EcoStar’s digital control interface and easy-to-read display shows information such as pump speed and power consumption.

Revolutionary digital control interface rotates to 4 different positions or mounts on the wall.

Model Number Description Speed Range Voltage Union Connections
SP3400VSP EcoStar 600-3450 RPM 230V Single Phase 2” x 2½”
SP3400VSPVR EcoStar SVRS 1000-3450 RPM 230V Single Phase 2” x 2½”

Overall Dimensions

EcoStar runs efficiently in all of these ranges.

ECOSTAR PERFORMANCE DATA

To take a closer look at Hayward EcoStar, go to www.haywardnet.com or call 1-888-HAYWARD.
EcoStar™ and EcoStar SVRS™ are the ideal choice for energy savings.

EcoStar’s efficiency saves up to $1,500* in energy costs year after year.

With EcoStar’s family of pumps, money flows back into pool owners’ pockets. New Hayward® EcoStar SVRS is the industry’s most energy-efficient variable speed pump, thanks to a super-efficient permanent magnet, totally enclosed fan cooled (TEFC) motor and industry leading hydraulic design. Tests prove that EcoStar can save pool owners up to 90% on energy costs compared to ordinary single speed pumps. EcoStar can match pump flow to a pool’s needs, versus running at full power 100% of the time.

EcoStar SVRS Safety and peace-of-mind in a pump.

The EcoStar SVRS model features an integrated Safety Vacuum Release System (SVRS) that helps prevent suction entrapment without additional devices, plumbing or wiring. It meets or exceeds all relevant ASME/ANSI standards as required by the Virginia Graeme Baker Pool and Spa Safety Act and similar state and local requirements.

EcoStar and EcoStar SVRS install easily and work with a wide variety of equipment.

Customers can save significant time and money by installing EcoStar, without having to buy additional equipment or accessories. It’s fully programmable with a soft contained 24-hour clock and up to 8 custom speed and timer functions that allow EcoStar to manage flow throughout the day. EcoStar can alternatively be controlled by Hayward controls such as pro logic®, OnCommand™ and E-Command®. In third-party pool and spa controls. Whether used in new construction or aftermarket applications, EcoStar is the perfect choice.

Quiet by design.

Sunday afternoons and soft summer nights are never interrupted. EcoStar’s variable speed control allows the water flow in the pool and spa. With its ability to lower speeds, EcoStar moves water more efficiently, so the motor can run at even lower speeds for incredibly quiet operation.

Power saves both energy & money

*Assumed speeds measured in revolutions per minute. EcoStar can be “dialed in” to the specific speeds needed for the given application.

**Design concept in a single speed pump costing $1,500 less. basin extends time between cleanings. 2" x 2 1/2" union connections. Industry-leading hydraulic design: moves water more efficiently, the motor can run at even lower speeds for incredibly quiet operation. 3. Additional parts and accessories can include: bi-weekly and quarterly inspections, professional cleaning, expert advice and troubleshooting. 4. Larger basket extends time between cleanings. 2" x 2 1/2" union connections. Industry-leading hydraulic design: moves water more efficiently, the motor can run at even lower speeds for incredibly quiet operation. 5. In case of pump motor failure, replacement parts and accessories can include: bi-weekly and quarterly inspections, professional cleaning, expert advice and troubleshooting. 6. Innovative multi-position digital control interface.
EcoStar™ and EcoStar SVRS™ are the ideal choice for energy savings.

EcoStar’s efficiency saves up to $1,500* in energy costs year after year.

With EcoStar’s family of pumps, money flows back into pool owners’ pockets. New Hayward® EcoStar is in the industry’s most energy-efficient variable-speed pump, thanks to a super-efficient permanent magnet, totally enclosed fan cooled (TEFC) motor and industry-leading hydraulic design. Tests prove that EcoStar can save pool owners up to 90% on energy costs compared to ordinary single-speed pumps. EcoStar can match pump flow to a pool’s needs, versus running at full power 100% of the time.

EcoStar SVRS Safety and peace-of-mind in a pump.

The EcoStar SVRS model features an integrated Safety Vacuum-Release System (SVRS) that helps prevent suction entrapment without additional devices, plumbing or wiring. It meets or exceeds all relevant ASME/ANSI standards as required by the Virginia Graeme Baker Pool and Spa Safety Act and similar state and local requirements.

EcoStar and EcoStar SVRS install easily and work with a wide variety of equipment.

Customers can save significant time and money by installing EcoStar, without having to buy additional equipment or accessories. It’s fully programmable with a built-in 24-hour clock and up to 8 custom-speed and timer functions that allow EcoStar to manage flow throughout the day. EcoStar can alternatively be controlled by Hayward controls such as the AccuLogic, OnCommand™ and E-Command™ for third-party pool and spa controls. Whether used in new construction or aftermarket applications, EcoStar is the perfect choice.

