

Welcome to invisible comfort.

Greentherm 9000 Series

Tankless Gas Water Heaters



Meet the Greentherm 9000 Series.

Make chilly showers, high energy bills,
and complicated installs a distant memory.

This flexible condensing high-efficiency low NOx gas tankless water heater is the first of its kind. It delivers endless hot water on demand, along with a user-friendly connected interface, easy installation, and best of all, peace of mind.



GREENTHERM 9000 FEATURES BY MODEL									
	9900 SERIES			9800 SERIES				9800 SERIES COMMERCIAL	
	INDOOR			9800 SE INDOOR MODEL		OUTDOOR		INDOOR	OUTDOOR
MODEL	T9900i SE 199	T9900 SE 199	T9900 SE 160	T9800 SE 199	T9800 SE 160	T9800 SEO 199	T9800 SEO 160	T9800 SEC 199	T9800 SECO 199
BTU MBH	199	199	160	199	160	199	160	199	199
PART NUMBERS	7736503732	7736503731	7736503730	7736503581	7736503725	7736503727	7736503726	7736503728	7736503729
Top water connection	✓	✓	✓	✓	✓			✓	
Built-in recirculation pump	✓	✓	✓						
Wi-Fi connection	✓	o	o	o	o	o	o	o	o
Concealed built-in controller						✓	✓		✓
Rounded edge aluminum housing	✓	✓	✓	✓	✓	✓	✓	✓	✓
Shatterproof VBL glass front	✓								
Painted aluminum front	Glass	White	White	White	White	Silver	Silver	Silver	Silver
Indoor installation	✓	✓	✓	✓	✓			✓	
Outdoor installation						✓	✓		✓
Active by-pass valve	✓	✓	✓	✓	✓	✓	✓		
Temp 180, Heavy-duty heat exchanger								✓	✓
1/2" Gas line capability	✓	✓	✓	✓	✓	✓	✓	✓	✓
Field convertible, LPG or NG	✓	✓	✓	✓	✓	✓	✓	✓	✓

✓ = Standard, o = Optional

Endless hot water, effortless comfort.

Benefits for homeowners



The Greentherm 9000 Series brings homeowners more than endless hot water. It saves time, money, space, and unnecessary stress.



It's simple.

- ▶ Space-saving, state-of-the-art tankless design
- ▶ Convenient WiFi enabled⁽¹⁾ app and controls
- ▶ User-friendly, multilingual touchscreen interface

Saves energy and money.

- ▶ ENERGY STAR-rated, highly efficient technology
- ▶ Precise temperature control reduces water waste
- ▶ Heats only what's needed, limiting unnecessary energy consumption
- ▶ Integrates with solar energy systems (max. inlet water temp. 85°C/185°F)
- ▶ Significant savings on home energy bills, plus tax benefits

Provides peace of mind.

- ▶ Endless and stable hot water, on demand
- ▶ Integrated freeze protection reduces the risk of unit damage
- ▶ Smart hydraulics for fast heat-up and precision (high modulation range 22:1)
- ▶ Higher temperature stability at the lowest minimum output (0.3 BTU)
- ▶ Increased comfort and durability

(1) WiFi connectivity can be built-in or optional.



Built to make things easy.

Technical specifications



With top connections, a built-in recirculation pump, WiFi⁽²⁾, Optiflow, and a sleek tankless design, the Greentherm 9000 Series is designed for ultimate ease.

GREENTHERM 9000 TECHNICAL INFORMATION				
		160 KBTU (T9800/T9900 SE)	T9800/T9900/T9900i SE	T9800 SEC
Installation	T9800	Indoor/outdoor	Indoor/outdoor	Indoor/ Outdoor
	T9900	Indoor	Indoor	-
NG Min-Max input KBTU (KW)		9-160 kBTU (2,63-46.9 kW)	9-199 kBTU (2,63-58.3 kW)	9-199 kBTU (2,63-58.3 kW)
LPG Min-Max input KBTU (KW)		17-160 kBTU (5-46.9 kW)	17-199 kBTU (5-58.3 kW)	17-199 kBTU (5-58.3 kW)
Energy factor		1.00	0.99	0.99
Dimension (W x H x D)		18 9/16" x 31 1/2" x 9 13/16"	18 9/16" x 31 1/2" x 9 13/16"	189/16" x 311/2" x 913/16"
Temp. range		100-140 °F	100-140 °F	100-180 °F
Temperature stability		+/-2 °F	+/-2 °F	+/-2 °F
Overshoot/undershoot		+4°F /-7.2 °F	+4°F /-7.2 °F	+4°F /-7.2 °F
Min water flow		0.45GPM	0.45GPM	0.45GPM
Min/Max capacity (GPM@45°F ΔT)		0.6/7	0.6/8.7	0.6/8.7
Water/Gas connections		NPT 3/4"	NPT 3/4"	NPT 3/4"
Main voltage		120 VAC 60Hz	120 VAC 60Hz	120 VAC 60Hz
Noise level L _{WA}		<57 dB(A)	<57 dB(A)	<57 dB(A)
Max flue length	Twin pipe	2": 60ft+60ft; 3": 280ft+280ft		
	Concentric pipe	2"/4": 60ft; 3"/5": 280ft		

(2) WiFi connectivity can be built-in or optional.

