

# A. O. SMITH

## WATER PRODUCTS COMPANY

PSD-3-142/D

# GAS

### COMMERCIAL WATER HEATERS REPLACEMENT PARTS LIST

#### DURA-MAX MODELS

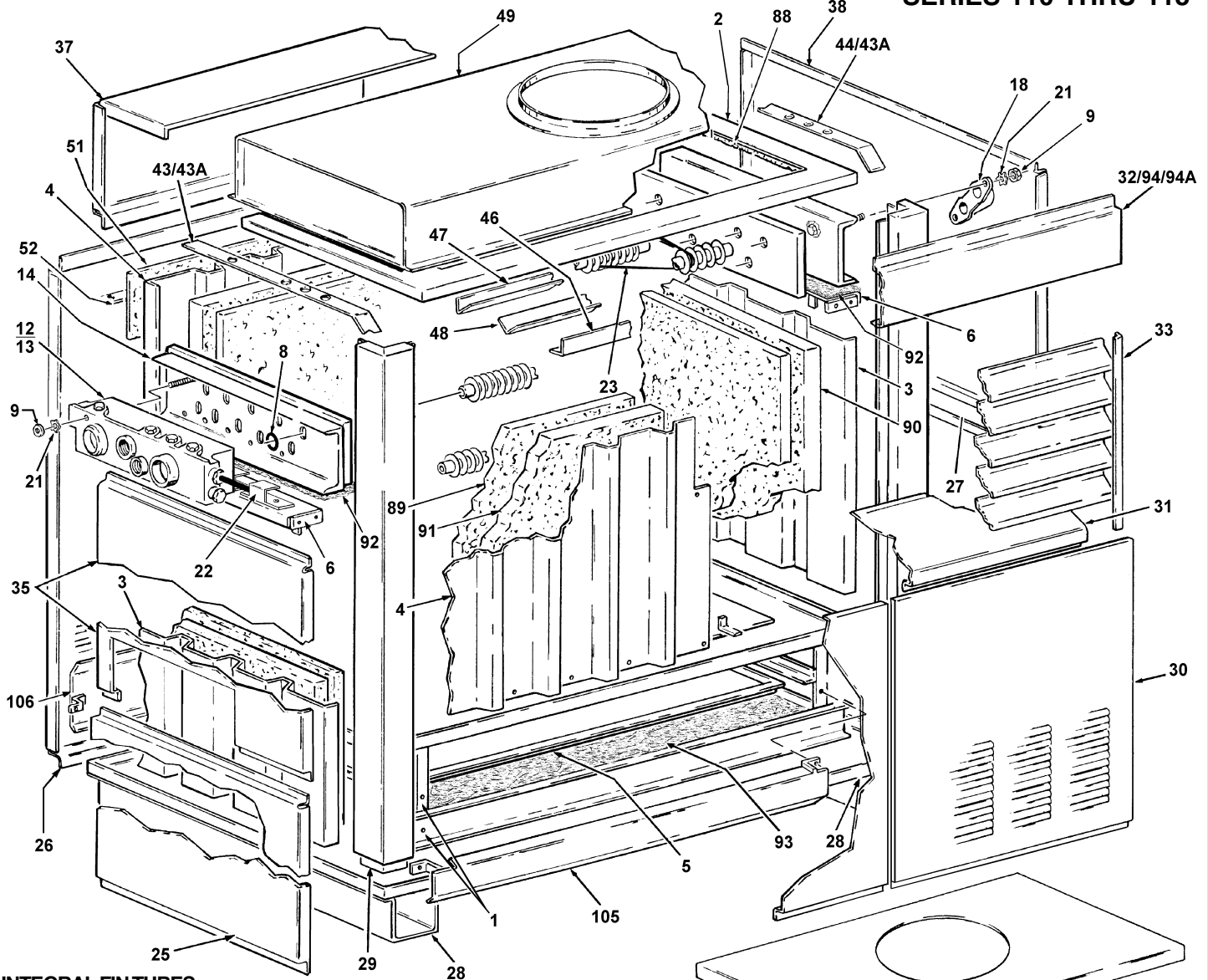
DB/DW-720 THRU 1350:

SERIES 120 THRU 128

DB/DW-1480 THRU 1810:

SERIES 110 THRU 118

**PART ONE:** Models DB/DW-720 THRU 1350 See pages 1-4  
**PART TWO:** Models DB/DW-1480 THRU 1810 See pages 5-8



**INTEGRAL FIN TUBES:**

- DB/DW-720, 840, 960 Requires 6 Top Tubes/6 Bottom Tubes
  - DB/DW-1080 Thru DB/DW-1350 Requires 8 Top Tubes/8 Bottom Tubes
- NOTE: Top Tubes contain 7 fins per inch, Bottom Tubes contain 5 fins per inch.

