



LIGHT DUTY COMMERCIAL ELECTRIC REPLACEMENT PARTS LIST

Light Duty Energy Saver Upright Models Light Duty Energy Saver Lowboy Models



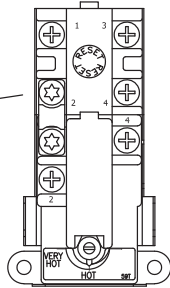
***Effective: November, 2018
ECO 8228***

**NOTE: BOTH MODEL AND SERIAL
NUMBERS ARE REQUIRED FOR
ORDERING REPLACEMENT PARTS**

Dimensions and specifications
subject to change without notice.

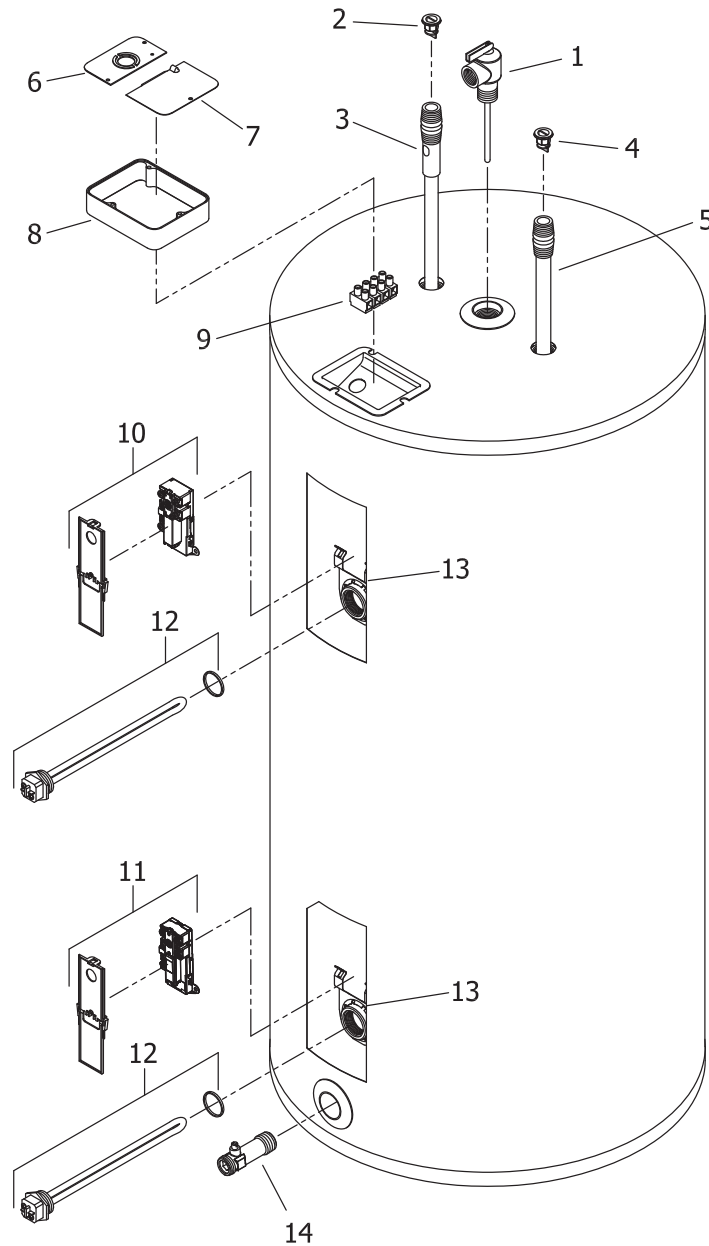
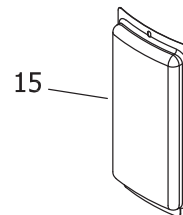
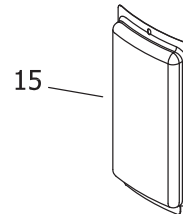
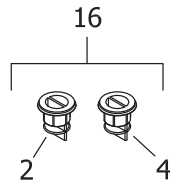
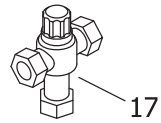
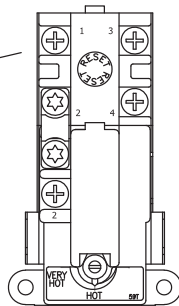
- TOP LOCATION**
- Double element water heater.

