

New
from




PLUS

What's the Plus?



The Heat Exchanger is Installed!

PLUS

A host of improvements that you've asked for...

Heat Exchanger Already Installed

- No on site assembly
- Save at least 1/2 hour in labor

PLUS

1. All Fittings on Top of Tank

- No extra piping to cold inlet
- T&P valve now included with every tank

PLUS

2. New O-Ring Gasket Design

- Eliminates installation guesswork
- Simplifies gasket exchange

PLUS

3. New Foamed Plastic Cover

- Eliminates fiberglass insert
- Improves heat loss

PLUS

4. New Heat Exchanger Design

- Windings concentrated in the bottom of the tank
- Greater differential improves HX efficiency by 15%

PLUS

5. Unique Cold Water Diffuser

- Constantly washes HX – reduces mineral buildup by 50%
- Counter flow design increases HX output by more than 20%

PLUS

6. New TPI Thermostat

- Electronic intelligence and accuracy
- Eliminates temperature overshooting

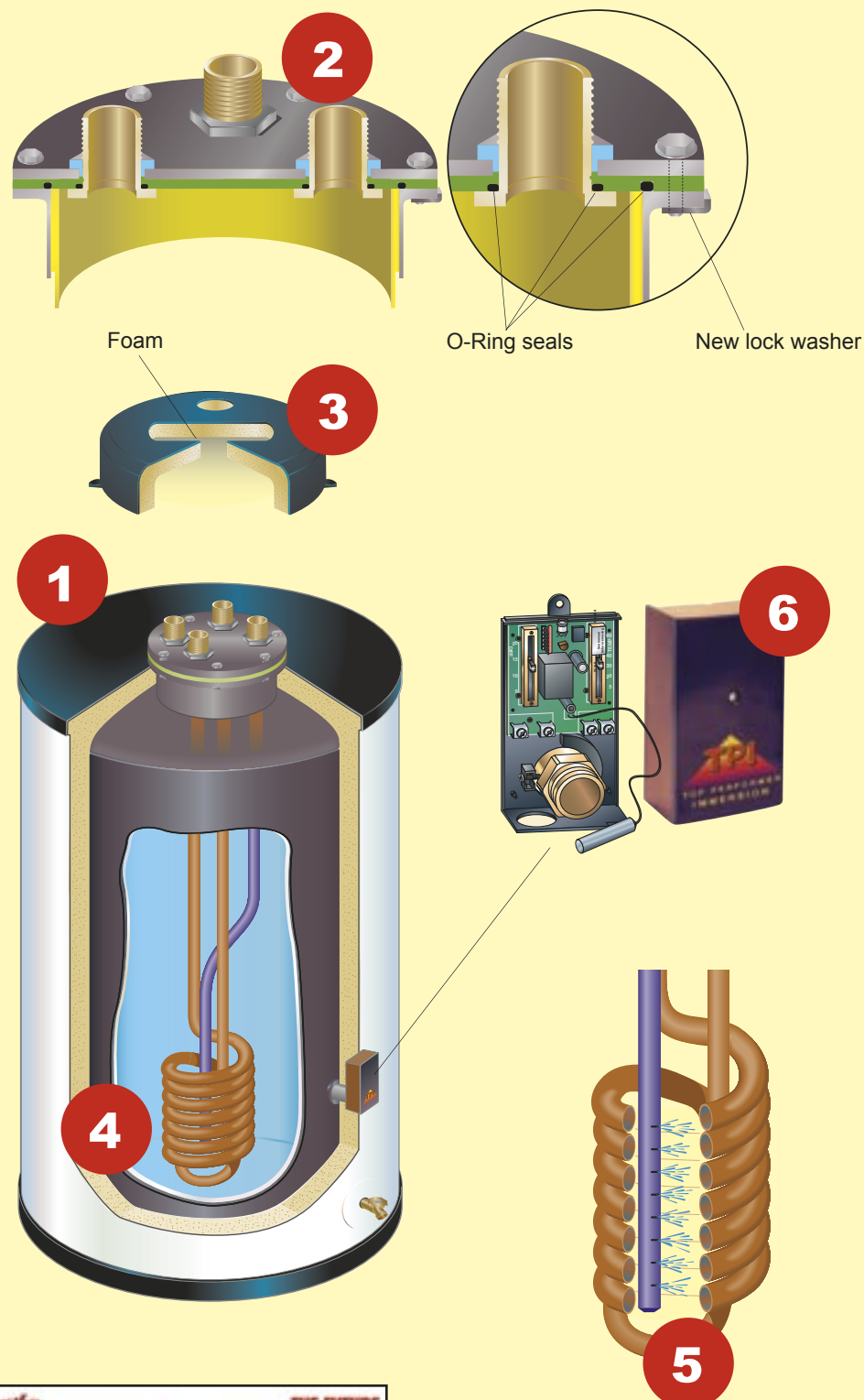
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7. New Vaughn Website www.vaughncorp.com

- Download specs, engineering data, sizing guides

New Improvements Make the Top Performer PLUS Easier & Better

Save Over \$100 Per Installation!