**Item # 88: 1/8" DURAMAX INSULATION PAD:**

DB/DW-720	28 Ft.	69227-28	DB/DW-1350	37 Ft.	69227-37
DB/DW-840	30.5 Ft.	69227-31	DB/DW-1480	33 Ft.	69227-33
DB/DW-960	33 Ft.	69227-33	DB/DW-1610	35 Ft.	69227-35
DB/DW-1080	32 Ft.	69227-32	DB/DW-1810	37.5 Ft.	69227-38
DB/DW-1210	34.5 Ft.	69227-35			

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**SINGLE STAGE OPTION SHOWN:**

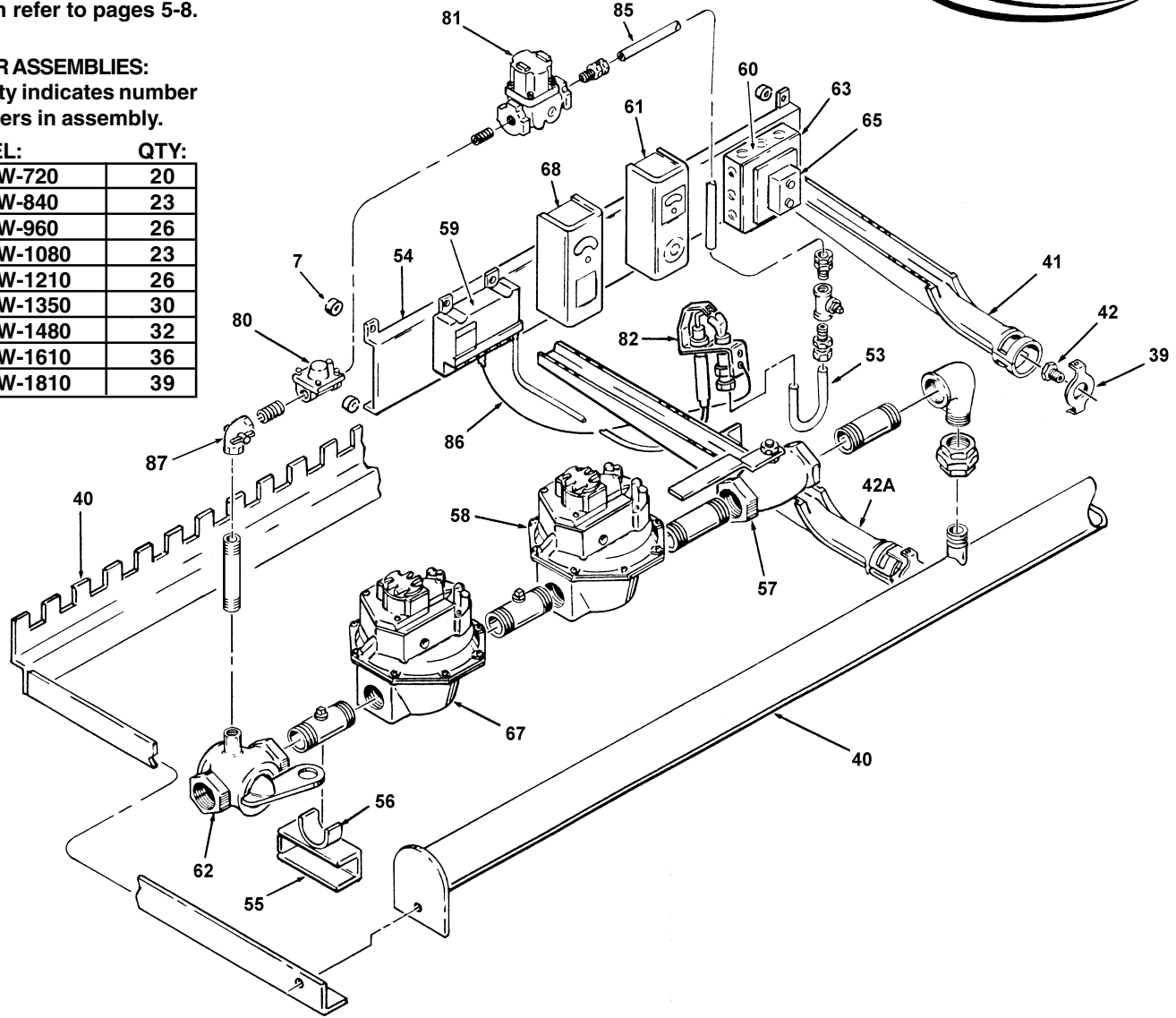
- Models DB/DW 720 thru 1350 refer to *Part One* illustrations & numbering system refer to pages 1-4.
- For SINGLE STAGE Models DB/DW 1480 thru 1810 refer to *Part Two* illustrations & numbering system refer to pages 5-8.



