

Bosch Whole House & Point-of-Use Electric Tankless & Mini-Tank Water Heaters

Bosch Tronic 5000 C | WH36, **Bosch Tronic 6000 C** | WH27, WH17
Bosch Tronic 3000 C | US12-US3, **Bosch Tronic 3000 T** | ES8, ES4, ES2.5



BOSCH
Invented for life



With compact tankless and mini-tank products from Bosch, there is no limit to where you can have hot water. These hot water heaters are an ideal solution for remote locations and when you need hot water at a dedicated fixture:

- ▶ Garage, apartment, pool house, in-law suites
- ▶ Supplemental hot water for high-flow fixtures
- ▶ Hard to reach locations that need extra hot water
- ▶ Smaller properties and second homes

Bosch Tronic 5000 C | WH36 Bosch Tronic 6000 C | WH27, WH17 Whole House Electric Tankless Water Heaters

Endless Hot Water for One Major Application at a Time

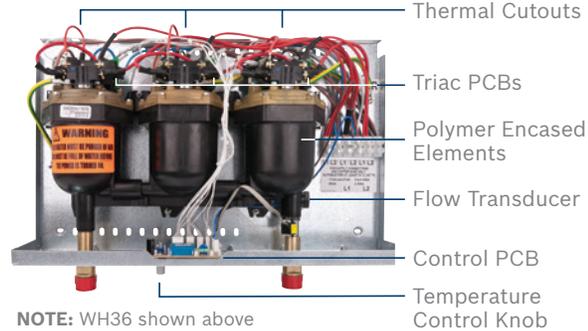
The compact and powerful Tronic Series electric whole house tankless water heaters can be installed virtually anywhere inside the home. They are 97% efficient with no stand-by loss and have modulating elements that ensure a constant output temperature for hot water comfort.



WATER CONNECTIONS:

The water lines both to the inlet & from the outlet must be copper or suitably rated stainless steel flex line for at least 1.5 feet from the water heater. Plastic or PEX type plumbing line materials are not suitable for connecting directly to the water heater.

NOTE: WH27/WH17 unit shown above



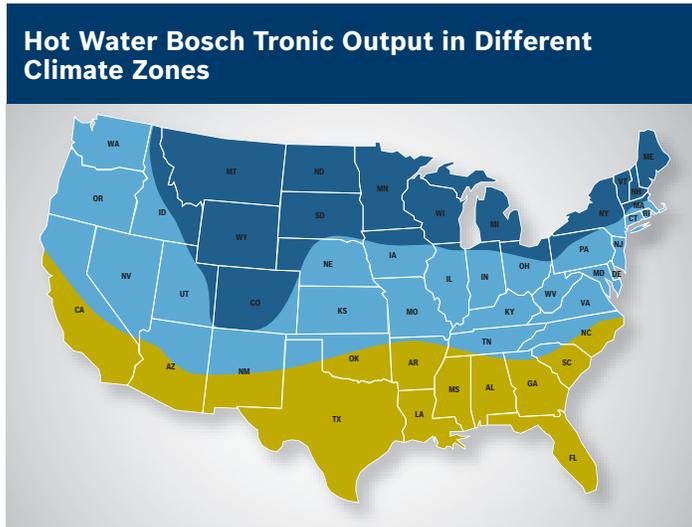
NOTE: WH36 shown above



Features

- ▶ 97% thermal efficiency
- ▶ Compact and lightweight
- ▶ Electronic flow sensor
- ▶ Element modulation provides a constant output temperature
- ▶ Filter screen on inlet
- ▶ New scale prevention technology
- ▶ Improved temperature stability & control
- ▶ 5 year limited warranty[§]

[§] Copies of original warranties in their entirety are available at www.boschheatingandcooling.com



■ WH36 will provide for a 2-3 bathroom home
WH27 will provide for a 1-2 bathroom home
WH17 will provide for a 1 bathroom home

■ WH36 will provide for a 1-2 bathroom home
WH27 will provide for a 1 bathroom home

■ WH36 and WH27 will provide for a 1 bathroom home

Model WH17 is not recommended for whole house use in climates where average ground water temperature is less than 60°F.

