GE40S12BLM

GE® Smart 40 Gallon Short Electric Water Heater

DIMENSIONS AND INSTALLATION INFORMATION (IN INCHES)

LOCAL INSTALLATION REGULATIONS:

This water heater must be installed in accordance with these instructions, local codes, utility codes, utility company requirements or, in the absence of local codes, the latest edition of the National Electrical Code. It is available from some local libraries or can be purchased from the National Fire Preventions Association, Batterymarch park, Quincy, MA 02169 as booklet ANSI/NFPA 70.

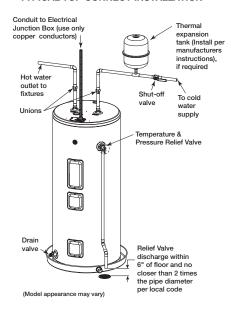
INSTALLATION INFORMATION: For complete information, see installation instruction packed with your water heater.

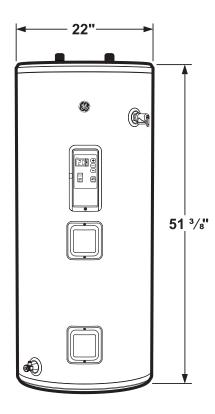
POWER REQUIREMENTS: Check the markings on the rating plate of the water heater to be certain the power supply corresponds to the water heater requirements.

LOCATION: Locate the water heater in a clean dry area as near as practical to the area of the greatest heated water demand. Long uninsulated hot water lines can waste energy and water.

REQUIRED CLEARANCES: There must be sufficient clearance between any object and the top, rear and sides of the water heater in the event service is needed. The controls and drain at front of unit must have clear access for operation and service. Installations that require minimal clearance on the sides or rear of the water heater for earthquake straps are also acceptable. In these cases, additional clearance should be provided on the opposite side of the unit to allow for service access

TYPICAL TOP CONNECT INSTALLATION





Above illustration intended for dimensional reference only. Refer to photograph for actual product appearance



See http://info.nsf.org/Certified/Lead_Content/ for specific model listing



GE40S12BLM

GE® Smart 40 Gallon Short Electric Water Heater

FEATURES AND BENEFITS

Real Capacity – Get the most hot showers from the only water heater that holds a true 40 gallons of water (Compared to 40 gallon electric steel tank water heaters per DOE rated gallon capacity).

Built-In WiFi – Easily adjust temperatures, set vacation mode schedules and receive notifications with Built-in WiFi powered by SmartHQ.

High First Hour Delivery – Live comfortably with this best in class unit that delivers 65 gallons of hot water in the first hour (Measured through DOE First Hour Rating).

Quick Recovery – Two 5500W heating elements quickly increase water temperature for hot water when you need it.

Household Size – Provide hot water for the whole family of 2 to 4 persons.

Anode Sensing – Notifies you when your anode rod needs replacing to help extend the life of your tank.

Stainless Steel Heating Elements – Ultra-durable stainless-steel heating elements resist rust and corrosion.

Inlet Tube – Replenishes water from the bottom of the tank to maximize hot water delivery.

Brass Drain Valve – Rust-proof construction can be counted on to provide long-lasting service.

Digital Display - Make easy, accurate adjustments at the touch of a button.

Warranty - 12-year limited Parts Warranty*.