**BURNER ASSEMBLIES:**

\*Quantity indicates number of burners in assembly.

MODEL:	QTY:
DB/DW-720	20
DB/DW-840	23
DB/DW-960	26
DB/DW-1080	23
DB/DW-1210	26
DB/DW-1350	30
DB/DW-1480	32
DB/DW-1610	36
DB/DW-1810	39



**PART 1: Models DB/DW-720 THRU 1350**

Part numbers underlined are recommended stock items.

ITEM	DESCRIPTION	DM-720	DM-840	DM-960	DM-1080	DM-1210	DM-1350
<b>CHASSIS</b>							
1	CHASSIS BASE FRAME ASS'Y .....	200193	200236	200166	200195	200408	200232
2	CHASSIS TOP FRAME RAIL ASS'Y .....	200620	200620-1	200620-2	200620-3	200620-4	200722
3	CORRUGATED CHASSIS END PANELS .....	200186	200186	200186	200493	200493	200493
4	CORRUGATED CHASSIS SIDE PANELS .....	200185	200185-1	200185-2	200185-3	200185-4	200185-5
5	DRIP TRAY .....	200150	200150-1	200150-2	200621	200170-1	200621-1
6	HEAT EXCHANGER CHASSIS SUPPORT .....	200622	200622	200622	200622-1	200622-1	200622-1
7	INSULATOR .....	32779-1	32779-1	32779-1	32779-1	32779-1	32779-1
<b>HEAT EXCHANGER</b>							
8	"O" RING SEALS .....	<u>200133</u>	<u>200133</u>	<u>200133</u>	<u>200133</u>	<u>200133</u>	<u>200133</u>
9	3/8-16 HEX NUT .....	20099-1	20099-1	20099-1	20099-1	20099-1	20099-1
12	INLET/OUTLET MANIFOLD STANDARD UNITS .....	200691-1	200691-1	200691-1	200692-1	200692-1	200692-1
13	INLET/OUTLET MANIFOLD MODULATING OR UNITS WITH GUAGES .....	200691	200691	200691	200692	200692	200692
14	HEAT EXCHANGER .....	SEE COMPLETE HEAT EXCHANGER TABLE ON PAGE 8					
18	RETURN BENDS .....	200699-1	200699-1	200699-1	200699-1	200699-1	200699-1
21	SHAKE PROOF WASHER .....	200366	200366	200366	200366	200366	200366
22	HEAT EXCHANGER SUPPORT .....	200582	200582	200582	200583	200583	200583
23	HEAT EXCHANGER SUPPORT WIRE (8 PCS.) NA .....	NA	NA	NA	NA	NA	200587-21

