



The Affinity® motor and timer is an easy-to-install two-speed pool pump motor with an integrated programmable timer, designed to achieve maximum energy efficiency and utility dollar savings.

affinity® 2 SPEED

- > Motor and timer are one piece
- > California Title 20/24 Compliant
- > Easy to install and program
- > Energy savings
(fast payback on investment)

Nidec

NIDEC MOTOR CORPORATION

Nidec Motor Corporation
8050 W. Florissant Avenue
St. Louis, MO 63136

www.usmotors.com/pool-spa

1-866-278-6920

Fax: 866-422-7758

E-mail

Sales: nidecpool@nidec-motor.com

Technical Support: motorhelp@nidec-motor.com



INNOVATION MADE EZ™

affinity® 2 SPEED

*Two Speed Pool Pump Motor
with a Programmable Timer*



Energy Efficient

Increased demand on the power grid, rising energy costs and environmental concerns have prompted many states to enact legislation requiring the use of energy efficient motors.

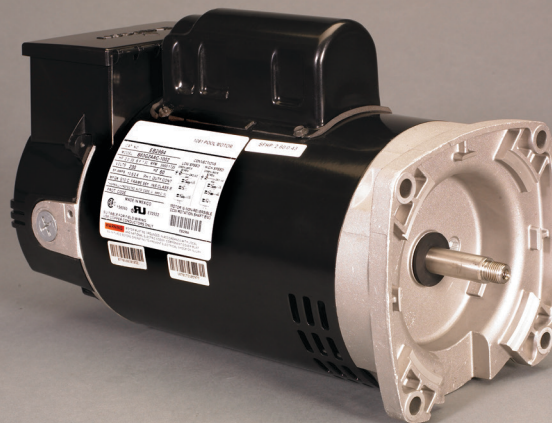
The timer mounted on the Affinity® 2 Speed motor makes it easy to program operating times and flow rates for maximum energy savings. The Affinity® 2 Speed motor can be programmed to run on high at 3450 RPM or low at 1725 RPM; and at different times and speeds for weekdays and weekends.

Running the Affinity® 2 Speed motor on low speed optimizes pool energy savings while maintaining the manufacturer's suggested daily water flow to properly filter the pool.

Quick Installation

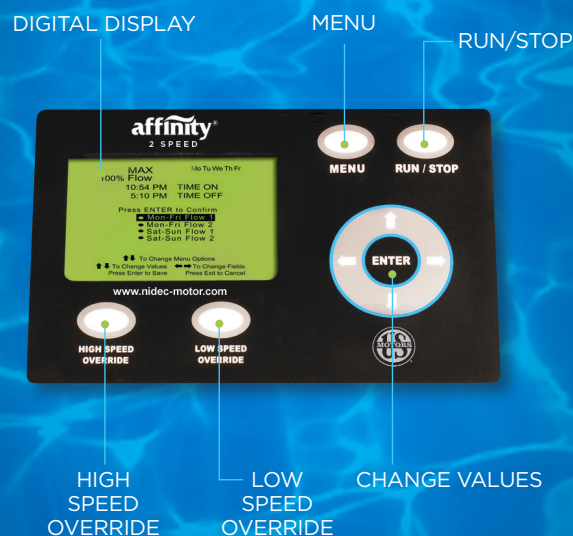
The Affinity® 2 Speed motor uses an angled terminal board with simple quick connect or screw head connections. Installation is easy. Simply bring in the two power leads to the angled terminal board and then attach the ground lead to the ground screw on the endshield near the terminal board. The Affinity® 2 Speed motor is available in 1 through 2.6HP.

affinity®
2 SPEED
Programmable Pool Motor



Easy to Program

The Affinity® 2 Speed motor is factory programmed to be a drop-in replacement for a standard single or two-speed pool pump motor with only minor programming required. Just set the time and day of the week and the motor is set to operate. It's easy to customize speed settings for maximum energy savings. Simply program on and off times for low and high speeds. Operating the Affinity® 2 Speed motor on low speed saves the most utility dollars.



Freeze Sensor

The Affinity® 2 Speed motor includes a freeze sensor mounted inside the control. If the control is enabled (on), the sensor will detect temperatures below 40 degrees Fahrenheit and run the motor on low speed 30 minutes on and 30 minutes off until the temperature rises above 40 degrees F.

Note: Considering the placement variation of the Affinity® 2 Speed motor the freeze sensor can only support the prevention of pool water freezing and not guarantee the prevention of pool water freezing.

2 Speed Motor

- > The Affinity® 2 Speed motor is available in C-face and Square Flange mounting configurations.
- > The Affinity® 2 Speed motor is equipped with a timer and a digitized user interface.
- > The Affinity® 2 Speed motor is factory programmed to be a drop-in replacement for a standard single or two-speed pool pump motor with only minor programming required. Speed settings can maximize energy savings by programming on and off times for low and high speeds.

