



Light Duty Commercial Electric Replacement Parts List

Light Duty Energy Saver Upright and Lowboy Models



Models Covered:
LE3(30,40,50)S*
LE1(20)L*
LE2(30,40,50)LN*
LE2(55,65,80)T*
LE2120T*

*Denotes warranty year

Includes Hydrojet®
Total Performance System

Effective: November, 2023
ECO 8414

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

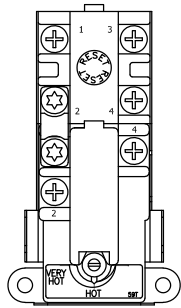
Dimensions and specifications
subject to change without notice.



As required by the state of California Proposition 65.

TOP LOCATION

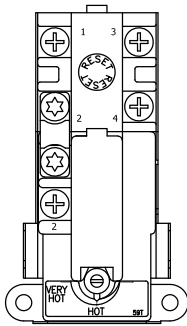
- Double element water heater.



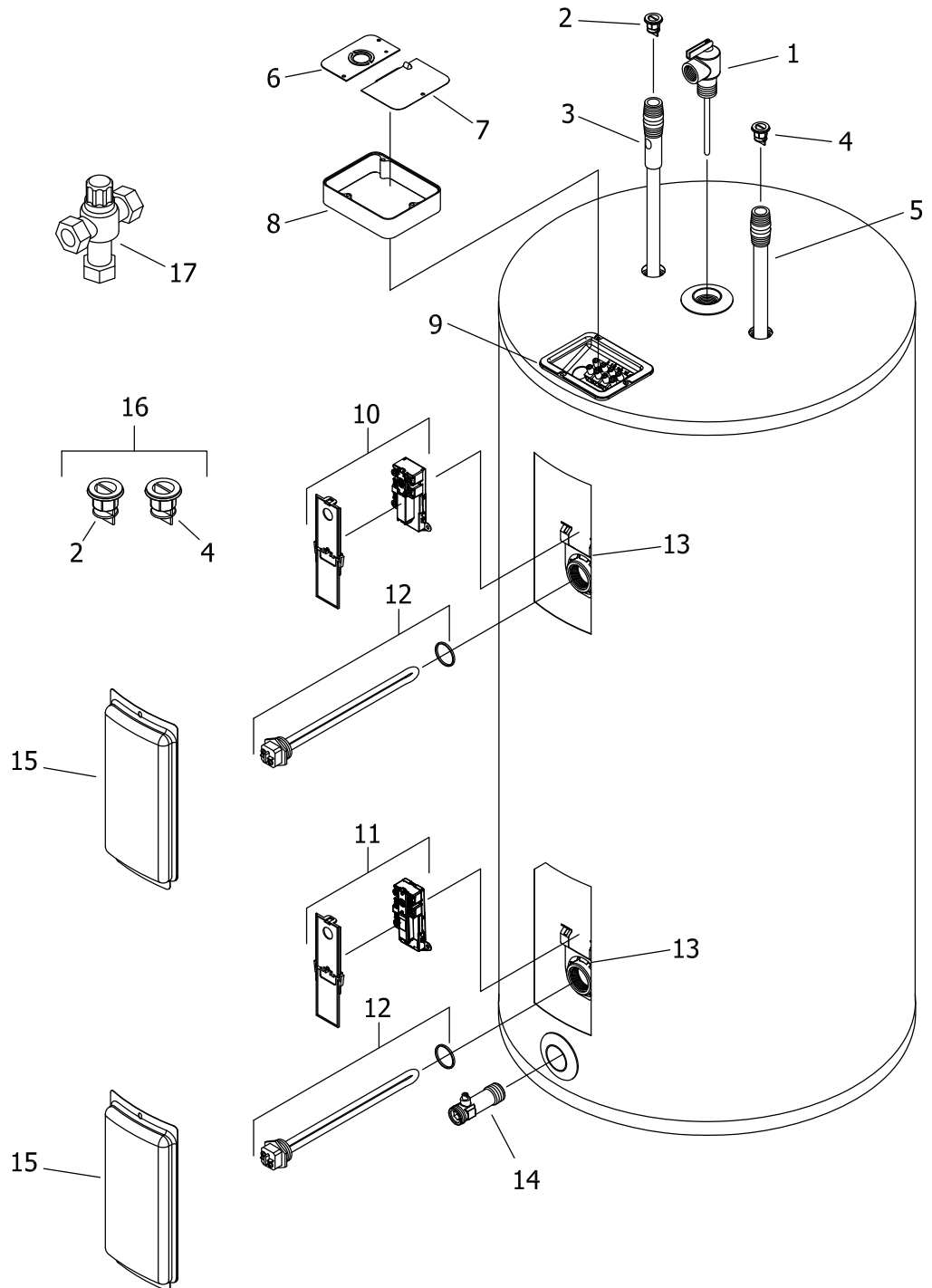
59T66T

BOTTOM LOCATION

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



59T66T

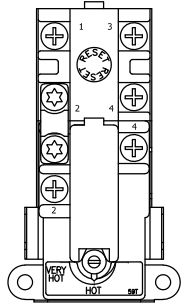


Item	Description	Model LE230S	Model LE240S	Model LE250S
1	T&P Relief Valve	415-40594-02	415-40594-02	415-40594-02
2	Heat Trap Insert (Outlet)	415-45167-00	415-45167-00	415-45167-00
3	Hot Water Outlet Anode Magnesium ♦#	415-47776-19	415-47776-19	415-47776-19
	Aluminum ♦#	415-32999-28	415-32999-28	415-32999-28
	A420 (Aluminum) ♦#	415-49560-08	415-49560-08	415-49560-08
4	Heat Trap Insert (Inlet)	415-51556-00	415-51556-00	415-51556-00
5	Cold Water Inlet Tube Pex ♦♦	415-51230-21	415-51230-21	415-51230-21
6	Cover Conduit/Ground	239-39451-00	239-39451-00	239-39451-00
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	J-Box w/ Terminal Block	265-47380-00	265-47380-00	265-47380-00