ITEM	DESCRIPTION	DM-720	DM-840	DM-960	DM-1080	DM-1210	DM-1350
<b>CABINET</b>							
25	BOTTOM LEFT SIDE CABINET PANEL .....	200151	200151	200151	200174	200174	200174
26	BOTTOM REAR COVER PANEL .....	200153	200234	200155	200177	200391	200221
27	BOTTOM RIGHT SIDE CABINET PANEL .....	200157	200157	200157	200176	200176	200176
28	CABINET BASE ASS'Y .....	200167-3	200167-4	200167-5	200197-3	200197-4	200197-5
29	CORNER POSTS .....	200158-5	200158-5	200158-5	200158-6	200158-6	200158-6
30	FRONT ACCESS PANEL .....	211160	211161	211162	211163	211164	211165
31	FRONT INCLINE PANEL .....	211166	211166-1	211166-2	211166-3	211166-4	211166-5
32	FRONT TOP PANEL .....	200321	200321-1	200321-2	200321-3	200321-4	200321-5
33	LOUVER ASS'Y - FRONT .....	211174	211174-1	211174-2	211175	211175-1	211175-2
34	LOUVER ASS'Y - REAR .....				200344	200344-1	200344-2
35	TOP LEFT SIDE CABINET PANEL .....	200159	200159	200159	200173	200173	200173
36	TOP PANEL ASS'Y .....	200623	200623-1	200623-2	200623-3	200623-4	200623-5
37	TOP REAR CABINET PANEL .....	200300	200300-1	200300-2	200351	200351-1	200351-2
38	TOP RIGHT SIDE CABINET PANEL .....	200161	200161	200161	200175	200175	200175
<b>BURNER TRAY</b>							
39	BURNER CLIPS .....	98044	98044	98044	98044	98044	98044
40	BURNER TRAY ASS'Y .....	200449	200287	200422	200523	200523-1	200523-2
41	BURNERS STAINLESS STEEL .....	200559	200559	200559	69509	69509	192322-1
42	ORIFICES (SEA LEVEL) .....	29366-35	29366-35	29366-34	29366-31	29366-31	29366-31
42A	BURNER WITH PILOT BRACKET ASS'Y .....	200560	200560	200560	69510-2	69510-2	192323-1
<b>FLUE COLLECTOR AND DRAFT HOOD</b>							
43	DRAFT COVER LEFT SIDE (W/PROBE HOLES) .....	211173	211173	211173	211173-1	211173-1	211173-1
43A	DRAFT COVER LEFT SIDE OR RIGHT SIDE (W/O PROBE HOLES) .....	211168	211168	211168	211168-1	211168-1	211168-1
44	DRAFT COVER RIGHT SIDE (W/PROBE HOLES) .....	211170	211170	211170	211169	211169	211169
45	DRAFT HOOD .....	200291	200291-1	200291-2	200291-3	200291-4	200291-5
46	END FLUE BAFFLE - FRONT .....	200514	200514-1	200514-2	200515	200515-1	200515-2
47	END FLUE BAFFLE - REAR .....	200439	200439-1	200439-2	200440	200440-1	200440-2
48	FLUE BAFFLES .....	200438	200438-1	200438-2	200438-1	200438-2	200438-3
49	FLUE COLLECTOR ASSEMBLY .....	200381	200381-1	200381-2	200381-3	200381-4	200381-5
50	FLUE RISER ASSEMBLY .....	200382	200382-1	200382-1	200206-2	200206-3	200206-3
51	REAR DRAFT BLANKET .....	200298	200298-1	200298-2	200298-1	200298-2	200298-3
52	REAR DRAFT RETAINING STRIP .....	200299	200299-1	200299-2	200299-1	200299-2	200299-3
<b>GAS CONTROL</b>							
53	PILOT TUBE .....	99528-1	99528-1	99528-1	99528-1	99528-1	99528-1
54	CONTROL MOUNTING PANEL .....	200367	200367	200367	200367	200367	200367
55	CONTROL STRING SUPPORT .....	200365	200365	200365	200365	200365	200365
56	CONTROL STRING SUPPORT CLIP .....	200389	200389	200389	200389	200389-1	200389-1
57	FIRING VALVE .....	69009-2	69009-2	69009-2	69009-2	69010-2	69010-2
59	IGNITION MODULE .....	191182-2	191182-2	191182-2	191182-2	191182-2	191182-2
60a	JUNCTION BOX - DB MODELS .....	93558	93558	93558	93558	93558	93558
60b	JUNCTION BOX - DW MODELS .....	200655	200655	200655	200655	200655	200655
60c	JUNCTION BOX COVER - DW MODELS .....	200660-1	200660-1	200660-1	200660-1	200660-1	200660-1
62	MANUAL VALVE .....	3423-1	3423-1	3423-1	3423-1	96479-3	96479-3
63	THERMAL BALANCER .....	98190	98190	98190	98190	98190	98190
65a	TRANSFORMER - DB MODELS .....	69170-10	69170-10	69170-10	69170-10	69170-10	69170-10
65b	TRANSFORMER - DW MODELS .....	69170-11	69170-11	69170-11	69170-11	69170-11	69170-11
66	WIRING HARNESS .....	200530	200530	200530	200530	200530	200530
<b>SINGLE STAGE</b>							
58	REDUNDANT GAS VALVE .....	78482-1	78482-1	78482-1	78482-1	78482-2	78482-2
67	GAS VALVE .....	69388	69388	69388	69388	69387	69387
68	CONTROL COMBINATION HIGH LIMIT .....	192403	192403	192403	192403	192403	192403
68A	THERMOWELL .....	95545-1	95545-1	95545-1	95545-1	95545-1	95545-1
<b>DUAL STAGE (NOT SHOWN)</b>							
58	REDUNDANT GAS VALVE .....	78482-1	78482-1	78482-1	78482-1	78482-2	78482-2
61	MANUAL RESET HIGH LIMIT .....	200164	200164	200164	200164	200164	200164

