

Heavy Duty (3, 6 or 9 elements) including 600V



Illustrated model : 112

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

FLEXIBLE MODELS

105 | 108 | 112

**40 Imp. gal. (184 litres) / 61 Imp. gal. (279 litres) /
99 Imp. gal. (450 litres)**
**208V(1 or 3ph) / 240V(1 or 3ph) / 480V(1 or 3ph) /
600V(3ph)**
6 to 63 kW

COMMERCIAL DESIGN

Manufactured with thicker special steel, works so as to feed all the elements simultaneously.

INSULATION

All models are insulated with a thick layer of insulation reducing heat loss and energy costs. These models meet or exceed the Energy Efficiency requirements of NRCan and ASHRAE 90.1 standard.

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, phase and power conversion on site. Can be easily transferred to 208V(1 or 3ph), 240V(1 or 3ph) or 480V(1 or 3ph). They can all be converted to 6, 9, 12, 13.5, 15 and 18*kW (3 elements), 18, 24, 27, 30 and 36*kW (6 elements) and 36, 40.5, 45, 54* and 63**kW (9 elements).

*Exception 208V (1 and 3ph)

**Available only for 112 / 600V model

CONVERSION KIT

Allows multiple different configurations.

SUPPLIED TEMPERATURE & PRESSURE RELIEF VALVE

Protects the tank against the damaging effects that can be caused by excess temperature or pressure. Factory installed on 112 models, excluding 63kW / 600V model.

EASY SERVICE ACCESS TO COMPONENTS

Equipped with two hinged doors.

BRASS DRAIN VALVE

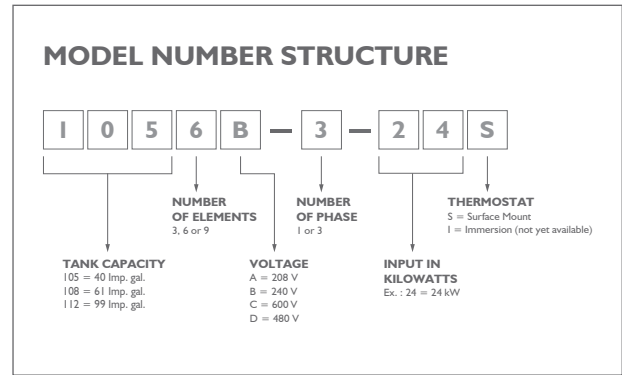
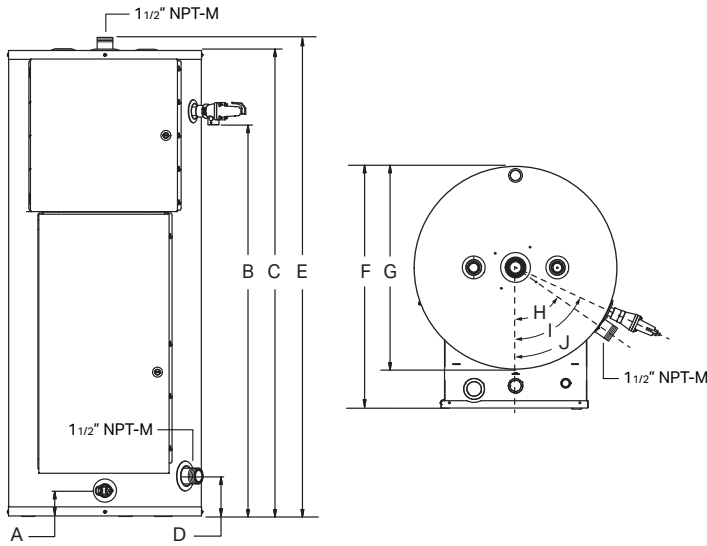
SURFACE MOUNT THERMOSTAT AT 160°F

CSA CERTIFIED IMMERSION HEATING ELEMENTS

PATENTED TWIST-LOCK FLANGE

Specially welded feature makes it easy to change the elements.





SPECIFICATIONS

Total input (kW)	Number of Element	Element input	Voltage						
			208 Volts		240 Volts		480 Volts		600 Volts
			1 phase	3 phases	1 phase	3 phases	1 phase	3 phases	3 phases
6	3	2	28.8	16.7	25.0	14.5	12.5	7.2	5.8
9	3	3	43.3	25.0	37.5	21.7	18.8	10.8	8.7
12	3	4	57.7	33.3	50.0	28.9	25.0	14.4	11.5
13.5	3	4.5	64.9	37.5	56.3	32.5	28.1	16.2	13.0
15	3	5	72.1	41.6	62.5	36.1	31.3	18.0	14.4
18	3	6	-	-	75.0	43.3	37.5	21.7	17.3
18	6	3	86.5	50.0	75.0	43.3	37.5	21.7	17.3
24	6	4	115.4	66.6	100.0	57.7	50.0	28.9	23.1
27	6	4.5	129.8	74.9	112.5	65.0	56.3	32.5	26.0
30	6	5	144.2	83.3	125.0	72.2	62.5	36.1	28.9
36	6	6	-	-	150.0	86.6	75.0	43.3	34.6
36	9	4	173.1	99.9	150.0	86.6	75.0	43.3	34.6
40.5	9	4.5	194.7	112.4	168.8	97.4	84.4	48.7	39.0
45	9	5	216.3	124.9	187.5	108.3	93.8	54.1	43.3
54	9	6	-	-	255.0	129.9	112.5	65.0	52.0
63	9	7	-	-	-	-	-	-	60.6*

DIMENSIONS

Models	Storage Capacity			A		B		C		D		E		F		G		H	I	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	5 1/8	(13)	58	(147.3)	69	(175.3)	7 1/8	(18.1)	70 1/8	(178.1)	33/4	(85.7)	29 1/2	(74.9)	50.0°	50.0°	460	(209)

*Model 112 (99 imperial gallons) only.
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®

11021, Notre-Dame Street East, Montreal-East, Quebec, Canada, H1B 5H3
Telephone : 514-645-8893 • Toll free : 1-800-363-9354
General fax : 514-640-0969
Customer Service fax : 514-645-8413

giantinc.com