Technical Specifications	Tronic 5000 C		Tronic 6000 C	
	WH36		WH27	WH17
Part Numbers	7736500680		7736503051	7736503050
Electrical Requirements				
Voltage (VAC)*	208-240 Nominal		208-240 Nominal	208-240 Nominal
Power (kW)	36.0		26.9	17.3
Required Circuit Breaker Amperage	180 (3 x 60 Amps) [†] 175 (1 x 175 Amps)		120 (3 x 40 Amps) ^{**} 120 (1 x 120 Amps)	80 (2 x 40 Amps) [†] 80 (1 x 80 Amps)
Minimum Wire Size	USA / CANADA** 6 AWG (6 Conductors & Ground) 1/0 AWG		8 AWG (6 Conductors & Ground) 2 AWG (2 Conductors & Ground)	8 AWG (4 Conductors & Ground) 4 AWG (2 Conductors & Ground)
Phase	Single		Single	Single
Maximum Flow Rates Depending on Temperature Rise				
Input (kW)	36.0		26.85	17.25
GPM Output @ Temperature Rise of 75°F	3.3		2.4	1.6
GPM Output @ Temperature Rise of 60°F	4.1		3.0	2.0
GPM Output @ Temperature Rise of 45°F	5.4		3.5	2.3

ELECTRICAL REQUIREMENTS:

* Specs are based on 240 V. Lesser voltage (220 V or 208 V) will result in reduced output.

** In Canada unit must be wired to a single breaker. AE Canada Kit required.

[†] The WH36 requires 180 amp circuit protection through three 60 amp circuit breakers in the U.S. The home MUST have a minimum of 300 amp service.

^{**} The WH27 requires 120 amp circuit protection through three 40 amp circuit breakers in the U.S. The home MUST have a minimum of 200 amp service.

[†] The WH17 requires 80 amps circuit protection through two 40 amp circuit breakers in the U.S. The home MUST have a minimum of 150 amp service.

Example: An inlet water temperature of 55°F and a desired water temperature of 120°F requires a temperature rise of 65°F.

Bosch Tronic 3000 C | US12-US3

Under-Sink Electric Tankless Water Heaters

Endless Hot Water for One Sink at a Time

Compact point-of-use / under-sink tankless water heaters are designed to provide an endless supply of hot water for kitchen and bathroom sinks. These units provide 98% efficiency with minimal stand-by loss and most models are equipped with high/low kW settings.

Note: All Bosch Tronic 3000 models require hard wiring.



Features

- ▶ 98% efficient with minimal stand-by loss
- ▶ Ultra compact and light weight, saving valuable space
- ▶ Copper heat exchanger with copper-sheathed heating elements
- ▶ Units can be mounted horizontally or vertically (except model US12)
- ▶ Model US12 features thermostatic control
- ▶ No temperature / pressure relief valve is necessary (subject to local codes)
- ▶ 5 year limited warranty[§]

[§] Copies of original warranties in their entirety are available at www.boschheatingandcooling.com

Technical Specifications	US12	US9	US7	US6	US3
Part Number	7736500683	7736500687	7736500684	7736500686	7736500685
Thermal Efficiency	98%				
Thermostatic Control	✓	-	-	-	-
Activation Flow Rate, GPM	0.6	0.75	0.75	0.5	0.5
Electrical Requirements					
Voltage (VAC)*	208-240 Nominal	208-240 Nominal	208-240 Nominal	277 Nominal	120 Nominal
Input (High/Low Setting), kW	12	9.5 / 4.75	7.2 / 3.60	6.0 / 3.0	3.4
Minimum Required Circuit Breaker Amperage	50	40	30	25	30
Minimum Wire Size	6 AWG	8 AWG	10 AWG	10 AWG	10 AWG
Maximum Flow Rates Depending on Temperature Rise					
GPM Output @ Temperature Rise of 75°F	1.1	0.9	0.7	0.5	NA
GPM Output @ Temperature Rise of 60°F	1.4	1.1	0.8	0.7	NA
GPM Output @ Temperature Rise of 45°F	1.8	1.4	1.1	0.9	0.5

Example: An inlet water temperature of 55°F and a desired water temperature of 120°F requires a temperature rise of 65°F.

