



RESIDENTIAL ELECTRIC REPLACEMENT PARTS LIST

**Residential Energy Saver Upright
Residential Energy Saver Lowboy
Residential High Efficiency Energy Saver Upright
Dairy Barn Deluxe Energy Saver**



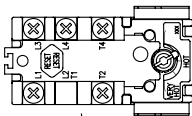
***Effective: March 30, 2007
ECO***

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

Specification subject to
change without notice.

TOP LOCATION

- Double element water heater, non-simultaneous single phase and three phase operation.



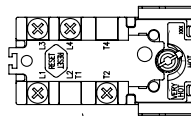
9

TOP LOCATION

- Double element water heater, simultaneous operation.

BOTTOM LOCATION

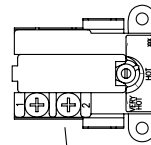
- Single element water heater.
- Double element water heater, non-simultaneous three phase operation.
- Double element water heater, simultaneous operation.



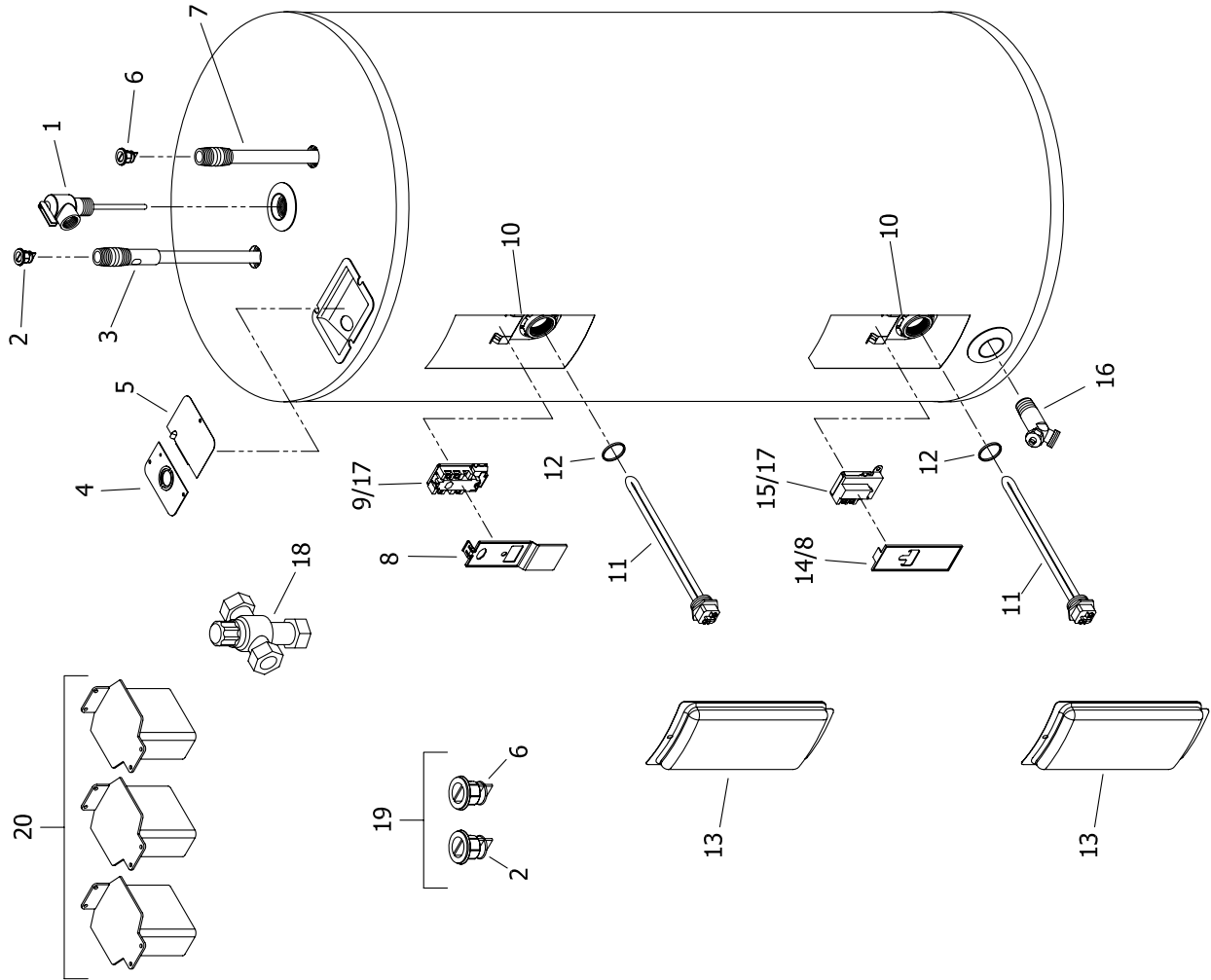
17

BOTTOM LOCATION

- Double element water heater, non-simultaneous single phase operation



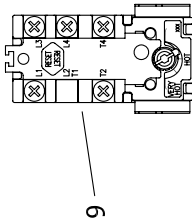
15



Item	Description	Model M230R	Model M240S	Model M240T	Model M250S	Model M250T	Model M265R
1	T&P Relief Valve	230-40594-02	230-32920-01	230-32920-01	230-32920-01	230-32920-01	230-32920-01
2	Heat Trap Insert (Outlet)	239-45167-00	239-45167-00	239-45167-00	239-45167-00	239-45167-00	239-45167-00
3	Hot Water Outlet Anode Magnesium ♦	224-32731-98	224-32731-88	224-32731-96	224-32731-88	224-32731-96	224-32731-99
	Aluminum ♦	224-32999-24	224-32999-06	224-32999-07	224-32999-06	224-32999-07	224-32999-26
4	Cover Conduit/Ground	243-39451-00	243-39451-00	243-39451-00	243-39451-00	243-39451-00	243-39451-00
5	Cover Junction box	243-39452-00	243-39452-00	243-39452-00	243-39452-00	243-39452-00	243-39452-00
6	Heat Trap Insert (Inlet)	239-45073-00	239-45073-00	239-45073-00	239-45073-00	239-45073-00	239-45073-00
