



RESIDENTIAL SOLAR REPLACEMENT PARTS LIST

“MS” Series Models



Models Covered:

MS65R*SS

MS80R*SS

MS120R*SS

(*) Denotes Warranty Years

Includes Hydrojet®
Total Performance System

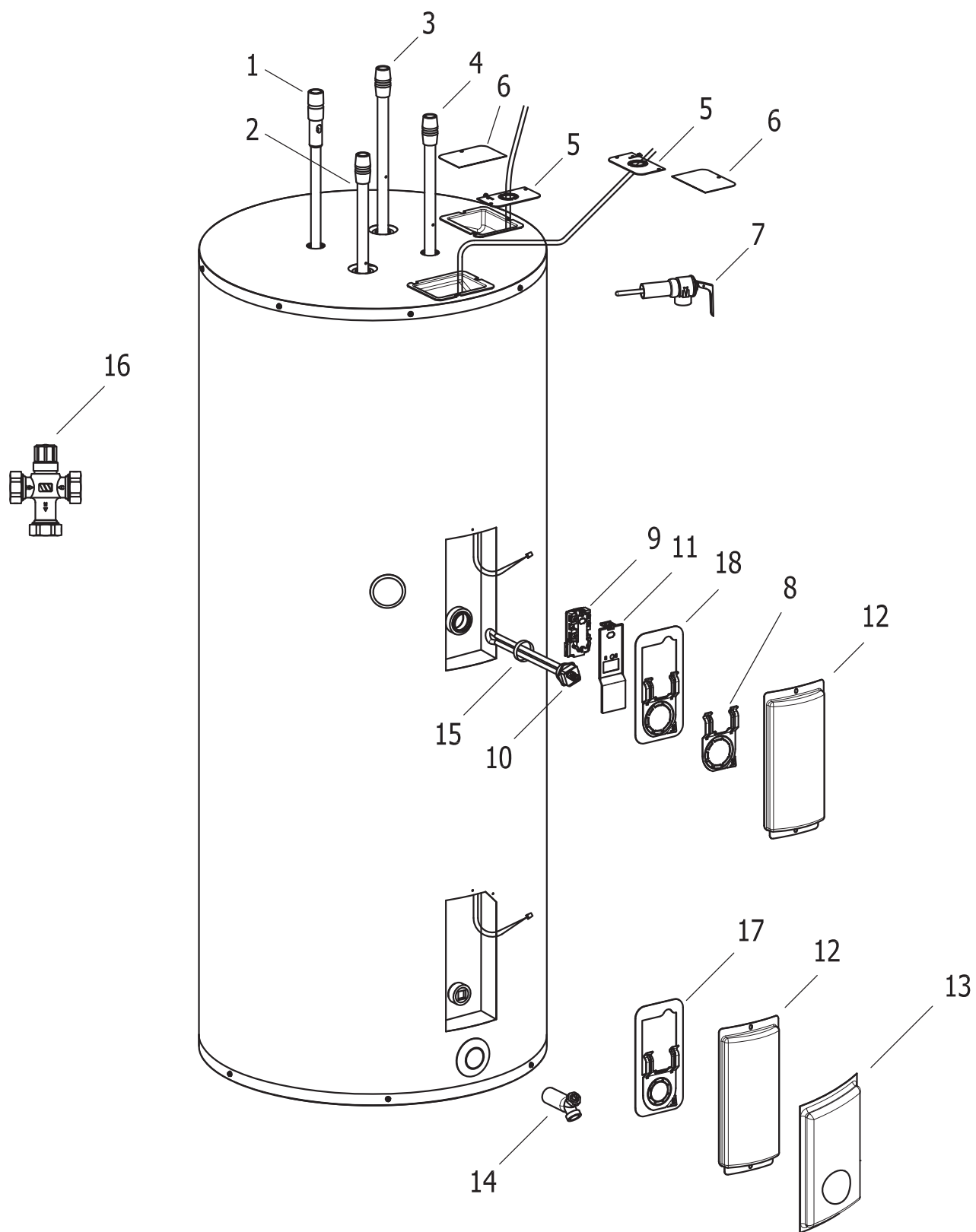
Effective: August, 2020
ECO 8255

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.



Item	Description	Model	Model	Model
		MS65R*SS	MS80R*SS	MS120R*SS
1	Hot Outlet Anode Magnesium	224-47776-12	224-47776-13	224-47776-19
2	Dip Tube Pump Suction Polypropylene	229-51534-06	229-51534-06	229-51534-18
	Polysulfone	229-51534-06	229-51534-06	229-51230-22
3	Dip Tube Collector Return Polypropylene	229-51534-05	229-51534-05	229-51534-17
	Polysulfone	229-51534-05	229-51534-05	229-51534-17
4	Dip Tube Cold Water Inlet Polypropylene	229-51230-23	229-51230-23	229-51230-22
	Polysulfone	229-51230-23	229-51230-23	229-51230-22
5	Cover Conduit/Ground	243-39451-00	243-39451-00	243-39451-00
6	Cover Junction Box	243-39452-00	243-39452-00	243-39452-00
7	T&P Valve	230-40594-02	230-40594-02	230-40594-02
8	Solar/Thermostat Mounting Bracket	415-50689-00 ¹	415-50689-00 ¹	415-50689-00 ¹
9	Thermostat with High Limit	219-50691-00	219-50691-00	219-50691-00
10	Heating Element 240V/4500W	415-48642-00	415-48642-00	415-48642-00
11	Thermostat Protector	223-40399-00	223-40399-00	223-40399-00
12	Access Cover	243-36618-02	243-36618-02	243-36618-02
13	Access Cover w/Collector Supply Opening	- - -	243-41246-00	243-41246-00
14	Brass Drain Valve	265-42351-02	265-42351-02	265-42351-02
15	Element Gasket	223-34019-00	223-34019-00	223-34019-00
16	ASSE Approved Mixing Valve	239-51778-00	239-51778-00	239-51778-00
17	Solar Bracket	243-51282-01 ²	243-51282-01 ²	243-51282-01 ²
18	Solar/Thermostat Mounting Bracket	243-51282-02 ²	243-51282-02 ²	243-51282-02 ²

