

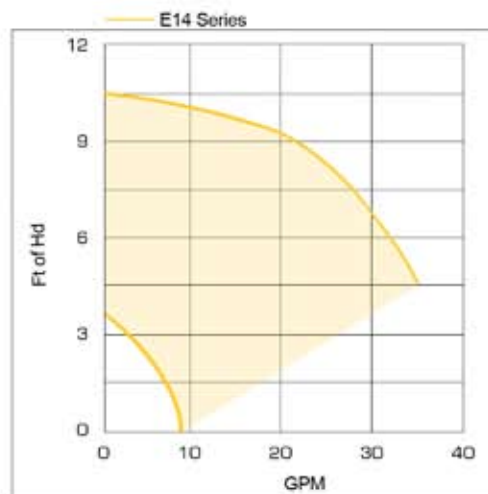
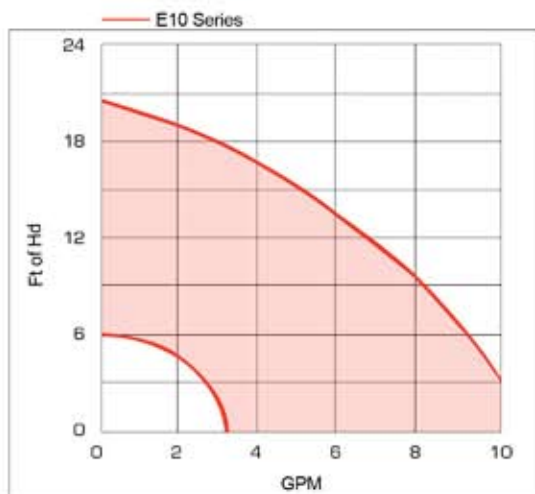
Cut your energy cost by 40% with the **E Series** Spa Circulation Pump

The leader in Spa Circulation Pumps for 20 years



The E10 and E14

- 40% more efficient than standard induction motors
- Electronically Commutated Motor (ECM)
- Shaftless, Seal less, and Leakproof
- Water Lubricated
- Dry Run Protection
- Electronic Speed Control
- Programmable - Sleep Mode
- Variable Speed - PWM Controllable
- Open Impeller - Resistant to Clogging
- Compact Design - Maximize Under Skirt Geometry
- Light Weight (Less than 4lbs vs. 14lbs for 48 Frame)
- Whisper Quiet - End 48 Frame Growl



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E Series Fact Sheet

- The E14 consumes 40% less power than standard circ pumps with 48 frame induction motors the benefit is the energy efficiency of the E14 pump should help with passing the CEC title 20.
- The only pumps to offer “Smart pump” technology that is programmable without requiring a separate controller... i.e. Dry Run Protection and soft start.
- Built in DRY RUN protection is programmed into the software to help eliminate motor and pump damage if the pump is run without water, not sufficiently primed or is air locked.
- Pumps can be programmed for even greater efficiency by going into sleep mode when the spa heater is not engaged.
- Pump design offers real-time flow reading and therefore can replace the flow switch, pressure switch while providing greater accuracy and reliability.
- Variable speed option is available so that the performance can be controlled either by a dial control or by electronic input, i.e. PWM.
- Other programmable features include running waterfalls, sending check filter and maintenance required messages.
- The E14 is quieter, offering a lower overall db level, than traditional induction pumps, eliminating the 48 frame growl.
- The Laing permanent magnet design allows for the capture of 90% of the heat to be transferred into the water versus being lost to the air in waste.
- The Mag drive design has no shaft seals to leak or pump shaft to wear.
- The E series pumps seal with captured O-ring design for the best possible seal.
- The unique electronically commutated 230 volt motor is a global design offering the same performance on 60 Hz or 50 Hz power sources reducing the need to inventory two different pumps and motors. Only have to stock one pump to support the global market.
- The E14 weighs less than 4 pounds versus 14 pounds for standard induction pump motors.
 - Smallest footprint in the industry, unique compact design has a 8” foot print versus and 16” footprint on a standard 48 frame motor.
 - Pump mounts in multiple plumbing positions with ease and is changeable on the line or in the field.
 - Laing is a recognized brand worldwide, with offices in San Diego CA, Stuttgart, Germany, Budapest Hungary and Japan.



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