7	Cold Water Inlet Tube Polypropylene ♦♦	229-39625-25	229-39625-08	229-39625-09	229-39625-08	229-39625-09	229-39625-27
	Polysulfone (NC Code) ♦♦	229-39628-28	229-39628-08	229-39628-09	229-39628-08	229-39628-09	229-39628-10
8	Thermostat Protector (Large) ♦♦♦	223-40399-00	223-40399-00	223-40399-00	223-40399-00	223-40399-00	223-40399-00
9	Thermostat with High Limit (89T33) ▲	265-40695-00	265-40695-00	265-40695-00	265-40695-00	265-40695-00	265-40695-00
10	Thermostat Mounting Bracket	239-44479-00	239-44479-00	239-44479-00	239-44479-00	239-44479-00	239-44479-00
11	Heating Element 240V 4500W *	220-42544-08	220-42544-08	220-42544-08	220-42544-08	220-42544-08	220-42544-08
12	Heating Element Gasket	223-34019-00	223-34019-00	223-34019-00	223-34019-00	223-34019-00	223-34019-00
13	Access Cover	243-36618-02	243-36618-02	243-36618-02	243-36618-02	243-36618-02	243-36618-02
14	Thermostat Protector (Small) ▲	223-46286-00	223-46286-00	223-46286-00	223-46286-00	223-46286-00	223-46286-00
15	Thermostat (59T) *	265-46279-00	265-46279-00	265-46279-00	265-46279-00	265-46279-00	265-46279-00
16	Brass Drain Valve	265-42351-02	265-42351-02	265-42351-02	265-42351-02	265-42351-02	265-42351-02
17	Thermostat with High Limit (89T13) ▲	265-40694-00	265-40694-00	265-40694-00	265-40694-00	265-40694-00	265-40694-00
18	ASSE Approved Mixing Valve	239-43740-01	239-43740-01	239-43740-01	239-43740-01	239-43740-01	239-43740-01
19	Kit-Heat Trap Insert	265-45420-00	265-45420-00	265-45420-00	265-45420-00	265-45420-00	265-45420-00
20	Kit-Dairy Barn Leg	---	---	---	---	---	---

- ♦ Order with item 2.
- ♦♦ Order with item 6.
- ♦♦♦ For use with item 9 and item 17.
- ▲ For use with item 15.
- ▲▲ Thermostat protector provided with thermostat.
- * For other voltage and wattage combinations, refer to heating element parts list 238-46629-00.