59T66T



- BOTTOM LOCATION**
- Single element water heater.
 - Double element water heater.

59T66T



Item	Description	Model LE230S	Model LE240S	Model LE250S
1	T&P Relief Valve	230-32920-01	230-32920-01	230-32920-01
2	Heat Trap Insert (Outlet)	239-45167-00	239-45167-00	239-45167-00
3	Hot Water Outlet Anode Magnesium ♦#	224-47776-19	224-47776-19	224-47776-19
	Aluminum ♦#	224-32999-28	224-32999-28	224-32999-28
	A420 (Aluminum) ♦#	224-49560-08	224-49560-08	224-49560-08
4	Heat Trap Insert (Inlet)	239-51556-00	239-51556-00	239-51556-00
5	Cold Water Inlet Tube Pex ♦♦	229-51230-21	229-51230-21	229-51230-21
6	Cover Conduit/Ground	243-39451-00	243-39451-00	243-39451-00
7	Cover Junction box	243-39452-00	243-39452-00	243-39452-00
8	Junction Box Extender	239-40587-00	239-40587-00	239-40587-00
9	Terminal Block (4 pole)	239-47294-00	239-47294-00	239-47294-00
10	Upper Thermostat with High Limit (59T66T) & Protector ▲	415-53389-00	415-53389-00	415-53389-00
11	Lower Thermostat with High Limit (59T66T) & Protector ▲	415-53388-00	415-53388-00	415-53388-00
12	Heating Element 240V 4500W with gasket*	265-48642-00	265-48642-00	265-48642-00
13	Thermostat Mounting Bracket	239-50689-00	239-50689-00	239-50689-00
14	Brass Drain Valve	265-42351-02	265-42351-02	265-42351-02
15	Access Cover	243-36618-02	243-36618-02	243-36618-02
16	Kit-Heat Trap Insert	265-51572-00	265-51572-00	265-51572-00
17	ASSE Approved Mixing Valve	239-51778-00	239-51778-00	239-51778-00

♦ Order with item 2.

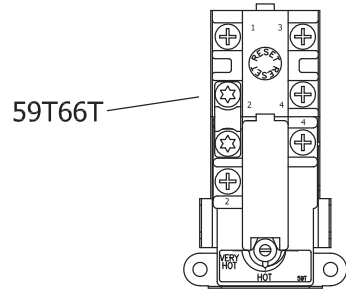
♦♦ Order with item 4.

▲ Thermostat protector and mounting bracket (Item #13) provided in kit with thermostat.

