Giant®

COMMERCIAL WATER HEATERS
ELECTRIC

Illustrated model : 112

These commercial water heaters are perfect for most commercial and industrial applications.

Light Duty (2 elements) and Medium Duty (4 elements)

FLEXIBLE MODELS

105 | 108 | 112

40 Imp. gal. (184 litres) / 61 Imp. gal. (279 litres) / 99 Imp. gal. (450 litres)
208V(1ph) / 240V(1ph) / 480V(1ph)
3 to 12 kW

COMMERCIAL DESIGN
Manufactured with thicker special steel, works so as to feed the elements or a bank of elements alternately and not simultaneously.

INSULATION
All models are insulated with a thick layer of foam insulation reducing heat loss and energy costs. These models meet or exceed the Energy Efficiency requirements of NRCan.

TWO (2) HIGH QUALITY MAGNESIUM ANODES
Oversized, they provide superior protection against the corrosive effects of water and extend the life of the tank.

GLASS-LINED INNER TANK
A uniquely formulated blue cobalt glass enriched with zircon is fused to specially treated steel at 1,600°F (871°C) to provide the best coating available against corrosion for many years. The tank is certified at a test pressure of 300 PSI (2,068 kPa) and a working pressure of 150 PSI (1,035 kPa).

1-1/2" NPT DI-ELECTRIC NIPPLES
1-1/2" hot and cold water connections on all models.

CONVERTIBLES
Increased ease of voltage and power conversion on site. Can be easily transferred to 208V/1ph, 240V/1ph or 480V/1ph. Can also be converted to 3, 4.5, 5 and 6*kW (2 elements), 6, 9, 10 and 12*kW (4 elements).
*Exception 208V/1ph

CONVERSION KIT
Allows multiple different configurations.

SUPPLIED TEMPERATURE & PRESSURE RELIEF VALVE
Protects the tank from damaging effects of excessive temperature and pressure. Factory installed on 112 models.

EASY SERVICE ACCESS TO COMPONENTS
Equipped with two hinged doors.

BRASS DRAIN VALVE

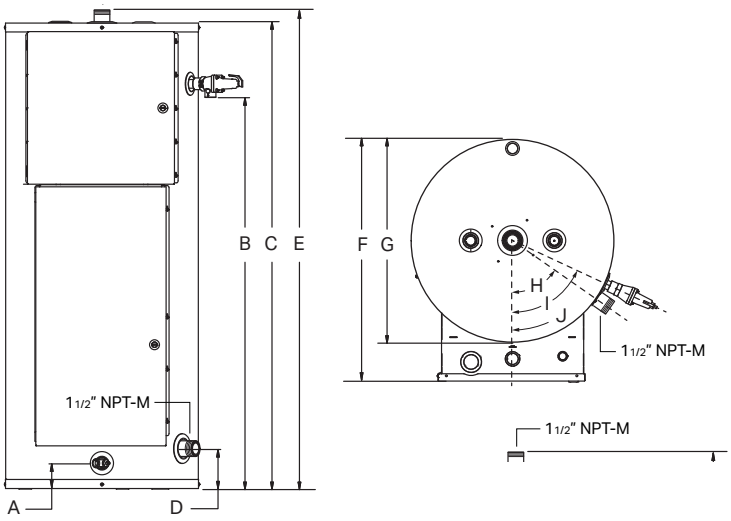
SURFACE MOUNT THERMOSTAT AT 180°F*
*Except 105 models at 160°F

CSA CERTIFIED IMMERSION HEATING ELEMENTS

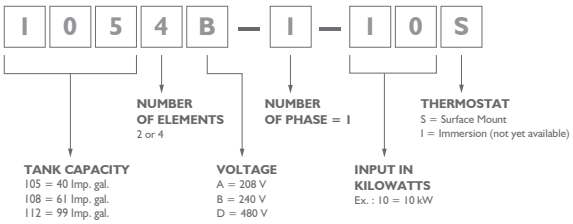
PATENTED TWIST-LOCK FLANGE
Makes it easy to change the elements.

C US LOW LEAD CONTENT

AHRI MEMBER



MODEL NUMBER STRUCTURE



SPECIFICATIONS

Total input (kW)	Number of Elements	Element input	Voltage (1 phase)		
			208 Volts	240 Volts	480 Volts
3	2	3	14.4	12.5	6.3
4.5	2	4.5	21.6	18.8	9.4
5	2	5	24.0	20.8	10.4
6	2	6	–	25.0	12.5
6	4	3	28.8	25.0	12.5
9	4	4.5	43.3	37.5	18.8
10	4	5	48.1	41.7	20.8
12	4	6	–	50.0	25.0

DIMENSIONS

Models	Storage Capacity			A		B		C		D		E		F		G		H	I	J	Shipping weight	
	IMP gal.	Liters	US gal.	inches	(cm)	inches	(cm)	inches	(cm)	inches	(cm)	inches	(cm)	inches	(cm)	inches	(cm)				lb	(kg)
105	40	184	49	3 1/8	(7.9)	40 3/16	(102.1)	49 1/8	(124.8)	4 7/8	(12.4)	50 3/4	(129)	26 1/4	(66.7)	22	(55.9)	55.1°	65.4°	–	230	(104)
108	61	279	74	3 1/8	(7.9)	51 3/8	(130.5)	59 5/8	(151.4)	4 7/8	(12.4)	60 7/8	(154.6)	28 1/4	(71.8)	24	(61)	49.5°	58.9°	–	285	(129)
112	99	450	119	4 1/8	(10.5)	56 5/8	(143.8)	67 3/8	(171.1)	6 1/8	(15.6)	69 1/4	(175.9)	32 5/8	(82.9)	28 1/4	(71.8)	50.0°	50.0°	143.4°	435	(197)

Toxic chemicals, such as those used for boiler treatment, must NEVER be introduced into this system.
This unit must NEVER be connected to any existing heating system or component(s) previously used with a non-potable water heating appliance.

WARRANTY

3 years against inner tank leakage

1 year on component parts

Giant offers a THREE (3) year limited warranty on commercial electric water heaters against inner tank leakage from the date of installation. ONE (1) year limited warranty on component parts. For more specific warranty details including exceptions, consult the owner's manual that comes with each water heater.

Giant®

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