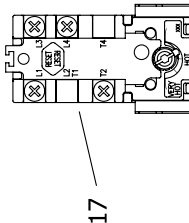
- TOP LOCATION**
- Double element water heater, non-simultaneous single phase and three phase operation.



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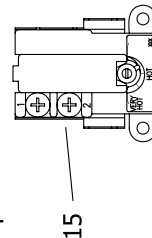
- TOP LOCATION**
- Double element water heater, simultaneous operation.

- BOTTOM LOCATION**
- Single element water heater.
 - Double element water heater, non-simultaneous three phase operation.
 - Double element water heater, simultaneous operation.

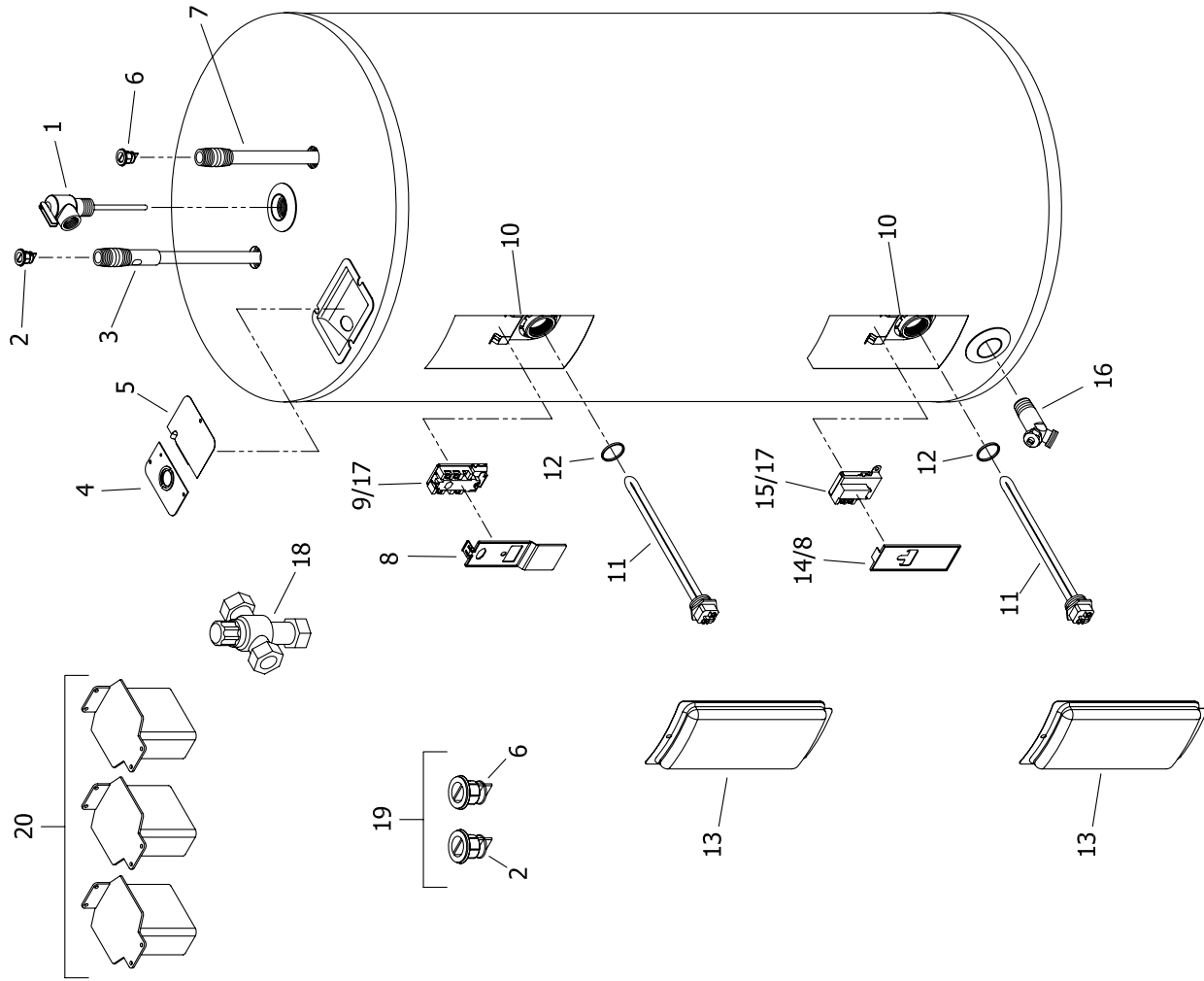


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- BOTTOM LOCATION**
- Double element water heater, non-simultaneous single phase operation



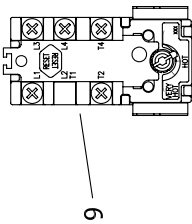
15



Item	Description	Model M280R	Model M180R	Model M2120R	Model M120L	Model M130L	Model M230L
1	T&P Relief Valve	230-32920-01	230-40594-02	230-40594-02	230-32920-01	230-32920-01	230-40594-02
2	Heat Trap Insert (Outlet)	239-45167-00	239-45167-00	239-45167-00	239-45167-00	239-45167-00	239-45167-00
3	Hot Water Outlet Anode Magnesium ♦	224-32731-99	224-32731-102	224-45035-02	224-32731-80	224-32731-100	224-32731-100
	Aluminum ♦	224-32999-26	224-32999-28	224-45036-01	224-32999-23	224-32999-27	224-32999-27
4	Cover Conduit/Ground	243-39451-00	243-39451-00	243-39451-00	243-39451-00	243-39451-00	243-39451-00
5	Cover Junction box	243-39452-00	243-39452-00	243-39452-00	243-39452-00	243-39452-00	243-39452-00
6	Heat Trap Insert (Inlet)	239-45073-00	239-45073-00	239-45073-00	239-45073-00	239-45073-00	239-45073-00
