

**COVERSTAR™**



# **CS300™ AUTO SPA**

*Automatic Safety Cover*

*Product Launch*

*04.29.10*

*Innovation. Performance. Reliability.*

## **CS300™ Auto Spa Automatic Safety Cover**

### **Product Launch**

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## Introduction

Coverstar has developed a reputation in the automatic pool cover industry for being the leader in product and service innovation, performance and reliability. We are happy to announce the release of our new CS300 Auto Spa system which will provide us the opportunity to further support that position by addressing a growing market need in the spa and swim spa segment. The information included in this document should provide you a better understanding of this product, its positioning, product specifications and marketing materials available to you. Should you have any further questions or would like to provide feedback, feel free to contact John Bacon.

## Product Information

- Product Description

The CS300 Auto Spa automatic safety cover is Coverstar's latest addition to a long line of superior pool and spa cover products. The CS300 Auto Spa provides an attractive and effective solution for spa systems, swim spas and smaller pool applications up to 200 square feet. The small motor design allows the system to be installed in a cover box with a two-thirds less offset than standard systems, yet it still provides the required torque to efficiently open and close the cover. Like the full size Eclipse system, the CS300 incorporates a stainless steel mechanism and components to ensure optimal system life and performance.

- Product Positioning

The CS300 Auto Spa has been optimized for use with spa systems and swim spas requiring small installation spaces. It is the only stainless steel spa system in the industry ensuring superior performance and system life. The CS300 utilizes the same Ultragard fabric offered in its full-size systems. With Coverstar's patented heat-sealed webbing and UV protected vinyl-coated construction, the Ultragard III™ is the most durable fabric available today.

All Coverstar automatic pool and spa covers provide:

- Safety (ASTM certified)
- Energy and chemical savings
- Lower maintenance
- Convenient spa access

The CS300 can be utilized in a broad range of spa and swim spa designs including vanishing edges, raised bond beams, or other freeform systems.

## Product Advantages

### Small, Tuck-under Gear Motor

- The CS300 motor is completely potted in urethane, not just the wire entry points which provides optimal moisture protection
- Hardened steel gears in oil provide product durability and improved performance
- Requires minimal box space
  - Width: 8" minimum - 10 ¼" maximum; recommend 10" box to accommodate up to 20' system
  - Depth: 12"
  - Offsets: 11.75" motor end, 5.25" non-motor end; recommend minimum 13" and 6" offsets to allow for electrical and box size variations
- There are no chains to stretch or break and less space is required than a chain-driven motor

#### 2" Leading Edge Bar

- Minimizes height requirements and allows leading edge to sit below the coping

#### Ability to Cover Up to 200 Square Feet

- Will accommodate most spa systems and swim spas

#### Heavy Duty Ultragard III™ Fabric

- Coverstar is the only manufacturer that offers heat sealed webbing which is a patented process. It is much stronger and longer lasting than the industry standard sewn webbing. The heat sealed webbing bonds to the PVC bead so they move together. This eliminates the webbing from bunching up on the rope.
- No other manufacturer specifically warrants the attachment of the webbing to the fabric.
- Threads are the weakest point on the cover and break down in UV, chemicals, etc.
- Heavy weight, most technically advanced fabric ensures security and cover strength
- Coated vinyl construction permanently fuses layers together allowing the mesh center to gain increased strength; will not separate like laminated fabrics
- UV treated fabric provides protection against harmful sunlight

#### Flat Lid or Stone Lid Options

- The flat lids remove sharp edges and blend in with pool surroundings and allow easy access to the cover mechanism. Stone lids provide a matching border around the entire spa while allowing easy access to the mechanism

#### Economic Alternative to Full-Size Systems

- A dedicated spa unit provides a price effective solution for pool/spa combinations rather than having to purchase two full systems

#### Stainless Steel Mechanism

- Coverstar is the only manufacturer that offers a stainless steel mechanism. This heavy duty mechanism is designed to stand up to the harsh pool environment to give many years of reliable service.
- Owners will have fewer warranty calls due to thicker stainless steel gears, bracketry, drive shaft, pulleys, guide feeds and end caps.