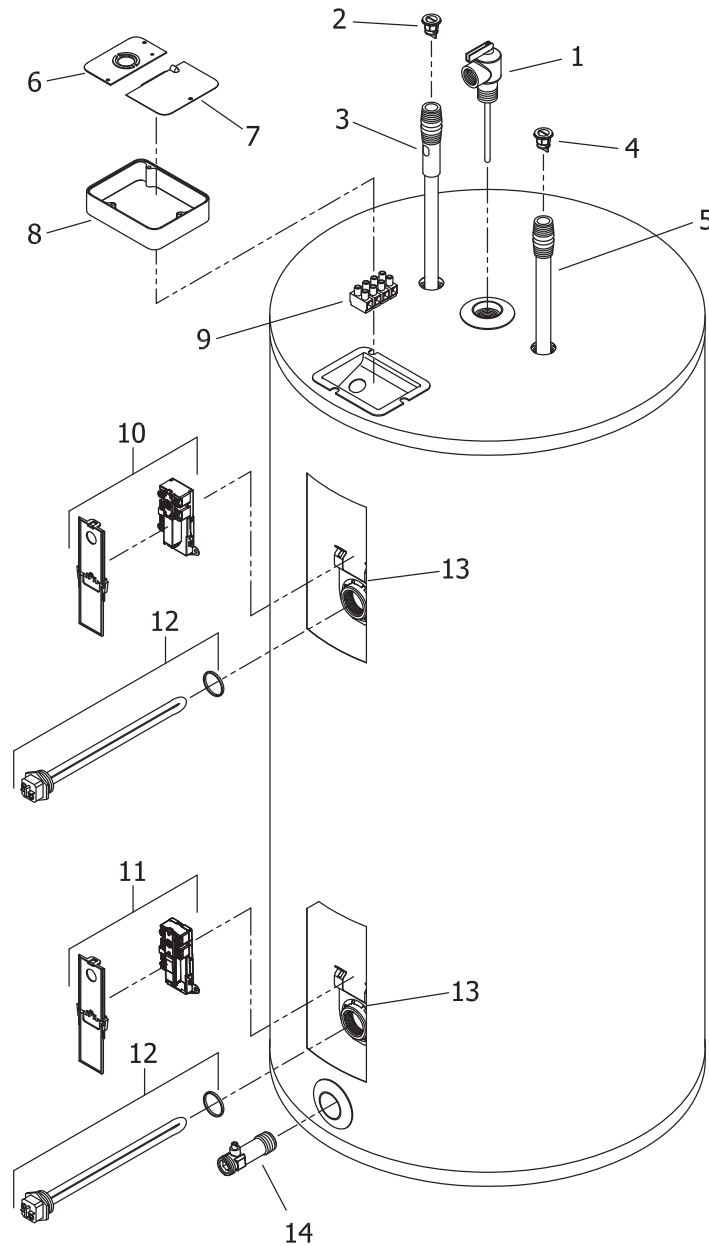
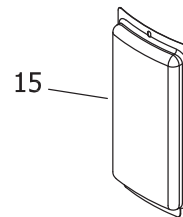
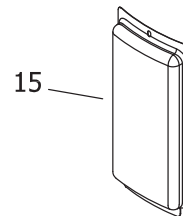
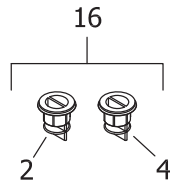
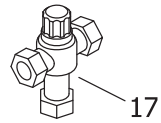
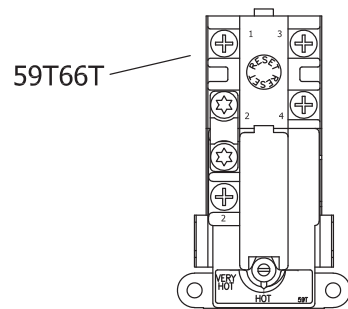
* For other voltage and wattage combinations, refer to heating element on pages 6 & 7.

Anode may need to be cut to length

- TOP LOCATION**
- Double element water heater.



- BOTTOM LOCATION**
- Single element water heater.
 - Double element water heater.