10	Upper Thermostat with High Limit (59T66T) & Protector ▲▲ ∩	415-51046-00	415-51046-00	415-51046-00
	Upper and Lower Thermostat (59T66T) & Protector ▲ Φ ∩∩	415-54615-00	415-54615-00	415-54615-00
11	Lower Thermostat (59T66T) & Protector ▲▲ ∩	415-50691-00	415-50691-00	415-50691-00
	Lower Thermostat (59T66T) & Protector ▲ Φ ∩∩	415-54452-00	415-54452-00	415-54452-00
12	Heating Element 240V 4500W with Gasket*	415-48642-00	415-48642-00	415-48642-00
13	Thermostat Mounting Bracket	415-50689-00	415-50689-00	415-50689-00
14	Brass Drain Valve	415-42351-02	415-42351-02	415-42351-02
15	Access Cover	243-36618-02	243-36618-02	243-36618-02
16	Heat Trap Insert Kit	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 provided in kit with thermostat.
- ▲▲ Thermostat protector and mounting bracket (Item# 13) provided in kit with thermostat.
- Φ Mounting bracket (Item #13) not provided in kit with thermostat.
- * For other voltage and wattage combinations, refer to voltage & wattage conversion kits on page 12.
- # Anode may need to be cut to length, please see page 13 for reference chart of anode length by model.
- ∩ Design certified for products with serial numbers PRIOR to TD43243484.
- ∩∩ Design certified for products with serial numbers AFTER and including TD43243484.

TOP LOCATION

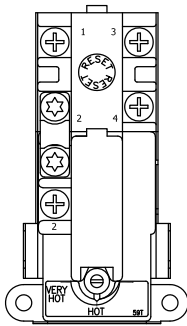
- Double element water heater.