Model GE40S12BLM - Diamond Gray





GE40S12BLM

Rated capacity (gallons) Nominal capacity 40 Product application FEATURES Family size* Control type Operating modes Temperature setting Temperature setting factory default Drain valve type Brass Wi-Fi Connect Diagnostic feedback Overheat protection WEIGHTS & DIMENSIONS Approximate shipping weight (lbs.) Tank dimensions (diameter x height) (in.) Connection sizes—hot water outlet (MNPT) POWER/RATINGS** Electrical circuit direct wired Heating element (watts) Diagnostic (FHR) (gallons) Coperating water pressure WEIGHTS & DIMENSIONS Approximate shipping weight (lbs.) Diagnostic feedback Yes Overheat protection Yes WEIGHTS & DIMENSIONS Approximate shipping weight (lbs.) 133 Height to water connection (in.) 52-7/8 Tank dimensions (diameter x height) (in.) 22 x 51-3/8 Connection sizes—hot water intlet (MNPT) 3/4" POWER/RATINGS** Electrical circuit direct wired Built-In with app Yes Built-In with app Yes Diagnostic feedback Yes Overheat protection Yes WEIGHTS & DIMENSIONS Approximate shipping weight (lbs.) 133 Height to water connection (in.) 52-7/8 Tank dimensions (diameter x height) (in.) 22 x 51-3/8 Connection sizes—hot water outlet (MNPT) 3/4" POWER/RATINGS** Electrical circuit direct wired Built-In with app Yes Diagnostic feedback Yes Overheat protection Yes WEIGHTS & DIMENSIONS Approximate shipping weight (lbs.) 133 Height to water connection (in.) 52-7/8 Tank dimensions (diameter x height) (in.) 22 x 51-3/8 Connection sizes—hot water intlet (MNPT) 3/4" POWER/ATINGS** Electrical circuit direct wired Cannection sizes—hot water intlet (MNPT) 5,500 Diagnostic feedback Connection sizes—hot water intlet (MNPT) 6 yes Connection sizes—hot water intlet (MNPT) 3/4" POWER/ATINGS** Electronic with digplan of the protection of the		
FEATURES Family size* Control type Control type Coperating modes Temperature setting Temperature setting factory default Drain valve type Brass Wi-Fi Connect Diagnostic feedback Overheat protection WEIGHTS & DIMENSIONS Approximate shipping weight (Ibs.) Tank dimensions (diameter x height) (in.) Connection sizes—hot water outlet (MNPT) POWER/RATINGS** Electrical circuit direct wired Heating elements Heating element (watts) Energy factor Departing weigh (Igallons) Residential Electronic with digital display and app 100-140° F 120° F Built-In with app 8 will-In with app 9 yes 120° F 120° F Built-In with app 9 yes 133 Weight 18 py ses 133 Height to water connection 134 135 Connection sizes—hot water outlet (MNPT) 22 x 51-3/8 Connection sizes—hot water intlet (MNPT) 3/4" POWER/RATINGS** Electrical circuit direct wired Heating elements Stainless steel Heating element (watts) 5,500 Upper element (watts) 5,500 Energy factor 0.92 First Hour Rating (FHR) (gallons) Operating water pressure	Rated capacity (gallons)	40
FEATURES Family size* Control type Control type Operating modes Temperature setting Temperature setting factory default Drain valve type Brass Wi-Fi Connect Diagnostic feedback Overheat protection WEIGHTS & DIMENSIONS Approximate shipping weight (Ibs.) Tank dimensions (diameter x height) (in.) Connection sizes—hot water outlet (MNPT) POWER/RATINGS** Electrical circuit direct wired Heating element density Lower element (watts) Energy factor Operating water pressure 20-125 PSI Electrical circuit direct pressure Control type Electronic with digital display and app 100-140° F 120° F Brass Built-In with app 8 Built-In with app 9 Yes Diagnostic feedback Yes Ves Overheat protection Yes WEIGHTS & DIMENSIONS Approximate shipping weight (Ibs.) 133 Height to water connection (in.) 52-7/8 Tank dimensions (diameter x height) (in.) 22 x 51-3/8 Connection sizes—hot water outlet (MNPT) 3/4" POWER/RATINGS** Electrical circuit direct wired Heating elements Stainless steel Heating element (watts) 5,500 Upper element (watts) 5,500 Energy factor 0.92 First Hour Rating (FHR) (gallons) Operating water pressure	Nominal capacity	40