Item	Description	Model LE120L	Model LE130L	Model LE140L	Model LE150L
1	T&P Relief Valve	230-32920-01	230-40594-02	230-40594-02	230-40594-02
2	Heat Trap Insert (Outlet)	239-45167-00	239-45167-00	239-45167-00	239-45167-00
3	Hot Water Outlet Anode Magnesium ♦#	224-47776-19	224-47776-19	224-47776-19	224-47776-19
	Aluminum ♦#	224-32999-28	224-32999-28	224-32999-28	224-32999-28
	A420(Aluminum) ♦#	224-49560-08	224-49560-08	224-49560-08	224-49560-08
4	Heat Trap Insert (Inlet)	239-51556-00	239-51556-00	239-51556-00	239-51556-00
5	Cold Water Inlet Tube PEX ♦♦	229-51230-01	229-51718-04	229-51230-27	229-51230-27
6	Cover Conduit/Ground	243-39451-00	243-39451-00	243-39451-00	243-39451-00
7	Cover Junction box	243-39452-00	243-39452-00	243-39452-00	243-39452-00
8	Junction Box Extender	239-40587-00	239-40587-00	239-40587-00	239-40587-00
9	Terminal Block (4 pole)	239-47294-00	239-47294-00	239-47294-00	239-47294-00
10	Upper Thermostat with High Limit (59T66T) & Protector ▲	415-53389-00	415-53389-00	415-53389-00	415-53389-00
11	Lower Thermostat with High Limit (59T66T) & Protector ▲	415-53388-00	415-53388-00	415-53388-00	415-53388-00
12	Heating Element 240V 4500W with gasket*	265-48642-00	265-48642-00	265-48642-00	265-48642-00
13	Thermostat Mounting Bracket	239-50689-00	239-50689-00	239-50689-00	239-50689-00
14	Brass Drain Valve	265-42351-02	265-42351-02	265-42351-02	265-42351-02
15	Access Cover	243-36618-02	243-36618-02	243-36618-02	243-36618-02
16	Kit-Heat Trap Insert	265-51572-00	265-51572-00	265-51572-00	265-51572-00
17	ASSE Approved Mixing Valve	239-51778-00	239-51778-00	239-51778-00	239-51778-00

♦ Order with item 2.

♦♦ Order with item 4.

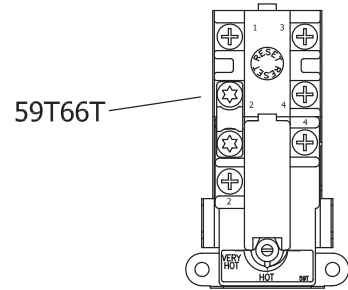
▲ Thermostat protector and mounting bracket (Item #13) provided in kit with thermostat.

* For other voltage and wattage combinations, refer to heating elements on page 6 & 7.