ITEM	DESCRIPTION	DM-720	DM-840	DM-960	DM-1080	DM-1210	DM-1350
<b>DUAL STAGE (NOT SHOWN) - CONTINUED</b>							
61A	THERMOWELL .....	69039-1	69039-1	69039-1	69039-1	69039-1	69039-1
69	CONTROL LIMIT .....	<u>97474-1</u>	<u>97474-1</u>	<u>97474-1</u>	<u>97474-1</u>	<u>97474-1</u>	<u>97474-1</u>
70	GAS VALVE .....	69392	69392	69392	69392	69390	69390
<b>MODULATING (NOT SHOWN)</b>							
67	GAS VALVE .....	<u>69388</u>	<u>69388</u>	<u>69388</u>	<u>69388</u>	<u>69387</u>	<u>69387</u>
71	ACTUATOR .....	69164	69164	69164	69164	69164	69164
74	CONTROL COMBINATION HIGH LIMIT .....	<u>192403</u>	<u>192403</u>	<u>192403</u>	<u>192403</u>	<u>192403</u>	<u>192403</u>
74A	THERMOWELL .....	<u>95545-1</u>	<u>95545-1</u>	<u>95545-1</u>	<u>95545-1</u>	<u>95545-1</u>	<u>95545-1</u>
75	SPST RELAY .....	69418	69418	69418	69418	69418	69418
76	TEMPERATURE CONTROL-DB .....	69165-1	69165-1	69165-1	69165-1	69165-1	69165-1
	TEMPERATURE CONTROL-DW .....	69215-1	69215-1	69215-1	69215-1	69215-1	69215-1
76A	THERMOWELL .....	69217	69217	69217	69217	69217	69217
77	VALVE BODY .....	99860-1	99860-1	99860-1	99860-1	99860-2	99860-2
<b>PILOT ASSEMBLY</b>							
80	REGULATOR .....	99382	99382	99382	99382	99382	99382
81	SOLENOID VALVE .....	<u>77782-3</u>	<u>77782-3</u>	<u>77782-3</u>	<u>77782-3</u>	<u>77782-3</u>	<u>77782-3</u>
82	PILOT ASSEMBLY .....	210871-2	210871-2	210871-2	210871-2	210871-2	210871-2
85	PILOT TUBE (ALUMINUM) .....	<u>1417-60</u>	<u>1417-60</u>	<u>1417-60</u>	<u>1417-60</u>	<u>1417-60</u>	<u>1417-60</u>
86	GROUND WIRE .....	<u>170889-69</u>	<u>170889-69</u>	<u>170889-69</u>	<u>170889-69</u>	<u>170889-69</u>	<u>170889-69</u>
87	VALVE-PILOT 90° .....	200683	200683	200683	200683	200683	200683
<b>INSULATION KITS</b>							
	(w/o *Flue Collector & *Heat Exchanger Insulation)	210045	210045-1	210045-2	210045-3	210045-4	210045-5
88	*FLUE COLLECTOR INSULATION .....	69227-1(28)	69227-1(31)	69227-1(33)	69227-1(32)	69227-1(35)	69227-1(37)
89	INSULATION - HIGH TEMP. BOARD .....	200239(2)	200239-1(2)	200239-2(2)	200239-4(2)	200239-5(2)	200239-7(2)
	INSULATION - HIGH TEMP. BOARD .....			200239-3(2)		200239-6(2)	200239-8(2)
	INSULATION - HIGH TEMP. BOARD .....	200240(2)	200240(2)	200240(2)	200240-1(2)	200240-1(2)	200240-1(2)
90	INSULATION - LOW TEMP. END BOARD .....	200238(2)	200238(2)	200238(2)	200238-1(2)	200238-1(2)	200238-1(2)
	INSULATION - LOW TEMP. END BOARD .....	NA	200238-3(2)	NA	NA	NA	NA
91	INSULATION - LOW TEMP. SIDE BOARD .....	210044(2)	210044-1(2)	210044-1(2)	210044-4(2)	210044-5(2)	210044-5(2)
	INSULATION - LOW TEMP. SIDE BOARD .....			210044-3(2)		210044-6(2)	210044-8(2)
92	*HEAT EXCHANGER INSULATION .....	69294-3(2)	69294-3(2)	69294-3(2)	69294-3(2)	69294-3(2)	69294-3(2)
93	INSULATION .....	210550	210550-1	210550-2	210550-3	210550-4	210550-5
<b>GAUGE PACKAGE</b>							
94	GAUGE PANEL (Left Hand Water) .....	200296	200296-1	200296-2	200296-3	200296-4	200296-5
94A	GAUGE PANEL (Right Hand Water) .....	200296-6	200296-7	200296-8	200296-9	200296-10	200296-11
95	PRESSURE GAUGE .....	5120	5120	5120	5120	5120	5120
96	TEMPERATURE GAUGE .....	5119	5119	5119	5119	5119	5119
<b>RELIEF VALVE</b>							
97	HOT WTR. SUPPLY BOILER (DW)-125psi .....	98883-3	98883-3	98883-3	98883-3	98883-3	98883-3
98	HOT WTR. HEATING BOILER (DB)-50psi .....	210451	210451	210451-1	210451-1	210451-1	210451-2
<b>MISCELLANEOUS/OPTIONAL</b>							
100	BURNER TOP HEAT SHIELD .....				200333	200333-1	200333-2
101	DRAIN VALVE .....	26273-5	26273-5	26273-5	26273-5	26273-5	26273-5
104	FLOW SWITCH .....	211480	211480	211480	211480	211480	211480
105	HEAT SHIELD - FRONT .....	200421	200421-1	200421-2	200335	200335-1	200335-2
106	HEAT SHIELD - REAR .....	200450	200450-1	200450-2	200330	200330-1	200330-2
107	INSTALLATION MANUAL .....	211171	211171	211171	211171	211171	211171
108	LOW WATER CUTOFF .....	99915-1	99915-1	99915-1	99915-1	99915-1	99915-1
109	THERMAL BALANCER .....	98190	98190	98190	98190	98190	98190
110	THERMOMETERS .....	93042	93042	93042	93042	93042	93042
111	USER MANUAL .....	200378-1	200378-1	200378-1	200378-1	200378-1	200378-1
112	SWITCH ON/OFF .....	200581	200581	200581	200581	200581	200581