Family size* Control type Control type Control type Control type Control type Control type Coperating modes Normal/Vacation Temperature setting Temperature setting Temperature setting factory default 120° F Temperature setting factory default 120° F Drain valve type Brass Wi-Fi Connect Built-In with app Sensing anode rod Yes Diagnostic feedback Ves Overheat protection Yes WEIGHTS & DIMENSIONS Approximate shipping weight (Ibs.) Tank dimensions (diameter x height) (in.) Connection sizes—hot water outlet (MNPT) Connection sizes—hot water intlet (MNPT) POWER/RATINGS** Electrical circuit direct wired Heating element Heating element density Low density Low density Lower element (watts) 5,500 Energy factor Operating water pressure 20-125 PSI	Product application	Residential
Control type Control type Control type Control type Control type Control type Coperating modes Normal/Vacation Temperature setting Temperature setting Temperature setting factory default 120° F Temperature setting factory default Drain valve type Brass Wi-Fi Connect Built-In with app Sensing anode rod Yes Diagnostic feedback Yes Overheat protection Yes WEIGHTS & DIMENSIONS Approximate shipping weight (lbs.) Tank dimensions (diameter x height) (in.) Connection sizes—hot water outlet (MNPT) Connection sizes—hot water intlet (MNPT) POWER/RATINGS** Electrical circuit direct wired Heating element Heating element density Low density Lower element (watts) Energy factor Operating water pressure 20-125 PSI	FEATURES	
Operating modes Operating modes Normal/Vacation Temperature setting Temperature setting factory default Drain valve type Brass Wi-Fi Connect Built-In with app Sensing anode rod Overheat protection WEIGHTS & DIMENSIONS Approximate shipping weight (lbs.) Tank dimensions (diameter x height) (in.) Connection sizes—hot water outlet (MNPT) POWER/RATINGS** Electrical circuit direct wired Heating element density Lower element (watts) Energy factor Operating water pressure display and app Normal/Vacation 100-140° F 100-140° F	Family size*	2-4
Temperature setting 100-140° F Temperature setting factory default 120° F Drain valve type Brass Wi-Fi Connect Built-In with app Sensing anode rod Yes Diagnostic feedback Yes Overheat protection Yes WEIGHTS & DIMENSIONS Approximate shipping weight (lbs.) 133 Height to water connection (in.) 52-7/8 Tank dimensions (diameter x height) (in.) 22 x 51-3/8 Connection sizes—hot water outlet (MNPT) 3/4" POWER/RATINGS** Electrical circuit direct wired 240V/60Hz/30A min. dedicated Heating element water density Low density Lower element (watts) 5,500 Upper element (watts) 5,500 Energy factor 0.92 First Hour Rating (FHR) (gallons) 65 Operating water pressure 20-125 PSI	Control type	
Temperature setting factory default Drain valve type Brass Wi-Fi Connect Built-In with app Sensing anode rod Yes Overheat protection WEIGHTS & DIMENSIONS Approximate shipping weight (lbs.) Tank dimensions (diameter x height) (in.) Connection sizes—hot water outlet (MNPT) Connection sizes—hot water intlet (MNPT) POWER/RATINGS** Electrical circuit direct wired Heating element density Low density Low density Lower element (watts) Energy factor Operating water pressure 20-125 PSI	Operating modes	Normal/Vacation