Anode may need to be cut to length

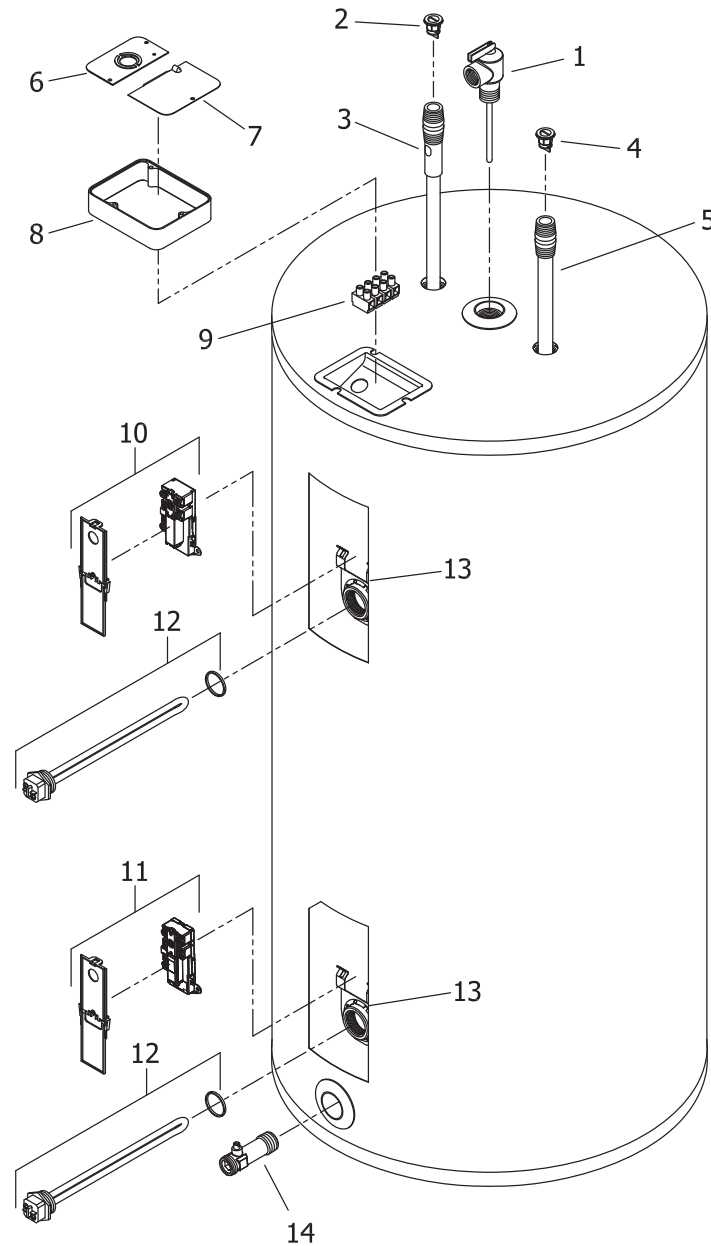
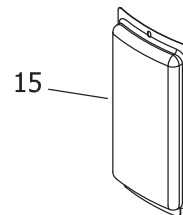
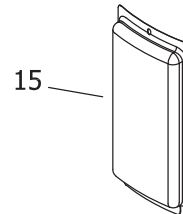
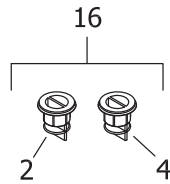
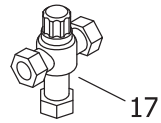
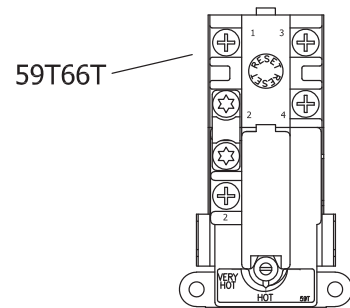
- Double element water heater.

- Double element water heater.



BOTTOM LOCATION

- Single element water heater.
- Double element water heater.



Item	Description	Model LE265T	Model LE280T	Model LE2120T
1	T&P Relief Valve	230-40594-02	230-40594-02	230-40594-02
2	Heat Trap Insert (Outlet)	239-45167-00	239-45167-00	239-45167-00
3	Hot Water Outlet Anode Magnesium ♦ #	224-47776-19	224-47776-19	224-47780-01
	Aluminum ♦ #	224-32999-28	224-32999-28	224-45036-01
	A420 (Aluminum)#	224-49560-08	224-49560-08	224-49561-01
4	Heat Trap Insert (Inlet)	239-51556-00	239-51556-00	239-51556-00
5	Cold Water Inlet Tube PEX ♦♦	229-51230-22	229-51230-22	---
	Cold Water Inlet Tube Polysulfone ♦♦	---	---	229-45032-01
6	Cover Conduit/Ground	243-39451-00	243-39451-00	243-39451-00
7	Cover Junction box	243-39452-00	243-39452-00	243-39452-00
8	Junction Box Extender	239-40587-00	239-40587-00	239-40587-00
9	Terminal Block (4 pole)	239-47294-00	239-47294-00	239-47294-00
10	Upper Thermostat with High Limit (59T66T) & Protector ▲	415-53389-00	415-53389-00	415-53389-00
11	Lower Thermostat with High Limit (59T66T) & Protector ▲	415-53388-00	415-53388-00	415-53388-00
12	Heating Element 240V 4500W with gasket*	265-48642-00	265-48642-00	265-48642-00
13	Thermostat Mounting Bracket	239-50689-00	239-50689-00	239-50689-00
14	Brass Drain Valve	265-42351-02	265-42351-02	265-42351-02
15	Access Cover	243-36618-02	243-36618-02	243-36618-02
16	Kit-Heat Trap Insert	265-51572-00	265-51572-00	265-51572-00
17	ASSE Approved Mixing Valve	239-51778-00	239-51778-00	239-51778-00

♦ Order with item 2.