7	Cold Water Inlet Tube Polypropylene ♦♦	229-39625-27	229-39625-28	229-45031-01	229-39625-01	229-39625-02	229-39625-02
	Polysulfone (NC Code) ♦♦	229-39628-10	229-39628-31	229-45032-01	229-39628-01	229-39628-02	229-39628-02
8	Thermostat Protector (Large) ♦♦♦	223-40399-00	223-40399-00	223-40399-00	223-40399-00	223-40399-00	223-40399-00
9	Thermostat with High Limit (89T33) ▲	265-40695-00	265-40695-00	265-40695-00	265-40695-00	265-40695-00	265-40695-00
10	Thermostat Mounting Bracket	239-44479-00	239-44479-00	239-44479-00	239-44479-00	239-44479-00	239-44479-00
11	Heating Element 240V 4500W *	220-42544-08	220-42544-08	220-42544-08	220-42544-08	220-42544-08	220-42544-08
12	Heating Element Gasket	223-34019-00	223-34019-00	223-34019-00	223-34019-00	223-34019-00	223-34019-00
13	Access Cover	243-36618-02	243-36618-02	243-36618-02	243-36618-02	243-36618-02	243-36618-02
14	Thermostat Protector (Small) ▲	223-46286-00	223-46286-00	223-46286-00	223-46286-00	223-46286-00	223-46286-00
15	Thermostat (59T) *	265-46279-00	265-46279-00	265-46279-00	265-46279-00	265-46279-00	265-46279-00
16	Brass Drain Valve	265-42351-02	265-42351-02	265-42351-02	265-42351-02	265-42351-02	265-42351-02
17	Thermostat with High Limit (89T13) ▲	265-40694-00	265-40694-00	265-40694-00	265-40694-00	265-40694-00	265-40694-00
18	ASSE Approved Mixing Valve	239-43740-01	239-43740-01	239-43740-02	239-43740-01	239-43740-01	239-43740-01
19	Kit-Heat Trap Insert	265-45420-00	265-45420-00	265-45420-00	265-45420-00	265-45420-00	265-45420-00
20	Kit-Dairy Barn Leg	---	---	---	---	---	---