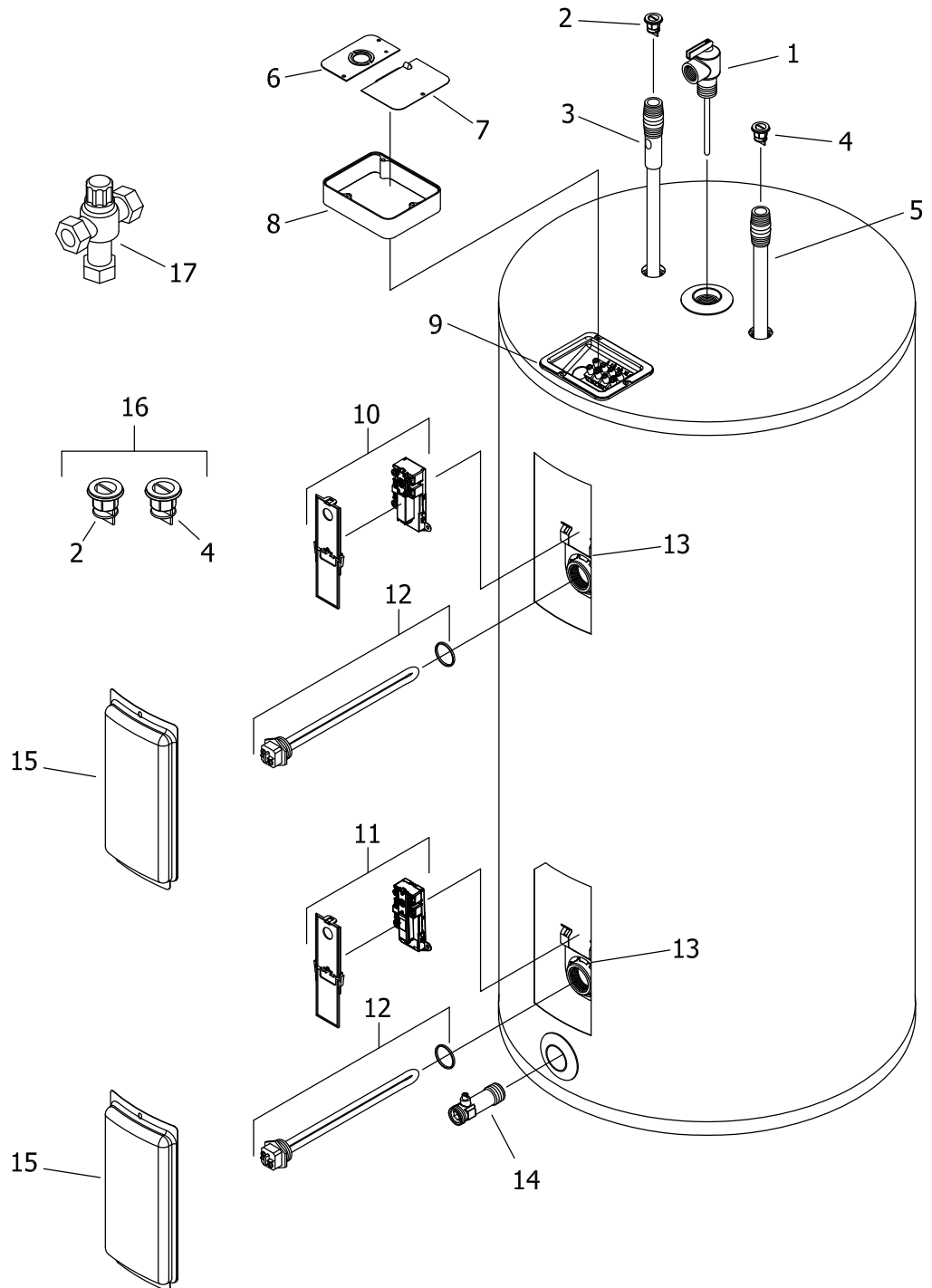
59T66T

BOTTOM LOCATION

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



59T66T



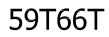
Item	Description	Model LE330S	Model LE340S	Model LE350S
1	T&P Relief Valve	415-40594-02	415-40594-02	415-40594-02
2	Heat Trap Insert (Outlet)	415-45167-00	415-45167-00	415-45167-00
3	Hot Water Outlet Anode Magnesium ♦#	415-47776-19	415-47776-19	415-47776-19
	Aluminum ♦#	415-32999-28	415-32999-28	415-32999-28
	A420 (Aluminum) ♦#	415-49560-08	415-49560-08	415-49560-08
4	Heat Trap Insert (Inlet)	415-51556-00	415-51556-00	415-51556-00
5	Cold Water Inlet Tube Pex ♦♦	415-51230-21	415-51230-21	415-51230-21
6	Cover Conduit/Ground	239-39451-00	239-39451-00	239-39451-00
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	J-Box w/ Terminal Block	265-47380-00	265-47380-00	265-47380-00
10	Upper and Lower Thermostat (59T66T) & Protector ▲ Φ	415-54615-00	415-54615-00	415-54615-00
11	Lower Thermostat (59T66T) & Protector ▲ Φ	415-54452-00	415-54452-00	415-54452-00
12	Heating Element 240V 4500W with Gasket*	415-48642-00	415-48642-00	415-48642-00
13	Thermostat Mounting Bracket	415-50689-00	415-50689-00	415-50689-00
14	Brass Drain Valve	415-42351-04	415-42351-04	415-42351-04
15	Access Cover	243-36618-02	243-36618-02	243-36618-02
16	Heat Trap Insert Kit	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 provided in kit with thermostat.
- ▲▲ Thermostat protector and mounting bracket (Item# 13) provided in kit with thermostat.
- Φ Mounting bracket (Item #13) not provided in kit with thermostat.
- * For other voltage and wattage combinations, refer to voltage & wattage conversion kits on page 12.
- # Anode may need to be cut to length, please see page 13 for reference chart of anode length by model.

- Double element water heater.