Drain valve type Brass Wi-Fi Connect Built-In with app Sensing anode rod Yes Diagnostic feedback Overheat protection Yes WEIGHTS & DIMENSIONS Approximate shipping weight (lbs.) Height to water connection (in.) 52-7/8 Tank dimensions (diameter x height) (in.) Connection sizes—hot water outlet (MNPT) Connection sizes—hot water intlet (MNPT) POWER/RATINGS** Electrical circuit direct wired Heating elements Heating element density Low density Lower element (watts) 5,500 Upper element (watts) Energy factor Operating water pressure Possible Multiple Stainless Stainles	Temperature setting	100-140° F
Wi-Fi Connect Sensing anode rod Yes Diagnostic feedback Overheat protection Yes WEIGHTS & DIMENSIONS Approximate shipping weight (lbs.) Height to water connection (in.) Tank dimensions (diameter x height) (in.) Connection sizes—hot water outlet (MNPT) Connection sizes—hot water intlet (MNPT) POWER/RATINGS** Electrical circuit direct wired Heating element Heating element density Low density Low density Lower element (watts) Energy factor Operating water pressure Built-In with app Yes Built-In with app Yes Built-In with app Yes A ves Yes Yes 133 133 Height to water onection (in.) 52-7/8 22 x 51-3/8 22 x 51-3/8 22 x 51-3/8 24 very A very Low density Low density Low density Low density Low density Lower element (watts) 5,500 Energy factor O.92 First Hour Rating (FHR) (gallons) 65 Operating water pressure	Temperature setting factory default	120° F
Sensing anode rod Diagnostic feedback Overheat protection Yes WEIGHTS & DIMENSIONS Approximate shipping weight (lbs.) Tank dimensions (diameter x height) (in.) Connection sizes—hot water outlet (MNPT) Connection sizes—hot water intlet (MNPT) POWER/RATINGS** Electrical circuit direct wired Heating elements Stainless steel Heating element (watts) Low density Lower element (watts) Energy factor Operating water pressure Pess Yes Yes Yes Yes Yes Yes Y	Drain valve type	Brass
Diagnostic feedback Overheat protection Yes WEIGHTS & DIMENSIONS Approximate shipping weight (lbs.) Height to water connection (in.) Tank dimensions (diameter x height) (in.) Connection sizes—hot water outlet (MNPT) Connection sizes—hot water intlet (MNPT) POWER/RATINGS** Electrical circuit direct wired Heating elements Stainless steel Heating element density Low density Lower element (watts) Energy factor Operating water pressure Over 133 Yes 133 133 147 22 x 51-3/8 240V/60Hz/30A Min. dedicated Low density Low density Low density 5,500 Energy factor O.92 First Hour Rating (FHR) (gallons) Operating water pressure	Wi-Fi Connect	Built-In with app
Overheat protection WEIGHTS & DIMENSIONS Approximate shipping weight (lbs.) Height to water connection (in.) Tank dimensions (diameter x height) (in.) Connection sizes—hot water outlet (MNPT) Connection sizes—hot water intlet (MNPT) POWER/RATINGS** Electrical circuit direct wired Heating elements Heating element density Low density Lower element (watts) Energy factor Operating water pressure Yes Yes Yes Yes Yes Loza 133 22 x 51-3/8 22 x 51-3/8 240V/60Hz/30A min. dedicated Low density Low density Low density 5,500 Energy factor O.92 First Hour Rating (FHR) (gallons) Operating water pressure	Sensing anode rod	Yes
WEIGHTS & DIMENSIONS Approximate shipping weight (lbs.) Height to water connection (in.) Tank dimensions (diameter x height) (in.) Connection sizes—hot water outlet (MNPT) Connection sizes—hot water intlet (MNPT) POWER/RATINGS** Electrical circuit direct wired Heating elements Stainless steel Heating element density Low density Lower element (watts) Upper element (watts) Energy factor First Hour Rating (FHR) (gallons) Operating water pressure	Diagnostic feedback	Yes
Approximate shipping weight (lbs.) Height to water connection (in.) 52-7/8 Tank dimensions (diameter x height) (in.) Connection sizes—hot water outlet (MNPT) Connection sizes—hot water intlet (MNPT) POWER/RATINGS** Electrical circuit direct wired Heating elements Heating element density Low density Low density Lower element (watts) 5,500 Upper element (watts) Energy factor Operating water pressure	Overheat protection	Yes