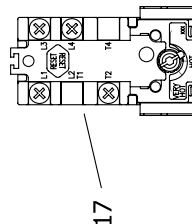
- ♦ Order with item 2.
- ♦♦ Order with item 6.
- ♦♦♦ For use with item 9 and item 17.
- ▲ For use with item 15.
- ▲▲ Thermostat protector provided with thermostat.
- * For other voltage and wattage combinations, refer to heating element parts list 238-46629-00.

- TOP LOCATION**
- Double element water heater, non-simultaneous single phase and three phase operation.

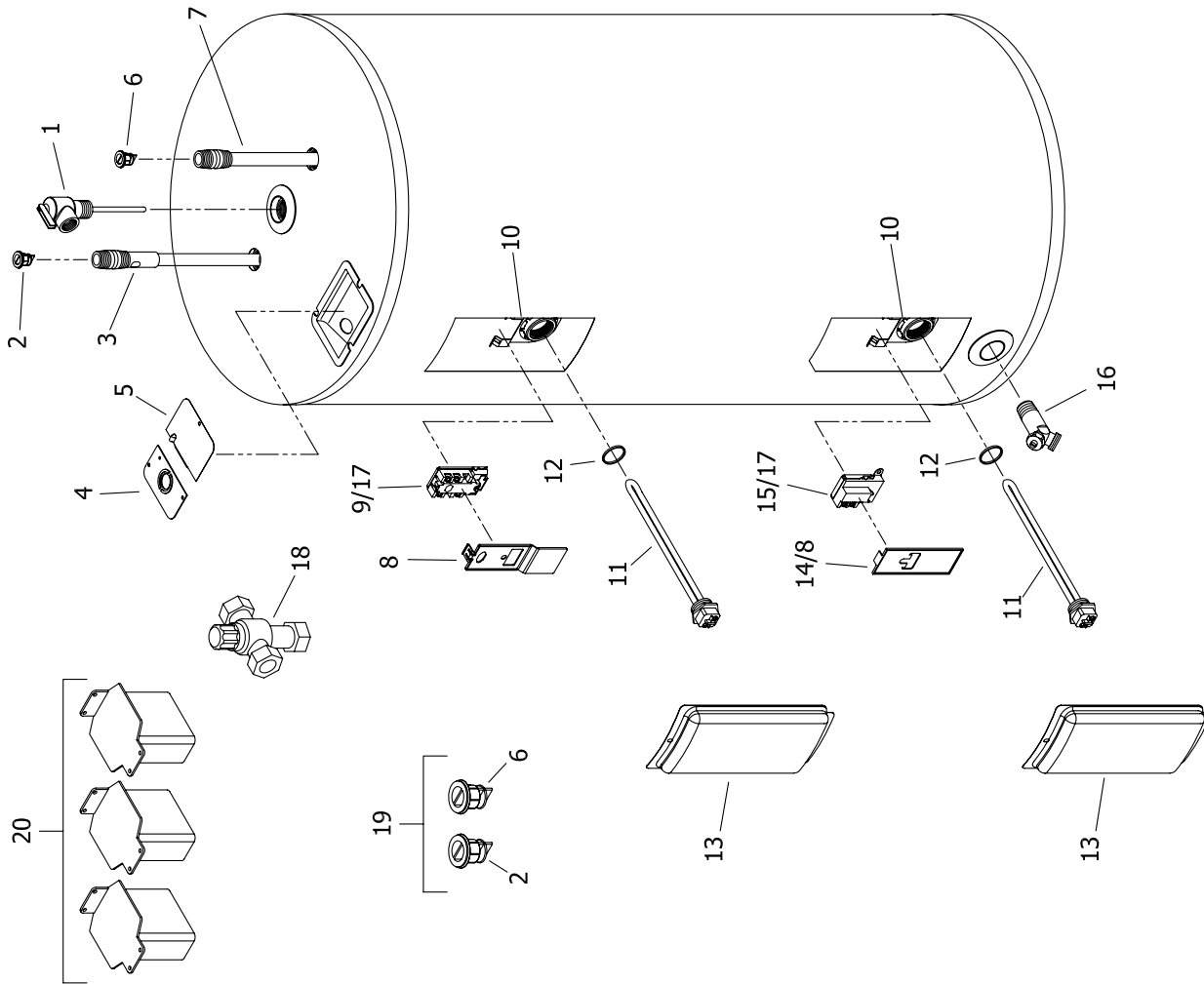
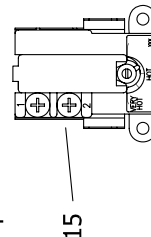