EcoStar saves both energy & money

**POWER CONSUMPTION (WATTS)**

<table>
<thead>
<tr>
<th>FILTRATION</th>
<th>AUTOMATIC POOL CLEANER</th>
<th>SPA MODE</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,000 RPM</td>
<td>2,000 RPM</td>
<td>1,500 RPM</td>
</tr>
<tr>
<td>2,500 RPM</td>
<td>2,500 RPM</td>
<td>2,000 RPM</td>
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<tr>
<td>3,000 RPM</td>
<td>3,000 RPM</td>
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<tr>
<td>3,500 RPM</td>
<td>3,500 RPM</td>
<td>3,000 RPM</td>
</tr>
</tbody>
</table>

Quiet by design.

Sunday afternoons and soft summer nights are never interrupted. EcoStar’s variable-speed control ensures the water flows at this rate needed, and because EcoStar’s advanced hydraulic design moves water more efficiently, the motor can run at even lower speeds for incredibly quiet operation.

**Design concept for a single speed pump running 12 hours per day, on a 20,000 gallon pool, at a national average electrical rate of $0.15/kWh. Actual savings may vary based on comparison pump model, hours of operation, electrical rate and other hydraulic aspects such as plumbing size and length.**

User and environmentally friendly.

EcoStar is extremely easy to use, even for a new pool owner. It has a user-friendly, integrated digital control interface that intuitively operates and always places a convenient direction as to what can be mounted in four different positions on the pump or can be removed and wall-mounted. That’s especially important if the pump sits in a tight space. EcoStar also provides on-site diagnostics and automatic protection for priming, freezing and voltage to ensure seamless operation.

A pump that creates a cleaner pool.

When operating at lower speeds, EcoStar moves water more efficiently through the filter, which means more particulate is removed from pool and spa water, for cleaner water. For added convenience, a no-rib basket design ensures easy debris removal.

When comparing a single-speed pump operating at normal speeds to the EcoStar variable-speed model, customers save $1,500 in energy costs during one operating year.*
EcoStar™ and EcoStar SVRS™ are the ideal choice for energy savings.

EcoStar’s efficiency saves up to $1,500* in energy costs year after year.

With EcoStar’s family of pumps, money flows back into pool owners’ pockets. New Hayward® EcoStar is the industry’s most energy-efficient variable speed pump, thanks to a super-efficient permanent magnet, totally enclosed fan cooled (TEFC) motor and industry-leading hydraulic design. Tests prove that EcoStar can save pool owners up to 60% on energy costs compared to ordinary single speed pumps. EcoStar can match pump flow to a pool’s needs, versus running at full power 100% of the time.

EcoStar SVRS Safety and peace-of-mind in a pump.

The EcoStar SVRS model features an integrated Safety Vacuum Release System (SVRS) that helps prevent suction entrapment without additional devices, plumbing or wiring. It meets or exceeds all relevant ASME/ANSI standards as required by the Virginia Graeme Baker Pool and Spa Safety Act and similar state and local requirements.

EcoStar and EcoStar SVRS install easily and work with a wide variety of equipment.

Customers can save significant time and money by installing EcoStar, without having to buy additional equipment or accessories. It’s fully programmable with a soft-started 24-hour clock and up to 16 custom speed and timer functions that allow EcoStar to manage flow throughout the day. EcoStar can alternatively be controlled by Hayward controls such as Pro Logic®, OnCommand™ and E-Command® or third-party pool and spa controls. Whether used in new construction or aftermarket applications, EcoStar is the perfect choice.

Quiet by design.

Sunday afternoons and soft summer nights are never interrupted. EcoStar’s variable speed control allows the water flows at the rate needed, and because EcoStar’s advanced hydraulic design moves water more efficiently, the motor can run at even lower speeds for incredibly quiet operation.

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A pump that creates a cleaner pool?

When operating at lower speeds, EcoStar moves water more efficiently through the filter, which means more particulate is removed from pool and spa water, for cleaner water. For added convenience, a no-rib basket design ensures easy debris removal.

EcoStar saves both energy & money

<table>
<thead>
<tr>
<th>POWER CONSUMPTION (Watts)</th>
<th>FILTERATION</th>
<th>AUTOMATIC POOL CLEANER</th>
<th>SPA MODE</th>
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</thead>
<tbody>
<tr>
<td>1000 RPM*</td>
<td>750-1000</td>
<td>2500-3450</td>
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<tr>
<td>2500 RPM*</td>
<td>1000-1250</td>
<td>3450-4500</td>
<td>3450 RPM</td>
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<tr>
<td>3450 RPM ONLY</td>
<td>1750-2000</td>
<td>5000-6000</td>
<td>3450 RPM</td>
</tr>
</tbody>
</table>

*Assumed speeds measured in revolutions per minute. EcoStar can be “dialed in” to the specific speed needed for the given application.