No tank. No fuss. No worries.

Benefits for professionals

This plug n' play tankless water heater offers integrated, time saving technology without compromising comfort.

Easy to install.

- ▶ Flexible plug n' play design for fast replacement of tank-type heaters
- ▶ Top hydraulic connections and bottom flush ports
- ▶ Indoor and outdoor models with PRV connection and indoor accessory
- ▶ Widest range of venting/flue options for ultimate flexibility (1/2" gas line capability with longer, industry leading max flue lengths, 2" or 3", flexible, PVC, PP)
- ▶ No vent or isolation kit necessary
- ▶ Small design for easier, tidier installation

Easy to manage.

- ▶ Connected, user-friendly, state-of-the-art technology
- ▶ Integrated control for tank loading (by internal/external NTC or Aquastat)
- ▶ Live performance monitoring, real-time remote diagnostics, and troubleshooting with smart hints
- ▶ Setting adjustments and thermostatic function for control over set point limit by 2°F
- ▶ Long-lasting with built-in recirculation pump (Therm 9990 SE) and antifreeze kit

Professional Benefits at a Glance:

- ▶ Easy / Fast / Flexible tank retrofit
- ▶ Gas field convertible
- ▶ Internal time, cost and hassle saving technology
- ▶ Top water connections and bottom flush ports



OptiFlow

Optiflow Technology.

This simple combustion management system uses self-calibrating sensors to automatically configure for flue length, gas type, and altitude—without a gas analyzer.

- ▶ High-efficiency (EF 0.99+)
- ▶ Compact design
- ▶ High modulation range
- ▶ Longer flue length
- ▶ Quick, flexible install
- ▶ Higher safety level
- ▶ Low cost
- ▶ High power density
- ▶ Dynamic CO₂ control
- ▶ Self-adapts to install conditions
- ▶ Segmented burner with 22:1 turn down ratio
- ▶ Blockage sensors
- ▶ No additional sensors needed



Designed for comfort, Inside...