- TOP LOCATION**
- Double element water heater, simultaneous operation.

- BOTTOM LOCATION**
- Single element water heater.
 - Double element water heater, non-simultaneous three phase operation.
 - Double element water heater, simultaneous operation.

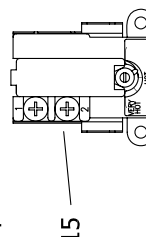


- BOTTOM LOCATION**
- Double element water heater, non-simultaneous single phase operation



Item	Description	Model M140L	Model M240L	Model M150L	Model M250L	Model M2HE40S	Model M2HE50S
1	T&P Relief Valve	230-32920-01	230-40594-02	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	239-45167-00	239-45167-00
3	Hot Water Outlet Anode Magnesium ♦	224-32731-100	224-32731-100	224-32731-100	224-32731-100	224-32731-98	224-32731-98
	Aluminum ♦	224-32999-27	224-32999-27	224-32999-27	224-32999-27	224-32999-24	224-32999-24
4	Cover Conduit/Ground	243-39451-00	243-39451-00	243-39451-00	243-39451-00	243-39451-00	243-39451-00
5	Cover Junction box	243-39452-00	243-39452-00	243-39452-00	243-39452-00	243-39452-00	243-39452-00
6	Heat Trap Insert (Inlet)	239-45073-00	239-45073-00	239-45073-00	239-45073-00	239-45073-00	239-45073-00
7	Cold Water Inlet Tube Polypropylene ♦♦	229-39625-02	229-39625-02	229-39625-02	229-39625-02	229-39625-25	229-39625-25
	Polysulfone (NC Code) ♦♦	229-39628-02	229-39628-02	229-39628-02	229-39628-02	229-39628-28	229-39628-28
8	Thermostat Protector (Large) ♦♦♦	223-40399-00	223-40399-00	223-40399-00	223-40399-00	223-40399-00	223-40399-00
9	Thermostat with High Limit (89T33) ▲	265-40695-00	265-40695-00	265-40695-00	265-40695-00	265-40695-00	265-40695-00
10	Thermostat Mounting Bracket	239-44479-00	239-44479-00	239-44479-00	239-44479-00	239-44479-00	239-44479-00
11	Heating Element 240V 4500W *	220-42544-08	220-42544-08	220-42544-08	220-42544-08	220-42544-08	220-42544-08
12	Heating Element Gasket	223-34019-00	223-34019-00	223-34019-00	223-34019-00	223-34019-00	223-34019-00
13	Access Cover	243-36618-02	243-36618-02	243-36618-02	243-36618-02	243-36618-02	243-36618-02
14	Thermostat Protector (Small) ▲	223-46286-00	223-46286-00	223-46286-00	223-46286-00	223-46286-00	223-46286-00
15	Thermostat (59T) *	265-46279-00	265-46279-00	265-46279-00	265-46279-00	265-46279-00	265-46279-00
16	Brass Drain Valve	265-42351-02	265-42351-02	265-42351-02	265-42351-02	265-42351-02	265-42351-02
17	Thermostat with High Limit (89T13) ▲	265-40694-00	265-40694-00	265-40694-00	265-40694-00	265-40694-00	265-40694-00
18	ASSE Approved Mixing Valve	239-43740-01	239-43740-01	239-43740-01	239-43740-01	239-43740-01	239-43740-01
19	Kit-Heat Trap Insert	265-45420-00	265-45420-00	265-45420-00	265-45420-00	265-45420-00	265-45420-00
20	Kit-Dairy Barn Leg	---	---	---	---	---	---