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www.vaughncorp.com

Tank Specifications/Connections

Model	Gallons	Height	Diameter	Weight	Piping Connections - NPT		
					Domestic Water Inlet/Outlet	Boiler Water Supply/Return	T&P
S35TPP	35	39	22.75	185	3/4" M	3/4" M	3/4" F
S50TPP	50	40	26	238	3/4" M	3/4" M	3/4" F
S70TPP	70	46.5	28	290	3/4" M	3/4" M	3/4" F
S70DTPP	70	46.5	28	290	1 1/2" M	1" M*	1" F

Performance Specifications

Model	First Hour ratings (GHP)		Boiler Output (BTU/HR)	Boiler Water through Coil	
	115°F	140°F		Rec. Flow Rate	Head Loss
S35TPP	300	230	150,000	6 gpm	7 ft.w.c.
S50TPP	320	250	150,000	6 gpm	7 ft.w.c.
S70TPP	340	270	150,000	6 gpm	7 ft.w.c.
S70DTPP*	475	385	235,000	14 gpm	14 ft.w.c.

Notes:

First hour ratings based on:

- 50°F inlet water temperature
- 200°F boiler water supply to coil
- Outputs may vary depending on boiler size, boiler water supply temperature, flow rates through coil, and circumstances of installation and use.
- For more engineering information, visit our website at www.vaughncorp.com.

* Commercial models have 1" coil tubing



• Industry's First, 2/10 Limited Warranty

Two year labor, ten year full tank replacement including coil.

• Optional Lifetime Limited Warranty

A repair or replacement is provided (excluding labor and freight) if the tank or heat exchanger should leak for as long as the original purchaser owns the home.

• Commercial 5 Year Limited Warranty



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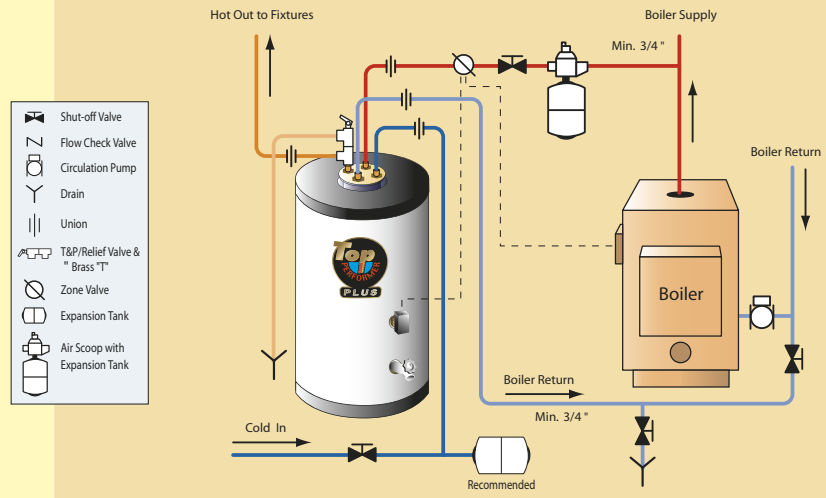
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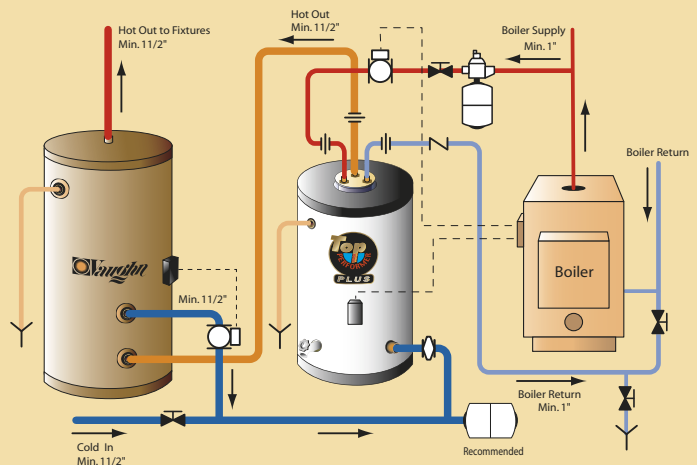
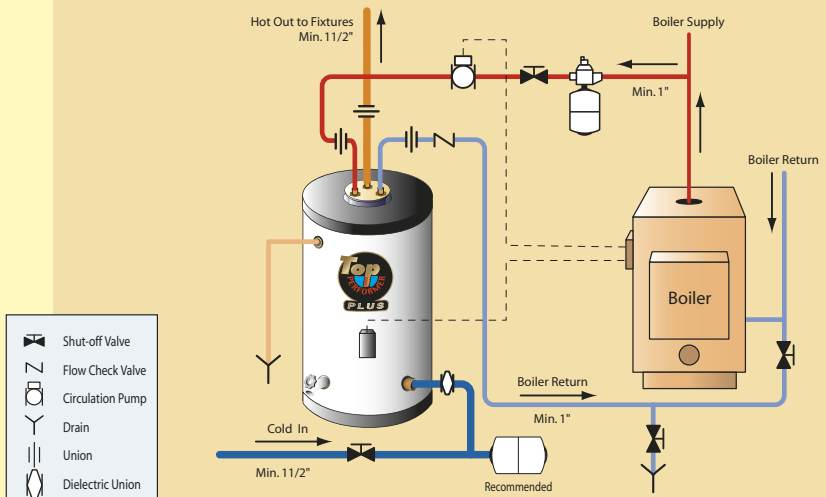
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Installation

Residential



Commercial



Made in New England to the Highest Quality Standards