♦♦ Order with item 4.

▲ Thermostat protector and mounting bracket (Item #13) provided in kit with thermostat.

* For other voltage and wattage combinations, refer to heating element on pages 6 & 7.

Anode may need to be cut to length

Voltage & Wattage Conversion Kits

Element Wattage	Non-Simultaneous Max Wattage	Simultaneous Max Wattage	Voltage			
			120	208	240	277
1500	1500	3000	265-46409-01	265-46409-05	265-46409-13	265-45409-16
2000	2000	4000	265-46409-02 *	265-46409-06	265-46409-05	265-45409-17
2500	2500	5000	265-46409-03 *	265-46409-07	265-46409-06	265-45409-18
3000	3000	6000	265-46409-04 *	265-46409-08	265-46409-14	265-45409-19
3500	3500	7000	N/A	265-46409-09	265-46409-07	N/A
4000	4000	8000	N/A	265-46409-10	265-46409-08	265-45409-20
4500	4500	9000	N/A	265-46409-11	265-46409-09	265-45409-21
5000	5000	10000	N/A	265-46409-12	265-46409-15	265-45409-22
5500	5500	11000	N/A	265-46409-46 *	265-46409-10	265-46409-40
6000	6000	12000	N/A	265-46409-47 *	265-46409-48 *	265-45409-23

Element Wattage	Non-Simultaneous Max Wattage	Simultaneous Max Wattage	380	415	480
1500	1500	3000	265-46409-24	265-46409-41	265-46409-32
2000	2000	4000	265-46409-43	265-46409-24	265-46409-33
2500	2500	5000	265-46409-25	265-46409-43	265-46409-34
3000	3000	6000	265-46409-26	265-46409-25	265-46409-35
3500	3500	7000	265-46409-27	265-46409-26	N/A
4000	4000	8000	265-46409-29	265-46409-27	265-46409-36
4500	4500	9000	265-46409-30	265-46409-28	265-46409-37
5000	5000	10000	265-46409-31	265-46409-29	265-46409-38
5500	5500	11000	265-46409-44	265-46409-30	265-46409-42
6000	6000	12000	265-46409-45	265-46409-31	265-46409-39

* These kits contain only one element for single element water heaters only.

Heating Elements (Copper) for:
Residential Series (RE)
Light Duty (LE) Commercial Series
Medium Duty (E32) Commercial Series
Commercial (MII) Series

Wattage	120 Volt	208 Volt	240 Volt	277 Volt	380 Volt
1000W ▲	220-42540-01	220-42544-01	220-42546-01	N/A	N/A
1250W ▲	N/A	N/A	220-42544-13	N/A	N/A
1500W ▲	220-42540-02	220-42544-03	220-42544-01	N/A	N/A
1500W (LWD) ▲	220-42540-03	N/A	220-42544-02	N/A	N/A
2000W ▲	220-42540-04	220-42544-04	220-42544-03	N/A	N/A
2500W ▲	220-42540-05	220-42544-06	220-42544-04	N/A	N/A
3000W ▲	220-42540-07	220-42544-14	220-42544-05	N/A	N/A
3500W ▲▲	N/A	220-51333-08	220-42544-06	N/A	N/A
3800W ▲▲	N/A	N/A	220-42546-10	N/A	N/A
4000W ▲▲	N/A	220-42544-16	220-42544-14	N/A	N/A
4500W ▲▲	N/A	220-42544-12	220-51333-08	N/A	N/A
4500W (LWD) ▲▲	N/A	N/A	220-51333-09	N/A	N/A
5000W ▲▲	N/A	N/A	220-42544-10	N/A	N/A
5500W ▲▲	N/A	N/A	220-42544-16	N/A	N/A
6000W ▲▲	N/A	N/A	220-42544-12	N/A	N/A
Element gasket ^	223-34019-00	223-34019-00	223-34019-00	223-34019-00	223-34019-00
Element plug	223-34020-00	223-34020-00	223-34020-00	223-34020-00	223-34020-00

(LWD) = Low Watt Density

▲ For 12" Diameter tanks and above.

