





IPSSAVENERCONFERENCE 2000

Boshona Others

GANGERIA SENSEMENTAGE

February 5, 2009



A motor whose speed may be selected from several different pre-set ranges:



A residential pool pump motor whose speed can vary continuously over a specified range.



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A residential pool pump motor designed or intended to be operated at one of two preset speeds



The HP displayed on the name plate medicies on the name of the many of the name of the many of the medicies of the medicines of the medicines



- Trotal Fierserower
- A value equal to the product of the motor's service factor and the motor's namepate (rated) horsepower
 - Service rector
- A multiplier which when applied to the rated horsepower, indicates a permissible horsepower loading which can be carried under the conditions specified for the service factor



- A value equal to the product of the motor's nameplate HP and service factor.
- This term was not defined in the January 1: 2008 regulation and now applies to units manufactured on or after January 1: 2010



- The low speed having a fotation rate that is a larger that one half of the section rate.



- A motor that is used as a replacement residential pool pump motor or as part of a residential pool pump and motor combination



- Residental pool pump and metor combination.
- A residential pool pump motor coupled

 to a residential pool pump



- Replacement residential pool pump motor
- A replacement motor intended to be coupled to an existing residential pool pump that is used to circulate and filter pool water to maintain clarity and sanitation



- Residential recommendation
- An impeller attached to a motor that is used to circulate and filter pool water in order to maintain clarity and sanitation



- FIGORGE (6) (5) (E) X FIZUMPANO RORS
- Pool pump motors with a capacity of 1 HP or more which are manufactured on or after January 1, 2008, shall have the capability of operating at two or more speeds with a low speed having a rotation rate that is no more than one half of the motor's maximum rotation rate. This section applies to models manufactured prior to January 1, 2010.

Pool pump motors of <u>nameplate</u> 1 HP or greater, manufactured after January 1: 2008 and prior to January 1, 2010 shall be capable of two or more speeds and controlled with an appropriate times.



1605/3 (g)(5)(B)2

Residential Pool Pump Motors

Residential pool pump motors with a pool pump motor capacity of 1 HP or greater which are manufactured on or after January 1, 2010, shall have the capability of operating at two or more speeds with a low speed having a rotation rate that is no more than one half of the motor's maximum rotation rate. The residential pool pump motor must be aperated with a pump control that shall have the capability of operating the pump at least at two speeds. This section applies to models manufactured on of after January 1, 2010.

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Pool pump motors of 1 **Total HP** of greater manufactured after January 1, 2010 shall be capable of two or more speeds and controlled with an appropriate timer.



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- Referred an entire and the second sec or after January 1, 2008 that are sold for use With a hwo bolk in ole as delegable in the shall have Gastalawespeeds all heaconike state at its olielienen soeed seinerschellbenen nore: itialition figure from the motors maximum retailon rate. Any high speed override capability shall be for a temporary percemonic exceed on 24-hour cycle without resetting to default settings.



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- Low speed being one-half the motor's maximum speed.
- Manual override shall not extent beyond a 24 hour period.



IPSSA ENERGY CONFERENCE Product Labeling

- (A) Each residential pool pump shall be marked, permanently and legibly on an accessible and conspicuous place on the unit, in characters no less than 'k', the Rated horsepower of the pump.
- (B) Each residential pool pump motor shall be marked permanently and legibly on an accessible and conspicuous place on the unit, in characters no less than ¼*, the Total horsepower pool pump motor capacity of the motor.



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- (C) Two speed or multi-speed residential pool pumps certified under Section 1606 of this Article on or after January 1, 2010 shall be marked, permanently and legibly on an accessible and conspicuous place on the unit, in character no less than '4'.
 - Andrew de la ministration de la



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Co-sponsored by

California Energy Commission