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



Item	Description	Model LE120L	Model LE130L	Model LE140L	Model LE150L
1	T&P Relief Valve	415-40594-02	415-40594-02	415-40594-02	415-40594-02
2	Heat Trap Insert (Outlet)	415-45167-00	415-45167-00	415-45167-00	415-45167-00
3	Hot Water Outlet Anode Magnesium ♦#	415-47776-19	415-47776-19	415-47776-19	415-47776-19
	Aluminum ♦#	415-32999-28	415-32999-28	415-32999-28	415-32999-28
	A420(Aluminum) ♦#	415-49560-08	415-49560-08	415-49560-08	415-49560-08
4	Heat Trap Insert (Inlet)	415-51556-00	415-51556-00	415-51556-00	415-51556-00
5	Cold Water Inlet Tube PEX ♦♦	415-51230-01	229-51718-04	415-51230-27	415-51230-27
6	Cover Conduit/Ground	239-39451-00	239-39451-00	239-39451-00	239-39451-00
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	J-Box w/ Terminal Block	265-47380-00	265-47380-00	265-47380-00	265-47380-00
10	Upper Thermostat with High Limit (59T66T) & Protector ▲▲ ∩	415-51046-00	415-51046-00	415-51046-00	415-51046-00
	Upper and Lower Thermostat (59T66T) & Protector ▲ Φ ∩∩	415-54615-00	415-54615-00	415-54615-00	415-54615-00
11	Lower Thermostat (59T66T) & Protector ▲▲ ∩	415-50691-00	415-50691-00	415-50691-00	415-50691-00
	Lower Thermostat (59T66T) & Protector ▲ Φ ∩∩	415-54452-00	415-54452-00	415-54452-00	415-54452-00
12	Heating Element 240V 4500W with Gasket*	415-48642-00	415-48642-00	415-48642-00	415-48642-00
13	Thermostat Mounting Bracket	415-50689-00	415-50689-00	415-50689-00	415-50689-00
14	Brass Drain Valve	415-42351-02	415-42351-02	415-42351-02	415-42351-02
15	Plug-3/4" NPT	239-11638-00	239-11638-00	239-11638-00	239-11638-00
16	Access Cover	243-36618-02	243-36618-02	243-36618-02	243-36618-02
17	Heat Trap Insert Kit	265-51572-00	265-51572-00	265-51572-00	265-51572-00
18	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 provided in kit with thermostat.