Wi-Fi Connection

With convenient app for controls and management



Primary Copper with Secondary Stainless Steel Heat Exchanger

Maximizes lifetime and
minimizes scale

Recirculation Pump⁽³⁾

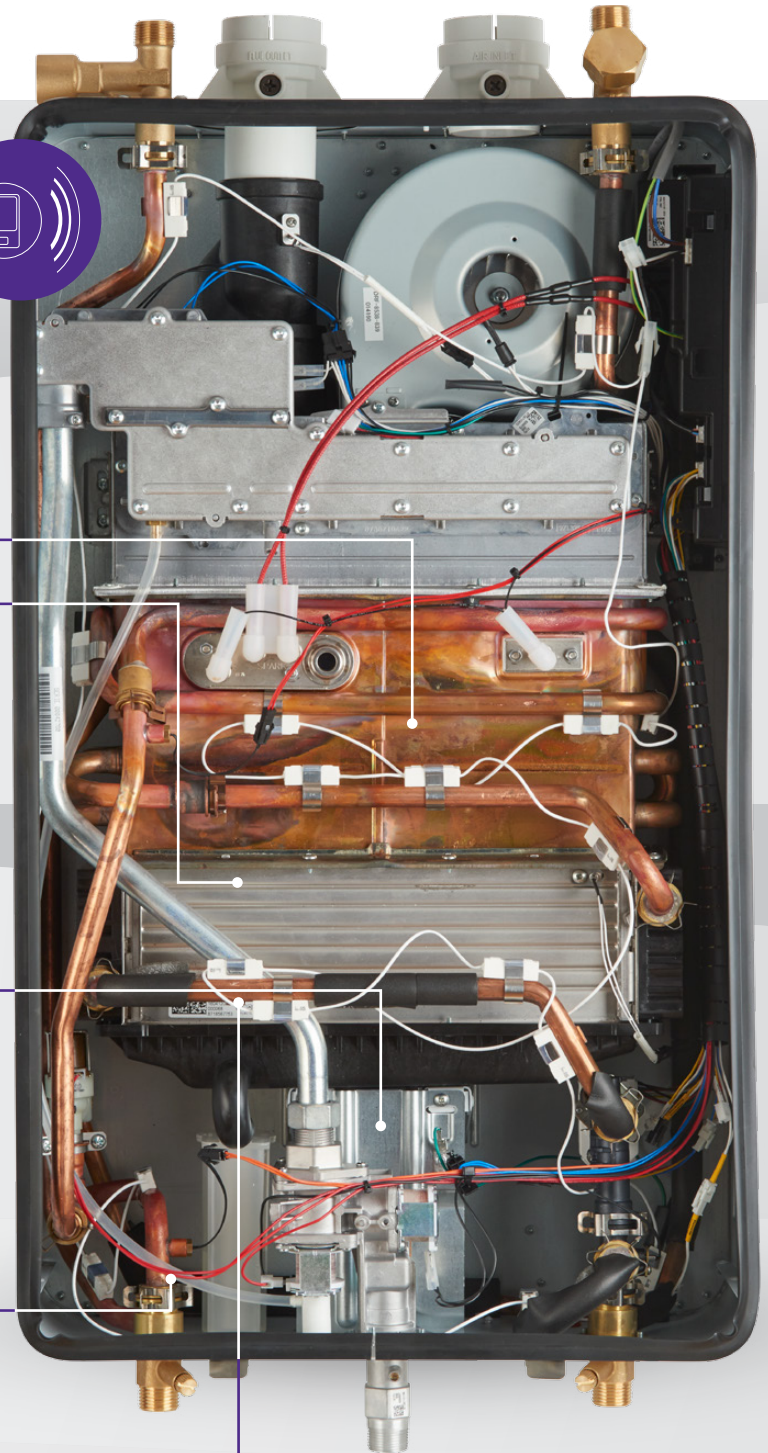
Built-in to save costs and
last longer

Self-Calibrating Sensors

For Optiflow combustion
management

Antifreeze Kit

To prevent frozen pipes



(3) Pump hidden behind metal plate.

(4) Glass cover available only on Greentherm 9000i SE. All other units include painted aluminum cover. All units come equipped with sturdy round-edge aluminum casing as standard.

... And out.

Top Connection

For easy, plug n' play tank system replacement

User-Friendly Controls

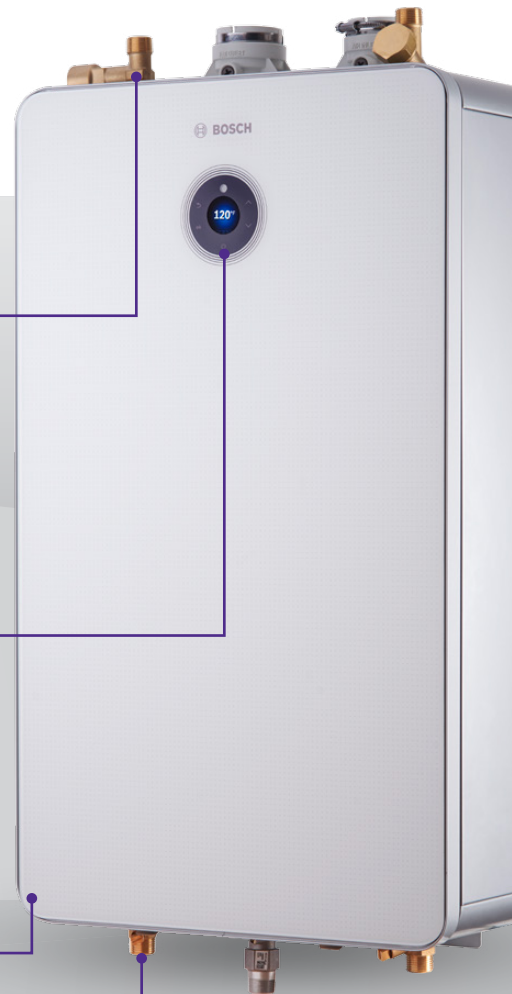
With multilingual color LCD touchscreen and protective mirror

Shatterproof Glass Cover⁽⁴⁾

And sturdy round-edge aluminum casing

Bottom Drain Port

For easy connections



We think comfort is best when it's effortless.



That's why, at Bosch Thermotechnology, we work hard to bring you the highest quality heating and cooling systems, like the Greentherm 9000 Series. We build every one of our products to be reliable and user-friendly, so you can go ahead and forget we're even here. That's invisible comfort – the kind you feel, but never have to think about.



Bosch Thermotechnology Corp.

Londonderry, NH • Fort Lauderdale, FL • Williston, VT

Inquiries and support: 1-800-283-3787

boschheatingandcooling.com

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