- ♦ Order with item 2.
- ♦♦ Order with item 6.
- ♦♦♦ For use with item 9 and item 17.
- ▲ For use with item 15.
- ▲▲ Thermostat protector provided with thermostat.
- * For other voltage and wattage combinations, refer to heating element parts list 238-46629-00.



Item	Description	Model M2HE65R	Model M2HE80R	Model DB80R
1	T&P Relief Valve	230-40594-02	230-40594-02	230-32920-01
2	Heat Trap Insert (Outlet)	239-45167-00	239-45167-00	239-45167-00
3	Hot Water Outlet Anode Magnesium ♦	224-32731-102	224-32731-102	224-32731-84
	Aluminum ♦	224-32999-28	224-32999-28	224-32999-07
4	Cover Condiut/Ground	243-39451-00	243-39451-00	243-39451-00
5	Cover Junction box	243-39452-00	243-39452-00	243-39452-00
6	Heat Trap Insert (Inlet)	239-45073-00	239-45073-00	239-45073-00
7	Cold Water Inlet Tube Polypropylene ♦♦	229-39625-28	229-39625-28	229-39625-09
	Polysulfone (NC Code) ♦♦	229-39628-31	229-39628-31	229-39628-09
8	Thermostat Protector (Large) ♦♦♦	223-40399-00	223-40399-00	223-40399-00
9	Thermostat with High Limit (89T33) ▲▲	265-40695-00	265-40695-00	265-46281-00
10	Thermostat Mounting Bracket	239-44479-00	239-44479-00	239-44479-00
11	Heating Element 240V 4500W *	220-42544-08	220-42544-08	220-42544-08
12	Heating Element Gasket	223-34019-00	223-34019-00	223-34019-00
13	Access Cover	243-36618-02	243-36618-02	243-36618-02
14	Thermostat Protector (Small) ▲	223-46286-00	223-46286-00	223-46286-00
15	Thermostat (59T) *	265-46279-00	265-46279-00	265-46280-00
16	Brass Drain Valve	265-42351-02	265-42351-02	265-42351-02
17	Thermostat with High Limit (89T13) ▲▲	265-40694-00	265-40694-00	265-46282-00
18	ASSE Approved Mixing Valve	239-43740-01	239-43740-01	239-43740-01
19	Kit-Heat Trap Insert	265-45420-00	265-45420-00	265-45420-00
20	Kit-Dairy Barn Leg	---	---	243-41706-00

♦ Order with item 2.

♦♦ Order with item 6.

♦♦♦ For use with item 9 and item 17.

▲ For use with item 15.

▲▲ Thermostat protector provided with thermostat.

* For other voltage and wattage combinations, refer to heating element parts list 238-46629-00.

NOTES

20 horizontal dashed lines for notes.

This image shows a full page of handwriting practice paper. It features 18 horizontal dashed lines spaced evenly across the page, providing a guide for letter height and placement. The lines are light gray and extend from the left margin to the right edge of the page. There are no margins, text, or other markings on the paper.



Ambler, PA

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

Sales/800-523-2931
Fax/215-641-1670

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Technical Support/800-334-3393
Fax/269-795-1089

Warranty/800-531-2111
Fax/269-795-1089

International:
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Telefax/215-641-9750



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905-238-0100
Fax/905-238-0105

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