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

Φ Mounting bracket (Item #13) not provided in kit with thermostat.

* For other voltage and wattage combinations, refer to voltage & wattage conversion kits on page 12.

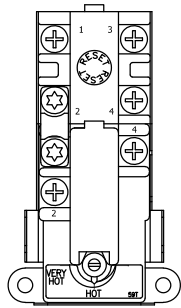
Anode may need to be cut to length, please see page 13 for reference chart of anode length by model.

∩ Design certified for products with serial numbers PRIOR to TD43243484.

∩∩ Design certified for products with serial numbers AFTER and including TD43243484.

TOP LOCATION

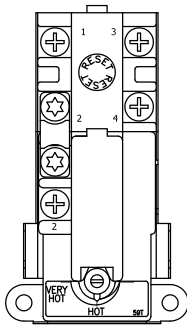
- Double element water heater.



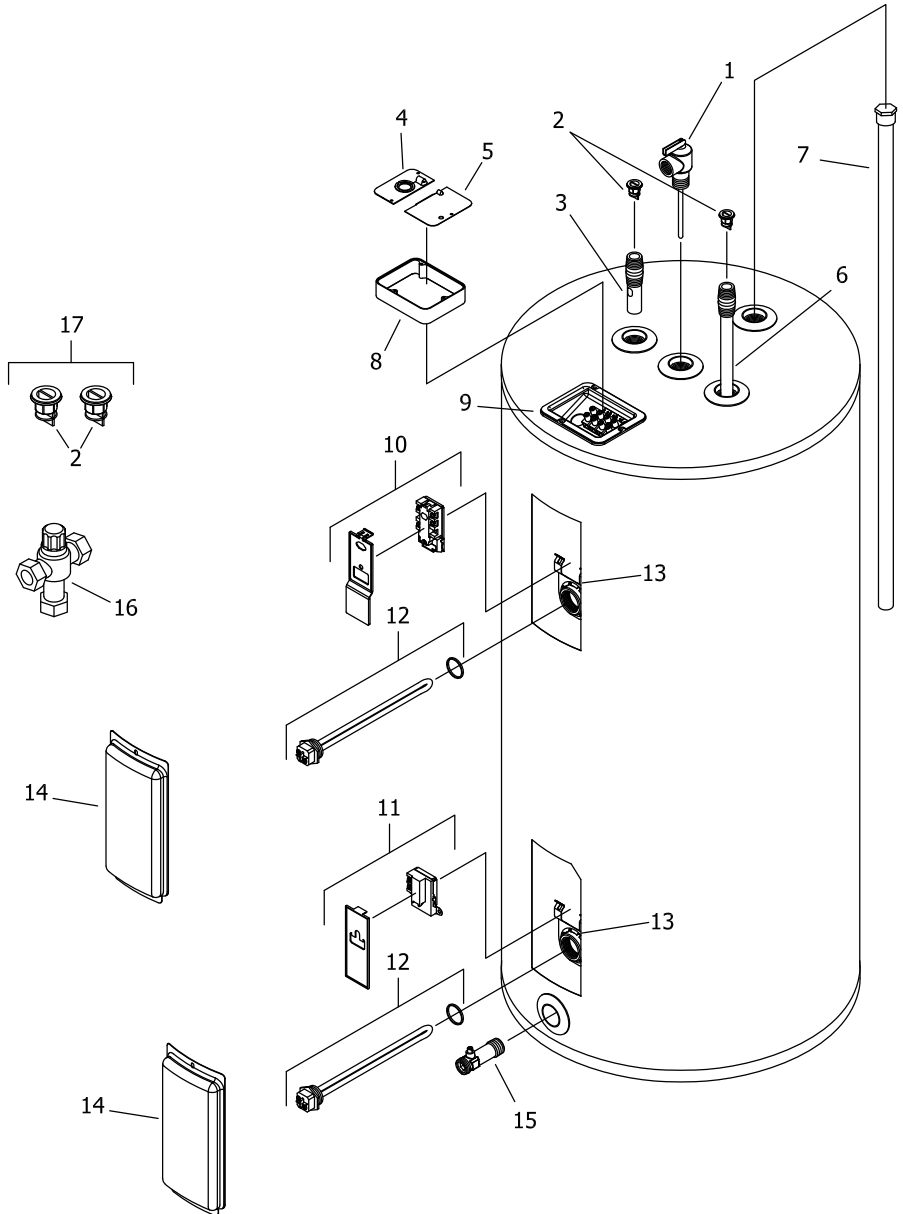
59T66T

BOTTOM LOCATION

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



59T66T

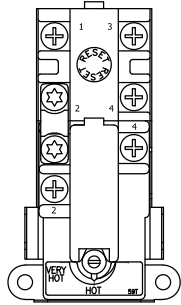


Item	Description	Model LE230LN	Model LE240LN	Model LE250LN
1	T&P Relief Valve	415-40594-04	415-40594-04	415-40594-04
2	Heat Trap Insert	415-51556-00	415-51556-00	415-51556-00
3	Hot Water Outlet Device♦	229-51995-00	229-51858-00	229-51858-00
4	Cover Conduit/Ground	239-39451-00	239-39451-00	239-39451-00
5	Cover Junction Box	243-39452-00	243-39452-00	243-39452-00
6	Cold Water Inlet Tube PEX ♦	229-51718-03	229-52007-01	229-51718-02
7	Hex Head Anode Magnesium #	415-47782-08	415-47782-08	415-47782-08
	Aluminum #	415-38508-10	415-38508-10	415-38508-10
	A420 (Aluminum)#	415-49559-04	415-49559-04	415-49559-04
8	Junction Box Extender	239-40587-00	239-40587-00	239-40587-00
9	J-Box w/ Terminal Block	265-47380-00	265-47380-00	265-47380-00
10	Upper Thermostat with High Limit (59T66T) & Protector ▲▲ ∩	415-51046-00	415-51046-00	415-51046-00
	Upper and Lower Thermostat (59T66T) & Protector ▲ Φ ∩∩	415-54615-00	415-54615-00	415-54615-00
11	Lower Thermostat (59T66T) & Protector ▲▲ ∩	415-50691-00	415-50691-00	415-50691-00
	Lower Thermostat (59T66T) & Protector ▲ Φ ∩∩	415-54452-00	415-54452-00	415-54452-00
12	Heating Element 240V 4500W with Gasket*	415-48642-00	415-48642-00	415-48642-00
13	Thermostat Mounting Bracket	415-50689-00	415-50689-00	415-50689-00
14	Access Cover	243-36618-02	243-36618-02	243-36618-02
15	Brass Drain Valve	415-42351-04	415-42351-04	415-42351-02
16	ASSE Approved Mixing Valve	239-51778-00	239-51778-00	239-51778-00
17	Heat Trap Insert Kit (PEX)	265-51875-00	265-51875-00	265-51875-00

- ♦ Order with item 2.
- ▲ Thermostat protector provided in kit with thermostat.
- ▲▲ Thermostat protector and mounting bracket (Item# 13) provided in kit with thermostat.
- Φ Mounting bracket (Item #13) not provided in kit with thermostat.
- * For other voltage and wattage combinations, refer to voltage & wattage conversion kits on page 12.
- # Anode may need to be cut to length, please see page 13 for reference chart of anode length by model.
- ∩ Design certified for products with serial numbers PRIOR to TD43243484.
- ∩∩ Design certified for products with serial numbers AFTER and including TD43243484.

TOP LOCATION

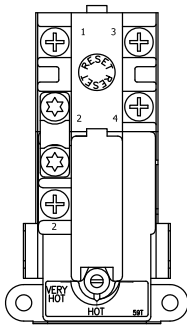
- Double element water heater.