* Assumed speeds measured in revolutions per minute. EcoStar can be “dialed in” to the specific speed needed for the given application.
Hayward EcoStar™ pumps are the most energy efficient pumps at any speed.

**Application and Installation**
- In-ground pools of all sizes and shapes, pool/spa combinations
- Ideal for water features such as waterfalls and fountains
- Easiest installation with a well-contained (24-hour clock) and up to 8 custom speed and timer functions
- For enhanced pool management, can be controlled by Hayward® or third party pool and spa control platforms, without the need for additional accessories

**Total System:**
- Pumps
- Filters
- Heating
- Cleaners
- Sanitization
- Automation
- Lighting
- Safety

**EcoStar™ and EcoStar SVRS™**

The most energy efficient pumps at any speed.

**Additional EcoStar™ Features and Benefits**
- Automatic protection from priming failures, freezing temperatures, voltage spikes and brownouts
- Includes digital control interface wall mount kit
- 2” x 2½” CPVC union connections provide easy installation and service
- Pressure testable to 50 psi maximum
- Auto-priming capability, with suction lift up to 10’ above water level
- Extra leaf-holding capacity basket extends time between cleanings
- No-rib basket design ensures easy debris removal
- High-efficiency, water-saving motor for enhanced pool management
- Fully programmable with a self-contained 24-hour clock and up to 8 custom speed and timer functions

**Model Number Description Speed Range Voltage Union Connections**

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Description</th>
<th>Speed Range</th>
<th>Voltage</th>
<th>Union Connections</th>
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<tbody>
<tr>
<td>SP3400VSP</td>
<td>EcoStar</td>
<td>600-3450 RPM</td>
<td>230V</td>
<td>2” x 2½”</td>
</tr>
<tr>
<td>SP3400VSPVR</td>
<td>EcoStar SVRS</td>
<td>1000-3450 RPM</td>
<td>230V</td>
<td>2” x 2½”</td>
</tr>
</tbody>
</table>

**EcoStar SVRS**

- Pressure testable to 50 psi maximum
- Auto-priming capability, with suction lift up to 10’ above water level
- Fully programmable with a self-contained 24-hour clock and up to 8 custom speed and timer functions

**Overall Dimensions**

<table>
<thead>
<tr>
<th>Overall Dimensions</th>
<th>EcoStar</th>
<th>EcoStar SVRS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height</td>
<td>8.16”</td>
<td>8.43”</td>
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<tr>
<td>Width</td>
<td>10.18”</td>
<td>13.61”</td>
</tr>
<tr>
<td>Depth</td>
<td>8.74”</td>
<td>11.53”</td>
</tr>
</tbody>
</table>

**EcoStar Performance Data**

- EcoStar runs efficiently in all of these ranges.
EcoStar™ and EcoStar SVRS™

VARIABLE SPEED PUMPS

The most energy efficient pumps at any speed.

革命性的数字控制界面可旋转至4个不同的位置，或安装在墙上。数字控制界面也可从泵上卸下，安装在它旁边的墙上。

EcoStar™ and EcoStar SVRS™

申请及安装
- 适用于不同类型的水景及水疗池的组合
- 适用于瀑布和喷泉
- 配备时钟及8种预设速度和定时功能
- 适用于高级水管理，可由Hayward®或第三方泳池及水疗池控制平台控制，无需额外附件

EcoStar™ 特性及优势
- 自动防止泵启动失败、结冰、电压尖峰和停电保护
- 包含数字控制及墙挂式套件
- 支持2"x2½" CPVC连接，安装及维护方便
- 无肋篮设计便于清理
- 增加冲叶篮容量，延长清洁间隔
- 压力测试至50 psi 最大
- 自动抽水功能，吸水能力高达10英尺

型号 数字 描述 转速范围 电压 单相连接
SP3400VSP EcoStar 1500-3450 RPM 230V Single Phase 2” x 2½”
SP3400VSPVR EcoStar SVRS 1500-3450 RPM 230V Single Phase 2” x 2½”

EcoStar 系列泵

型号列表

<table>
<thead>
<tr>
<th>型号</th>
<th>描述</th>
<th>转速范围</th>
<th>电压</th>
<th>单相连接</th>
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<tbody>
<tr>
<td>SP3400VSP</td>
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<tr>
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<td>EcoStar SVRS</td>
<td>1500-3450 RPM</td>
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<td>Single Phase</td>
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EcoStar® Performance Data

<table>
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<tr>
<th>总水头 (英尺)</th>
<th>流量 (加仑/分钟)</th>
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<tr>
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<td>20</td>
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EcoStar® Series Pumps

型号列表

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