\*Feet of insulation required.

Part numbers underlined are recommended stock items.

## PART 2: Models DB/DW-1480 THRU 1810



### INTEGRAL FIN TUBES:

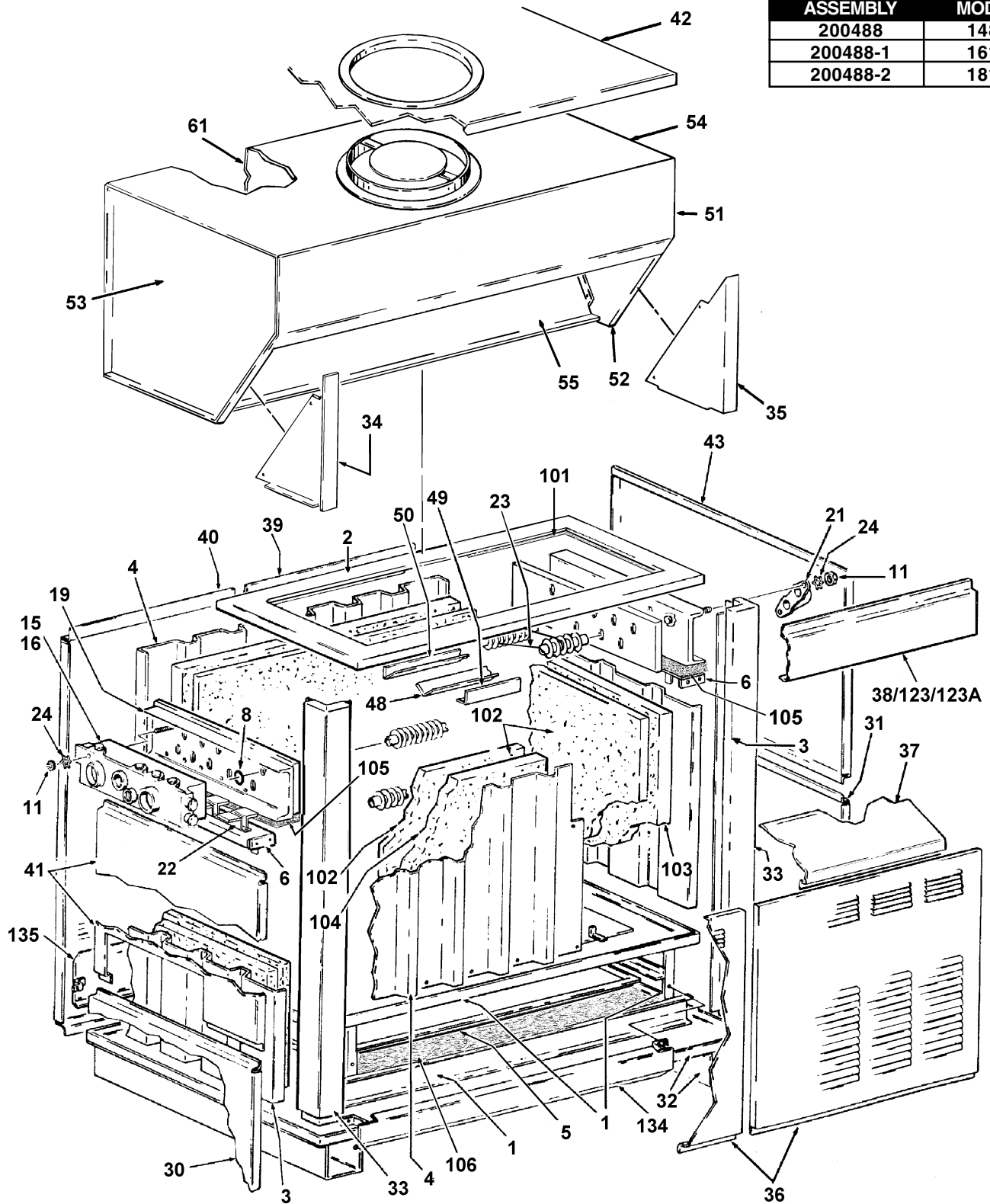
- DB/DW-1480 Thru DB/DW-1810
- Requires 8 Top Tubes/8 Bottom Tubes

NOTE: Top Tubes contain 7 fins per inch,  
Bottom Tubes contain 5 fins per inch.