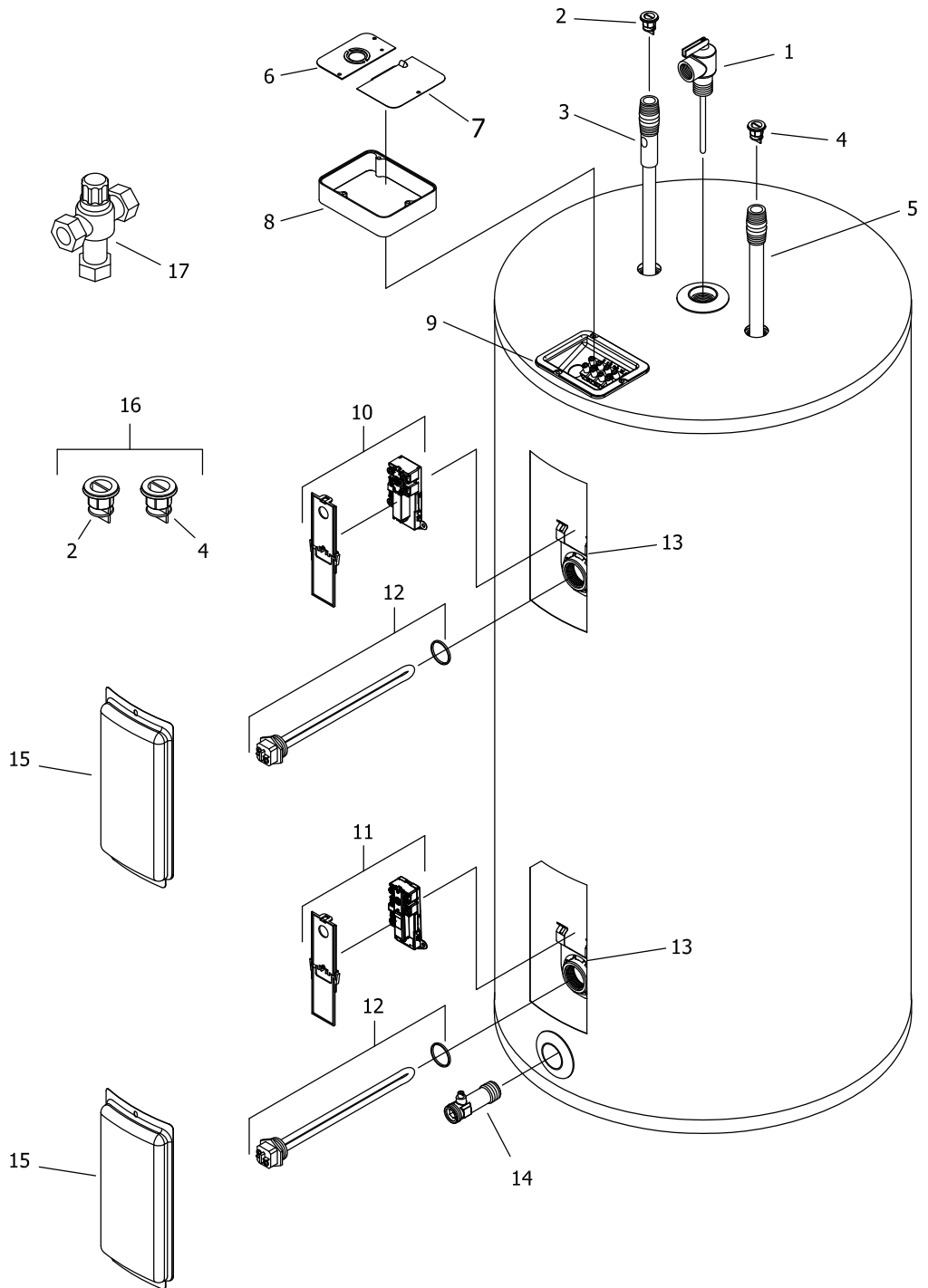
59T66T

BOTTOM LOCATION

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



59T66T

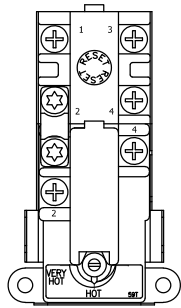


Item	Description	Model LE265T	Model LE280T	Model LE2120T
1	T&P Relief Valve	415-40594-02	415-40594-02	415-40594-02
2	Heat Trap Insert (Outlet)	415-45167-00	415-45167-00	415-45167-00
3	Hot Water Outlet Anode Magnesium ♦ #	415-47776-19	224-47776-27	415-47780-01
	Aluminum ♦ #	415-32999-28	415-32999-28	415-45036-01
	A420 (Aluminum)#	415-49560-08	415-49560-08	---
4	Heat Trap Insert (Inlet)	415-51556-00	415-51556-00	415-51556-00
5	Cold Water Inlet Tube PEX ♦♦	415-51230-22	229-51230-33	---
	Cold Water Inlet Tube Polysulfone ♦♦	---	---	229-45032-01
6	Cover Conduit/Ground	239-39451-00	239-39451-00	239-39451-00
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	J-Box w/ Terminal Block	265-47380-00	265-47380-00	265-47380-00
10	Upper Thermostat with High Limit (59T66T) & Protector ▲▲ ∩	415-51046-00	415-51046-00	415-51046-00
	Upper and Lower Thermostat (59T66T) & Protector ▲ Φ ∩∩	415-54615-00	415-54615-00	415-54615-00
11	Lower Thermostat (59T66T) & Protector ▲▲ ∩	415-50691-00	415-50691-00	415-50691-00
	Lower Thermostat (59T66T) & Protector ▲ Φ ∩∩	415-54452-00	415-54452-00	415-54452-00
12	Heating Element 240V 4500W with Gasket*	415-48642-00	415-48642-00	415-48642-00
13	Thermostat Mounting Bracket	415-50689-00	415-50689-00	415-50689-00
14	Brass Drain Valve	415-42351-02	415-42351-02	415-42351-02
15	Access Cover	243-36618-02	243-36618-02	243-36618-02
16	Heat Trap Insert Kit (PEX)	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 provided in kit with thermostat.
- ▲▲ Thermostat protector and mounting bracket (Item #13) provided in kit with thermostat.
- Φ Mounting bracket (Item #13) not provided in kit with thermostat.
- * For other voltage and wattage combinations, refer to voltage & wattage conversion kits on page 12.
- # Anode may need to be cut to length, please see page 13 for reference chart of anode length by model.
- ∩ Design certified for products with serial numbers PRIOR to TD43243484.
- ∩∩ Design certified for products with serial numbers AFTER and including TD43243484.