*Specs are based on 240 V. Lesser voltage (220 V or 208 V) will result in reduced output. Values shown are for high / low kW settings.

Bosch Tronic 3000 T | ES8, ES4, ES2.5 Point-of-Use Electric Mini-Tank Water Heaters

Hot Water Where You Need It

The Bosch Tronic 3000 T point-of-use electric mini-tanks are available in three sizes which can be wall-hung (bracket included) or floor-mounted.

Easy installation. Simply tap into the cold water line, provide electrical connection and install the water heater directly at the sink. Can be used alone to provide a small volume of water or installed inline with a central water heater near the point-of-use to eliminate the wait for hot water.



Note: Sold in U.S. Only



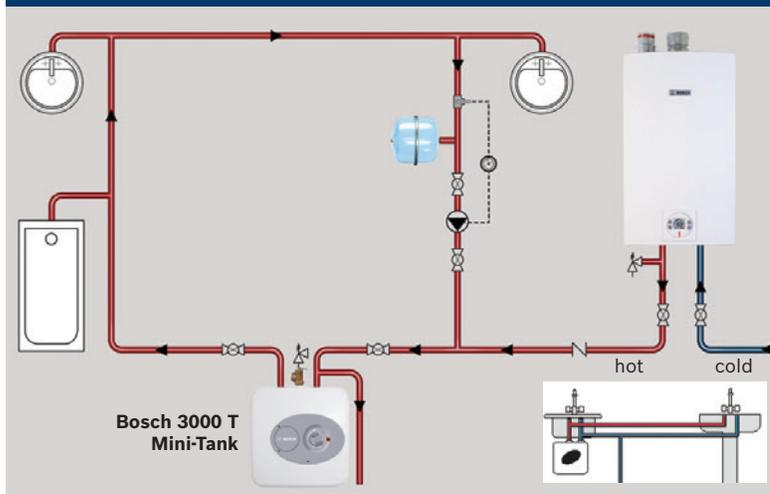
Technical Specifications	ES8	ES4	ES2.5
Part Number	7738004998	7738004997	7738004996
Thermal Efficiency	98%	98%	98%
Tank Volume (gal)	7	4	2.7
Heating Capacity, Watts	1440	1440	1440
Recovery Rate @ 90°F Rise, GPH	6.8	6.8	6.8
Temperature Range (°F)	65 - 145	65 - 145	65 - 145
Max Operating Pressure (psi)	150	150	150
Weight (lbs)	29.5	17.3	15.5
Dimensions (in)	17½ x 17½ x 14½	13¾ x 13¾ x 13½	13¾ x 13¾ x 10¾
Water Fittings	¾" Male NPT	½" Male NPT	½" Male NPT
Relief Valve	Included	Installed	Installed
Electrical Requirements			
Volts (VAC)	120	120	120
Amps	12	12	12
Connection Type	Hard Wired	Plug-In	Plug-In

Features

- ▶ Supplies up to 2 sinks at a time (ES8 model)
- ▶ Provides hot water quickly at point-of-use
- ▶ Compact, lightweight, space saving
- ▶ Thick CFC-free foam insulation maximizes energy efficiency
- ▶ Units can be wall / floor mounted (bracket included) with multi-directional mounting available (ES8 model only)
- ▶ Temperature / pressure relief valve included
- ▶ Glass-lined tank for long service life
- ▶ Models ES2.5 and ES4 have a simple 120 VAC plug-in connection
- ▶ 6 year limited warranty[§]

[§] Copies of original warranties in their entirety are available at www.boschheatingandcooling.com

No more waiting for hot water. Ideal for stand-alone use or recirculation systems.



Relief valve is required; however it is not shown in above photo for clarity.

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