day at midnight each night.

7. Do our motors communicate with 3rd party controllers?
   a. Yes with the purchase of our EZCOM™ interface adapter. Please see the EcoTech EZ® Interface adapter manual link from this web site:

8. Do our motors have an input/output jack to link booster pump operation?
   a. This can be accomplished by using the EZCOM™ interface adapter output jack and a relay. Please see the link listed above in # 7 for the hot link to this user manual.