#### Stainless Steel Lid Brackets

- Strongest, most reliable, durable and adjustable stainless steel brackets on the market.
- Available in several lengths to work with a variety of lid sizes.
- Designed to prevent sagging and flexing.
- Designed to facilitate bonding requirements.
- Lower profile than stainless brackets when seen from within the pool
- No rust marks common on traditional steel brackets

#### Touch Pad Switch

- The new touch pad switch is programmed with a 4 digit code to cover or uncover the pool. The touch pad switch has a snap-close face plate to keep it secure when not in use.
- Competitors' keypads have mechanical parts that wear out. Cap Sense key pads have no mechanical parts, electronically sense the presence of your finger and will outlast other keypads

#### Detachable Rope

- Coverstar offers detachable rope as standard.
- Ropes can be damaged due to misuse, poor alignment or even rodents.
- Detachable ropes allow you to replace ropes in one trip in a reasonable amount of time and do not require that the cover be sent to the factory for repair.

Three Channel Track with separate slider channel

- The extra channel in the track for the slider eliminates binding and increases reliability

## **System Specifications and Instructions**

- The CS300 Auto Spa system model number is: CS300
- An electronic version of the detailed CS300 system specifications is available on Insight. The part number is: L9943
- The CS300 is equipped with a 1/8<sup>th</sup> horsepower motor which generates 350 inch-lbs of torque. Due to its smaller size, the gearing has been lowered to provide greater torque. As a result, the motor turns at 19rpm, which is about half the speed of our standard motor. In most applications, this slower speed should not be an issue as the size of the spa/swim spa will be significantly smaller than a full size pool.
- A 4" roll-up tube and a 2" leading edge bar are standard for the system. Either a 10" flat lid or brackets for stone/masonry lids are available options for the spa system. The on-line ordering system will not allow system sizes greater than 200 square feet. The maximum width is 16' and maximum length is 25'.
- Installation Instructions are available on Insight in electronic format only; they will not be sent with each system. The part number is: L9947
- The Use and Care Guide is available on Insight in electronic format; it will be included with each system. The part number is: L9946

## **Sales Sheet**

The CS300 Sales Sheet is available on Insight in electronic format; hard copies are available for order through Coverstar. The sales sheet promotes the ability to install the system with minimal space requirements. It also highlights the shared benefits of the Eclipse system including its stainless steel construction, superior fabric and heat-sealed webbing, along with the safety, energy savings and convenience the system provides. The part number is: L9944

## **Competition**

Somewhat limited information is available for competitor spa systems. The following provides a brief overview of our understanding of competitor products currently available in the market. Please feel free to share with us any further information you may have regarding the competition so that we can update our records and share your insights with your associates.

- **Competitor Profiles**
  - **Coverpools**

Coverpools and PCS are the only two competitors who advertise dedicated spa units. The Coverpools' spa system utilizes a smaller motor with a chain drive system and a drive shaft that runs through the roll-up tube. As we know, chain drives are often prone to stretching and breaking under pressure. Coverpools only offers an aluminum mechanism. Their fabric is susceptible to separation due to its laminated construction. It comes 16 oz standard.

- **PCS**  
The PCS spa unit is called the Mini-Infinity™. The motor is inverted with a chain drive that is tucked under the system. While this configuration allows for minimal motor and non-motor offsets (they advertise “zero over-hang”), it requires a very deep box to house the system. In addition to the stretching and breaking issues associated with chain drives, the configuration positions the chain in the bottom of the box making it susceptible to rusting if the box has any standing water. PCS only offers an aluminum mechanism. The vinyl-coated fabric comes 16 oz standard with color-match sewn webbing.
- **Aquamatic**  
Aquamatic only offers a hydraulic configuration and does not have a dedicated spa unit. For spa units or pools requiring small boxes, Aquamatic uses a split drive dual motor system which allows for 6” offsets on both sides of the mechanism; however, utilization of two motors increases system costs. Their 16 oz fabric is manufactured in Korea, and it is our understanding that it does not provide any UV protection.
- **APC**  
We are not aware of a dedicated spa system offered by APC, although they will utilize their full-size system on spa/swim spa applications. APC is marketing a fabric that looks similar to the Coverstar heat-sealed webbing; however, this is not the same as the Coverstar product. The rope or bead is heat sealed, but the webbing is then sewn to the fabric. Obviously, this type of connection does not achieve the same benefit of the heat sealed webbing process offered by Coverstar. In addition, APC offers the same type of 16 oz Korean fabric offered by Aquamatic without the benefit of UV protection.