* Denotes Warranty Years

¹ For Serial Numbers Prior to GL14189366

² For Serial Numbers After and Including GL14189366

Heating Elements (Incoloy):

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

Element wrench *** 415-35897-12

Adapt-a-flange kit *** 265-36968-12

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

^ Element gaskets should be ordered with elements.

Heating Elements (Copper):

Wattage	120 Volt	208 Volt	240 Volt	277 Volt	380 Volt	415 Volt	480 Volt	600 Volt
1000W	415-42540-01	415-42544-01	415-42546-01	N/A	N/A	N/A	N/A	N/A
1250W	N/A	N/A	415-42544-13	N/A	N/A	N/A	N/A	N/A
1500W	415-42540-02	415-42544-03	415-42544-01	415-42546-01	415-42551-12	N/A	415-42553-09	N/A
1500W (LWD)	415-42540-03	N/A	415-42544-02	N/A	N/A	N/A	N/A	N/A
2000W	415-42540-04	415-42544-04	415-42544-03	415-42547-07	415-42549-04	415-42551-12	415-42553-01	N/A
2500W	415-42540-05	415-42544-06	415-42544-04	415-42547-11	415-42551-13	415-42549-04	415-42553-10	N/A
3000W	415-42540-07	415-42544-14	415-42544-15	415-42547-08	415-42551-10	415-42551-13	415-42553-08	N/A
3500W	N/A	415-42544-08	415-42544-06	N/A	415-42551-14	415-42551-10	N/A	N/A
3800W	N/A	N/A	415-42546-10	N/A	N/A	N/A	N/A	N/A
4000W	N/A	415-42544-16	415-42544-14	415-42547-03	415-42551-16	415-42551-14	415-42553-03	N/A
4500W	N/A	415-42544-12	415-42544-08	415-42547-12	415-42551-17	415-42551-15	415-42553-11	N/A
4500W (LWD)	N/A	N/A	220-51333-08	N/A	N/A	N/A	N/A	N/A
5000W	N/A	415-42543-04	415-42544-10	415-42546-10	415-42551-18	415-42551-16	415-42553-12	N/A
5500W	N/A	415-42543-05	415-42544-16	N/A	415-42549-06	415-42551-17	N/A	N/A
6000W	N/A	415-42543-06	415-42544-12	415-42547-14	415-42549-05	415-42551-18	415-42553-14	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

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

Element wrench *** 415-35897-12

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Heating Elements (Copper):

Wattage	120 Volt	208 Volt	240 Volt	277 Volt	380 Volt	415 Volt	480 Volt	600 Volt
1000W	415-42540-01	415-42544-01	415-42546-01	N/A	N/A	N/A	N/A	N/A
1250W	N/A	N/A	415-42544-13	N/A	N/A	N/A	N/A	N/A
1500W	415-42540-02	415-42544-03	415-42544-01	415-42546-01	415-42551-12	N/A	415-42553-09	N/A
1500W (LWD)	415-42540-03	N/A	415-42544-02	N/A	N/A	N/A	N/A	N/A
2000W	415-42540-04	415-42544-04	415-42544-03	415-42547-07	415-42549-04	415-42551-12	415-42553-01	N/A
2500W	415-42540-05	415-42544-06	415-42544-04	415-42547-11	415-42551-13	415-42549-04	415-42553-10	N/A
3000W	415-42540-07	415-42544-14	415-42544-15	415-42547-08	415-42551-10	415-42551-13	415-42553-08	N/A
3500W	N/A	415-42544-08	415-42544-06	N/A	415-42551-14	415-42551-10	N/A	N/A
3800W	N/A	N/A	415-42546-10	N/A	N/A	N/A	N/A	N/A
4000W	N/A	415-42544-16	415-42544-14	415-42547-03	415-42551-16	415-42551-14	415-42553-03	N/A
4500W	N/A	415-42544-12	415-42544-08	415-42547-12	415-42551-17	415-42551-15	415-42553-11	N/A
4500W (LWD)	N/A	N/A	220-51333-08	N/A	N/A	N/A	N/A	N/A
5000W	N/A	415-42543-04	415-42544-10	415-42546-10	415-42551-18	415-42551-16	415-42553-12	N/A
5500W	N/A	415-42543-05	415-42544-16	N/A	415-42549-06	415-42551-17	N/A	N/A
6000W	N/A	415-42543-06	415-42544-12	415-42547-14	415-42549-05	415-42551-18	415-42553-14	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

^ Element gaskets should be ordered with elements.



United States

Sales 800-523-2931

Technical Support 800-334-3393

Email techserv@bradfordwhite.com

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Email warranty@bradfordwhite.com

Service Parts 800-538-2020

Email parts@bradfordwhite.com

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Fax 905-636-0666

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Service Parts orders@bradfordwhitecanada.com

Orders ca.orders@bradfordwhite.com

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

International

General Contact international@bradfordwhite.com