Height to water connection (in.) Tank dimensions (diameter x height) (in.) Connection sizes—hot water outlet (MNPT) Connection sizes—hot water intlet (MNPT) POWER/RATINGS** Electrical circuit direct wired Heating elements Stainless steel Heating element density Low density Lower element (watts) Upper element (watts) Energy factor Operating water pressure 52-7/8 22 x 51-3/8 240 / 60 / 60 / 60 / 60 / 60 / 60 / 60 /	WEIGHTS & DIMENSIONS	
Tank dimensions (diameter x height) (in.) Connection sizes—hot water outlet (MNPT) Connection sizes—hot water intlet (MNPT) POWER/RATINGS** Electrical circuit direct wired Heating elements Heating element density Low density Lower element (watts) Upper element (watts) Energy factor Operating water pressure 22 x 51-3/8 240 y 60 Hz/30 A min. dedicated Low density Low density 5,500 0.92 First Hour Rating (FHR) (gallons) 65 Operating water pressure	Approximate shipping weight (lbs.)	133
Connection sizes—hot water outlet (MNPT) Connection sizes—hot water intlet (MNPT) POWER/RATINGS** Electrical circuit direct wired Heating elements Stainless steel Heating element density Low density Lower element (watts) Upper element (watts) Energy factor First Hour Rating (FHR) (gallons) Operating water pressure 3/4" 240V/60Hz/30A min. dedicated Low density Low density 5,500 0.92 First Hour Rating (FHR) (gallons) 65	Height to water connection (in.)	52-7/8
Connection sizes—hot water intlet (MNPT) POWER/RATINGS** Electrical circuit direct wired Heating elements Heating element density Low density Lower element (watts) Upper element (watts) Energy factor First Hour Rating (FHR) (gallons) Operating water pressure 3/4" 240V/60Hz/30A min. dedicated Low density Low density 5,500 0.92 First Hour Rating (FHR) (gallons) 65	Tank dimensions (diameter x height) (in.)	22 x 51-3/8
POWER/RATINGS** Electrical circuit direct wired 240V/60Hz/30A min. dedicated Heating elements Stainless steel Heating element density Low density Lower element (watts) 5,500 Upper element (watts) 5,500 Energy factor 0.92 First Hour Rating (FHR) (gallons) 65 Operating water pressure 20-125 PSI	Connection sizes—hot water outlet (MNPT)	3/4"
Electrical circuit direct wired 240V/60Hz/30A min. dedicated Heating elements Stainless steel Heating element density Low density Lower element (watts) 5,500 Upper element (watts) 5,500 Energy factor 0.92 First Hour Rating (FHR) (gallons) Operating water pressure	Connection sizes—hot water intlet (MNPT)	3/4"
Heating elements Stainless steel	POWER/RATINGS**	
Heating element density Low density Lower element (watts) Upper element (watts) 5,500 Energy factor 0.92 First Hour Rating (FHR) (gallons) Operating water pressure 20-125 PSI	Electrical circuit direct wired	
Lower element (watts) 5,500 Upper element (watts) 5,500 Energy factor 0.92 First Hour Rating (FHR) (gallons) 65 Operating water pressure 20-125 PSI	Heating elements	Stainless steel
Upper element (watts) 5,500 Energy factor 0.92 First Hour Rating (FHR) (gallons) 65 Operating water pressure 20-125 PSI	Heating element density	Low density
Energy factor 0.92 First Hour Rating (FHR) (gallons) 65 Operating water pressure 20-125 PSI	Lower element (watts)	5,500
First Hour Rating (FHR) (gallons) 65 Operating water pressure 20-125 PSI	Upper element (watts)	5,500
Operating water pressure 20-125 PSI	Energy factor	0.92
	First Hour Rating (FHR) (gallons)	65
WARRANTY	Operating water pressure	20-125 PSI
	WARRANTY	
Parts warranty 12 years	Parts warranty	12 years

^{*} Household sizing based on back-to-back showers, 8 minutes long.

^{*}See written warranty for full details