# S-SERIES

## High Efficiency Light Duty Commercial Electric Water Heater

Available From 10 - 119 Gallon Capacities

## FEATURES

### Heavy Duty Construction
- Seamless Hydrastone cement lining provides long tank life
- Plastic jacket will not rust, scratch or dent eliminating damage and is maintenance free
- No sacrificial anode rod

### High Efficiency
- 2" thick polyurethane foam insulation reduces standby heat loss to maximize operating efficiency

### Advanced Heating Element
- Low watt density element and all copper/brass construction provides protection against mineral build up

### Warranty
- Industry leading 5 year tank warranty and 1 year limited parts warranty

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## Vaughn Combines Efficiency and Longevity

The S-Series electric water heater from Vaughn combines time proven technologies with our Hydrastone Cement lining for the industry’s longest lasting and most reliable high efficiency water heater. The Vaughn S-Series electric water heaters are equipped with low watt density elements, thereby reducing the potential problem of mineral build up common to the failure of conventional elements. A cleverly designed cold water inlet connection gently diffuses the flow of cold water in the lower portion of the tank, resulting in improved energy efficiency and performance. The S-Series is available in a wide range of sizes, making it a versatile fit for any project. Lowest standby heat loss, proven components and the industry’s longest lasting tank make the S-Series electric water heater the preferred choice for your water heating needs.

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## Built With You In Mind

High Efficiency • Superior Performance • Long Service Life
Controllers
Vaughn Thermal Corporation
Water Heaters
Bronze Fittings
At all water openings eliminates corrosion due to dissimilar metals. No dielectric unions or sacrificial anode rod required.

Brass Cold Water Inlet and Drain with Diffuser
Introduces cold water at the bottom of the tank and prevents turbulent mixing with heated water.

Hydrastone Lining
A seamless ¼" thick cement lining is impervious to adverse water conditions and is proven to be the most effective method of preventing tank failure due to corrosion.

Hand Hole Clean-Out Option
Large opening provides easy access to remove severe mineral build-up.

Heat Trap
Built-in heat trap prevents unnecessary heat loss, improves efficiency and reduces operating cost.

Premium Insulation
2" thick polyurethane foam combined with heat-retaining hydrastone lining allows less than 0.3°F heat loss per hour.

Plastic Jacket
Rust-free, light weight, all plastic outer jacket. Easy to clean and no maintenance.

Commercial Grade Elements
Special low watt density, all copper and brass heating elements for reduced mineral build-up and long life.

SPECIFICATIONS
Model | Storage Capacity (Gallons) | Standard Wattage & Voltage | Diameter (Inches) | Height (Inches) | Shipping Weight (lbs.)
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S10 | 10 | 1500 Watts 120 Volt | 20 | 20 ½ | 94
S19 | 19 | | 20 | 32 ½ | 124
S30 | 30 | | 20 | 33 | 157
S40 | 40 | | 20 | 58 | 209
US40 | 40 | 4500 Watts 240 Volts | 26 | 33 | 206
US50 | 50 | | 22 ¼ | 51 | 222
S55 | 50 | | 28 | 36 | 246
S60 | 60 | | 22 ¼ | 58 | 266
S65 | 65 | | 26 | 47 ½ | 254
S70 | 70 | | 22 ¼ | 69 | 306
S70T | 70 | | 28 | 58 | 311
S80 | 80 | | 22 ¼ | 72 ½ | 317
S80T | 80 | | 26 | 69 ½ | 379
S100 | 100 | | 28 | 69 | 398
S120 | 119 | | 28 | 69 | 398

Alternate wattages up to 12 kW and alternate voltages up to 600V available, Please contact factory.

Vaughn Product Line
- Residential Electric Water Heaters
- Residential Heat Pump Water Heaters
- Commercial Electric Water Heaters
- Indirect Water Heaters
- Solar Water Heaters
- Range Boilers
- Off Peak Timers
- Storage Tanks
- Digital Energy Controllers
- Electronic Controls

Vaughn Water Heaters... The Difference is Clear

Built With You In Mind
- 5 year tank warranty
- High Efficiency
- No anode required

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