### Item # 101: 1/8" DURAMAX INSULATION PAD:

DB/DW-1480	33 Ft.	69227-33
DB/DW-1610	35 Ft.	69227-35
DB/DW-1810	37.5 Ft.	69227-38

DRAFTHOOD ASSEMBLY	MODEL
200488	1480
200488-1	1610
200488-2	1810



**MODULATING OPTION SHOWN:**

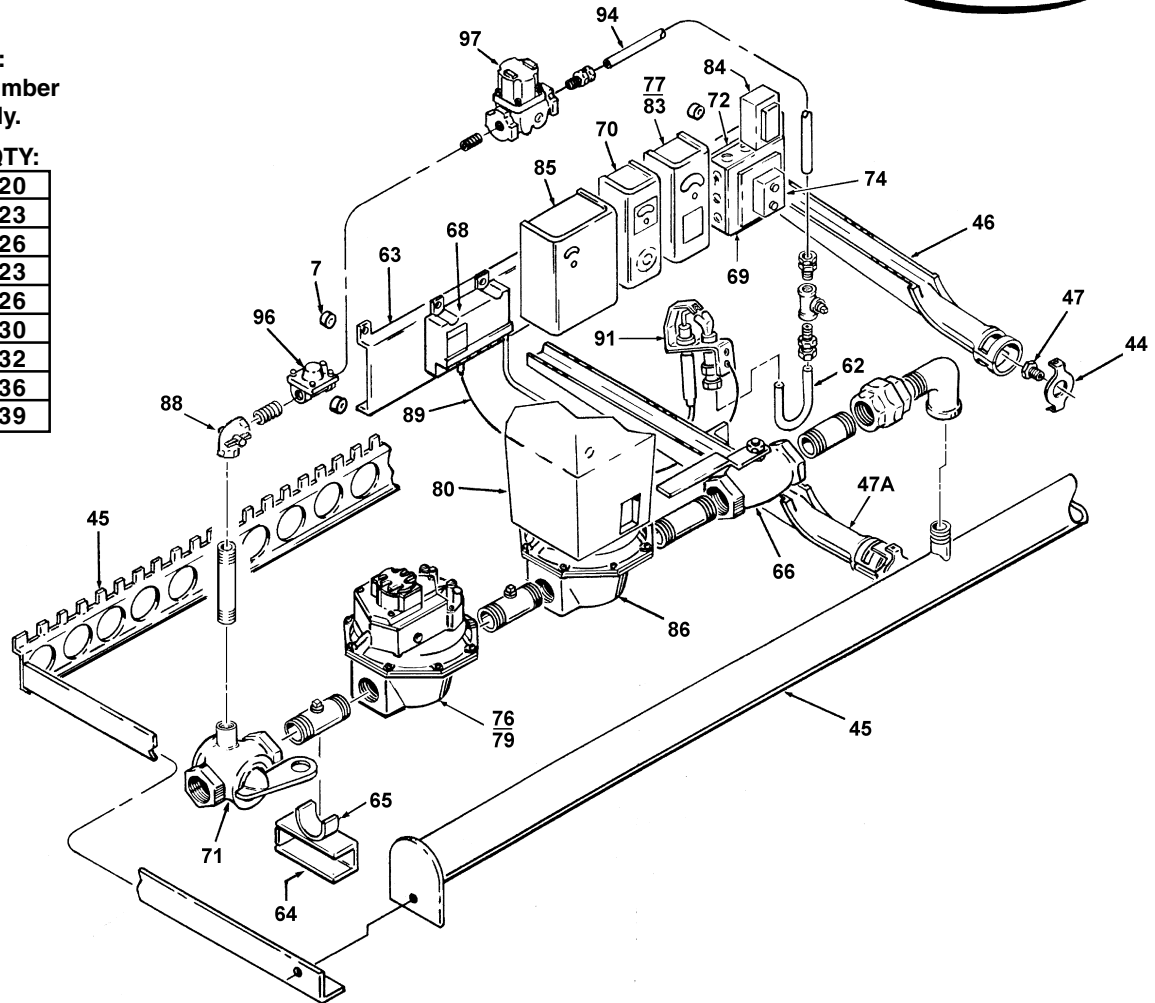
- For MODULATING Models DB/DW 720 thru 1350 refer to *Part One* illustrations & numbering system refer to pages 1-4.
- Models DB/DW 1480 thru 1810 refer to *Part Two* illustrations & numbering system refer to pages 5-8.