▲▲ For 14" Diameter tanks and above.

^ Element gaskets should be ordered with elements.

Heating Elements (Incoloy) for:
Residential Series (RE)
Light Duty (LE) Commercial Series
Medium Duty (E32) Commercial Series
Commercial (MII) Series

Wattage	120 Volt	208 Volt	240 Volt	277 Volt	380 Volt	415 Volt	480 Volt	600 Volt
1000W ▲	N/A	220-42545-13	220-42547-10	N/A	N/A	N/A	N/A	N/A
1250W ▲	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1500W ▲	220-42541-02	220-42545-02	220-42545-13	220-42547-10	220-42551-12	220-42551-11	220-42553-09	N/A
1500W (LWD)▲	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2000W ▲	N/A	220-42545-14	220-42545-02	220-42547-07	220-42549-04	220-42551-12	220-42553-01	N/A
2500W ▲	N/A	220-42545-11	220-42545-14	220-42547-11	220-42551-13	220-42549-04	220-42553-10	N/A
3000W ▲	N/A	220-42545-12	220-42545-15	220-42547-08	220-42551-10	220-42551-13	220-42553-08	N/A
3500W ▲▲	N/A	220-51328-07	220-42545-11	N/A	220-42551-14	220-42551-10	N/A	N/A
3800W ▲▲	N/A	N/A	220-42547-15	N/A	N/A	N/A	N/A	N/A
4000W ▲▲	N/A	220-42545-17	220-42545-12	220-42547-03	220-42551-16	220-42551-14	220-42553-03	N/A
4500W ▲▲	N/A	220-42545-19	220-51328-07	220-42547-12	220-42551-17	220-42551-15	220-42553-11	N/A
4500W (LWD) ▲▲	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5000W ▲▲	N/A	220-42543-04	220-42545-18	220-42547-15	220-42551-18	220-42551-16	220-42553-12	N/A
5500W ▲▲	N/A	220-42543-05	220-42545-17	220-42547-13	220-42549-06	220-42551-17	220-42553-13	N/A
6000W ▲▲	N/A	220-42543-06	220-42545-19	220-42547-14	220-42549-05	220-42551-18	220-42553-14	N/A
Element gasket ^	223-34019-00	223-34019-00	223-34019-00	223-34019-00	223-34019-00	223-34019-00	223-34019-00	223-34019-00
Element plug	223-34020-00	223-34020-00	223-34020-00	223-34020-00	223-34020-00	223-34020-00	223-34020-00	223-34020-00

(LWD) = Low Watt Density

For bagged elements that include gasket, change part number prefix to 265- (example: 265-42541-02).

Element wrench *** 265-35897-12

*** For use with residential, LE, LD, E32, and MII series heating elements only. Not for use with commercial "A" series heating elements.

▲ For 12" diameter tanks and above.

▲▲ For 14" diameter tanks and above.

^ Element gaskets should be ordered with elements.

NOTES

[illegible]



For U.S. and Canada field service,
contact your professional installer or
local Bradford White sales representative.

Sales/800-523-2931

Technical Support/800-334-3393
Email/techserv@bradfordwhite.com

Warranty/800-531-2111
Email/warranty@bradfordwhite.com

Service Parts/800-538-2020
Email/Parts@bradfordwhite.com

International:
international@bradfordwhite.com



Halton Hills, Ontario, Canada

Sales & Technical Support/866-690-0961
905-203-0600

Fax/905-636-0666

Email
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Technical Support/BWCCTech@bradfordwhite.com
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Orders/ca.orders@bradfordwhite.com

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