TOP LOCATION

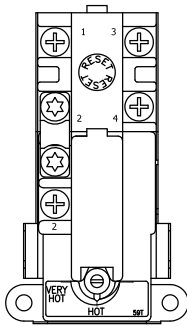
- Double element water heater.



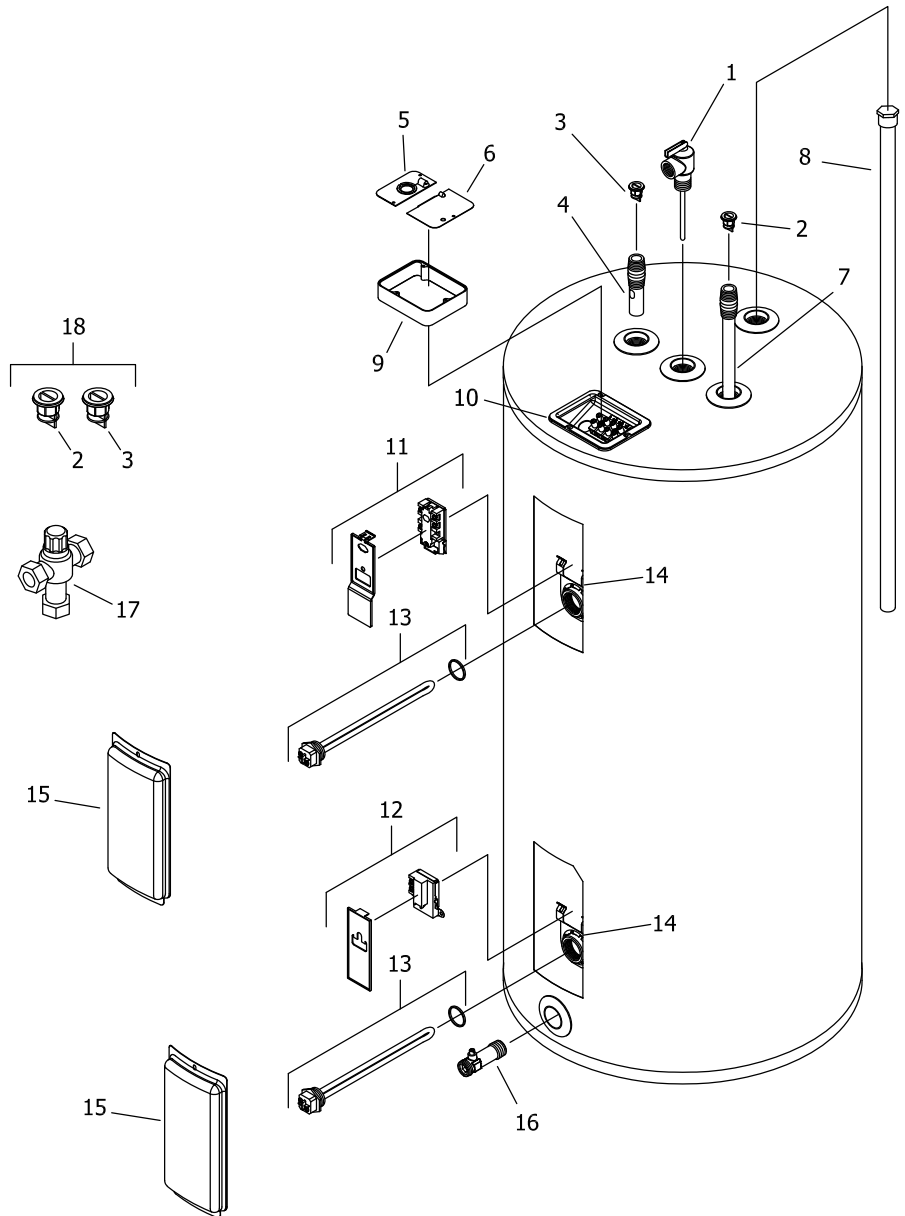
59T66T

BOTTOM LOCATION

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



59T66T



Item	Description	Model LE255T
1	T&P Relief Valve	415-40594-04
2	Heat Trap Insert (Inlet)	415-51556-00
3	Heat Trap Insert (Outlet)	415-45167-00
4	Hot Water Outlet Device♦	229-50053-06
5	Cover Conduit/Ground	239-39451-00
6	Cover Junction Box	243-39452-00
7	Cold Water Inlet Tube PEX ♦♦	229-51718-05
8	Hex Head Anode Magnesium #	415-47782-08
	Aluminum #	415-38508-10
	A420 (Aluminum)#	415-49559-04
9	Junction Box Extender	239-40587-00
10	J-Box w/ Terminal Block	265-47380-00
11	Upper and Lower Thermostat (59T66T) & Protector ▲	415-54615-00
12	Lower Thermostat (59T66T) & Protector ▲	415-54452-00
13	Heating Element 240V 4500W with Gasket*	415-48642-00
14	Thermostat Mounting Bracket	415-50689-00
15	Access Cover	243-36618-02
16	Brass Drain Valve	415-42351-04
17	ASSE Approved Mixing Valve	239-51778-00
18	Heat Trap Insert Kit (PEX)	265-51572-00

♦ Order with item 3.

♦♦ Order with item 2.

▲ Thermostat protector provided in kit with thermostat.

* For other voltage and wattage combinations, refer to voltage & wattage conversion kits on page 12.

Anode may need to be cut to length, please see page 13 for reference chart of anode length by model.

Voltage & Wattage Conversion Kits

Element Wattage	Non-Simultaneous	Simultaneous Max Wattage	Voltage			
			120	208	240	277
1000	1000	2000	N/A	415-54506-13	N/A	N/A
1500	1500	3000	415-54506-01	415-54506-05	415-54506-13	415-54506-16
2000	2000	4000	415-54506-02*	415-54506-06	415-54506-05	415-54506-17
2500	2500	5000	415-54506-03*	415-54506-07	415-54506-06	415-54506-18
3000	3000	6000	415-54506-04*	415-54506-08	415-54506-14	415-54506-19
3500	3500	7000	N/A	415-54506-09	415-54506-07	N/A
4000	4000	8000	N/A	415-54506-49	415-54506-08	415-54506-20
			N/A	N/A	N/A	N/A
4500	4500	9000	N/A	415-54506-11	415-54506-09	415-54506-51
			N/A	415-54506-48*	N/A	N/A
5000	5000	10000	N/A	415-54506-50	415-54506-15	415-54506-52
5500	5500	11000	N/A	415-54506-65*	415-54506-49	415-54506-61
			N/A	415-54506-67	N/A	N/A
6000	6000	12000	N/A	415-54506-66*	415-54506-68	415-54506-53
			N/A	N/A	415-54506-48*	N/A
6100	6100	12200	N/A	N/A	415-54506-69	415-54506-70

Element Wattage	Non-Simultaneous	Simultaneous Max Wattage	Voltage		
			380	415	480
1000	1000	2000	N/A	N/A	N/A
1500	1500	3000	415-46409-24	415-46409-41	415-54506-32
2000	2000	4000	415-46409-43	415-46409-24	415-54506-33
2500	2500	5000	415-46409-25	415-46409-43	415-54506-34
3000	3000	6000	415-46409-26	415-46409-25	415-54506-35
3500	3500	7000	415-46409-54	415-46409-26	N/A
4000	4000	8000	415-46409-56	415-46409-54	415-54506-36
			N/A	N/A	N/A
4500	4500	9000	415-46409-57	415-46409-55	415-54506-59
			N/A	N/A	N/A
5000	5000	10000	415-46409-58	415-46409-56	415-54506-38
5500	5500	11000	415-46409-63	415-46409-57	415-54506-62
			N/A	N/A	N/A
6000	6000	12000	415-46409-64	415-46409-58	415-54506-60
			N/A	N/A	N/A
6100	6100	12200	N/A	N/A	415-54506-71

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

Reference Chart of Anode Length by Model

Model	AOD Anode Cut Length (End to end)		Hex Head Anode Cut Length (End to end)	
	Inches	Millimeters	Inches	Millimeters
LE230S	39.13	994	---	---
LE240S	39.13	994	---	---
LE250S	39.13	994	---	---
LE330S	39.13	994	---	---
LE340S	39.13	994	---	---
LE350S	39.13	994	---	---
LE230LN	---	---	23	584
LE240LN	---	---	23	584
LE250LN	---	---	23	584
LE120L	20.63	524	---	---
LE130L	27.13	690	---	---
LE140L	27.13	690	---	---
LE150L	27.13	690	---	---
LE255T	---	---	47	1194
LE265T	51.13	1303	---	---
LE280T	51.13	1303	---	---
LE2120T	50.81	1291	---	---



United States

Sales	1-800-523-2931
Technical Support	1-800-334-3393
Email	<i>techsupport@bradfordwhite.com</i>
Warranty	1-800-531-2111
Email	<i>warranty@bradfordwhite.com</i>
Service Parts	1-800-538-2020
Email	<i>parts@bradfordwhite.com</i>

Canada

Sales	1-866-690-0961 1-905-203-0600
Fax	905-636-0666
Warranty	1-800-531-2111
Email	<i>warranty@bradfordwhite.com</i>
Technical Support	1-800-334-3393
Email	<i>techsupport@bradfordwhite.com</i>
Orders	<i>ca.orders@bradfordwhite.com</i>
Service Parts	<i>bwccwarranty@bradfordwhite.com</i>

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

International

General Contact	<i>international@bradfordwhite.com</i>
------------------------	---