**BURNER ASSEMBLIES:**

\*Quantity indicates number of burners in assembly.

MODEL:	QTY:
DB/DW-720	20
DB/DW-840	23
DB/DW-960	26
DB/DW-1080	23
DB/DW-1210	26
DB/DW-1350	30
DB/DW-1480	32
DB/DW-1610	36
DB/DW-1810	39



**PART 2 Models DB/DW-1480 THRU 1810**

Part numbers underlined are recommended stock items.

ITEM	DESCRIPTION	DM-1480	DM-1610	DM-1810
<b>CHASSIS</b>				
1	CHASSIS BASE FRAME ASSEMBLY .....	200434	200471	200432
2	CHASSIS TOP FRAME RAIL ASSEMBLY .....	200722-1	2100722-2	200722-3
3	CORRUGATED CHASSIS END PANELS .....	200493-1	200493-1	200493-1
4	CORRUGATED CHASSIS SIDE PANELS .....	200185-6	200185-7	200185-8
5	DRIP TRAY ASSEMBLY .....	200486	200486-1	200486-2
6	HEAT EXCHANGER CHASSIS SUPPORT .....	200622-1	200622-1	200622-1
7	INSULATOR .....	32779-2	32779-2	32779-2
<b>HEAT EXCHANGER</b>				
8	"O" RING SEALS .....	<u>200133</u>	<u>200133</u>	<u>200133</u>
11	3/8-16 HEX NUT .....	20099-1	20099-1	20099-1
15	INLET/OUTLET MANIFOLD STANDARD UNITS .....	200692-1	200692-1	200692-1
16	INLET/OUTLET MANIFOLD MODULATING OR UNITS WITH GAUGES .....	200692	200692	200692
19	HEAT EXCHANGER .....	SEE COMPLETE HEAT EXCHANGER TABLE ON PAGE 8		
21	RETURN BENDS .....	200699-1	200699-1	200699-1
22	HEAT EXCHANGER SUPPORT .....	200583	200583	200583
23	HEAT EXCHANGER SUPPORT WIRE .....	200587-21	200587-21	200587-24
	..... (8 PCS.) .....		(16 PCS.)	(16 PCS.)
24	SHAKE PROOF WASHER .....	200366	200366	200366

ITEM	DESCRIPTION	DM-1480	DM-1610	DM-1810
<b>CABINET</b>				
30	BOTTOM LEFT SIDE CABINET PANEL .....	200409 .....	200409 .....	200409
31	BOTTOM RIGHT SIDE CABINET PANEL .....	200410 .....	200410 .....	200410
32	CABINET BASE ASSEMBLY .....	200494 .....	200494-1 .....	200494-2
33	CORNER POSTS .....	200158-4 .....	200158-4 .....	200158-4
34	DRAFT HOOD FILL IN PANEL (LEFT) .....	200462 .....	200462 .....	200462
35	DRAFT HOOD FILL IN PANEL (RIGHT) .....	200461 .....	200461 .....	200461
36	FRONT ACCESS PANEL .....	200425 .....	200475 .....	200414
37	FRONT INCLINE PANEL .....	200478 .....	200478-1 .....	200478-2
38	FRONT TOP PANEL .....	200460 .....	200460-1 .....	200460-2
39	REAR COVER PANEL (LEFT) .....	200502 .....	200503 .....	200504
40	REAR COVER PANEL (RIGHT) .....	200426 .....	200474 .....	200413
41	TOP LEFT SIDE CABINET PANEL .....	200411 .....	200411 .....	200411
42	TOP PANEL ASSEMBLY .....	200481 .....	200481-1 .....	200481-2
43	TOP RIGHT SIDE CABINET PANEL .....	200412 .....	200412 .....	200412
<b>BURNER TRAY</b>				
44	BURNER CLIPS .....	98044 .....	98044 .....	98044
45	BURNER TRAY ASSEMBLY .....	200466 .....	200473 .....	200516
46	BURNERS STAINLESS STEEL .....	69509 .....	69509 .....	69509
47	ORIFICES (Sea Level) .....	29366-31 .....	29366-31 .....	29366-31
47A	BURNER WITH PILOT BRACKET .....	69510-2 .....	69510-2 .....	69510-2
<b>FLUE COLLECTOR AND DRAFT HOOD</b>				
48	FLUE BAFFLES .....	200438-4 .....	200438-5 .....	200438-6
49	END FLUE BAFFLE - FRONT .....	200515-3 .....	200515-4 .....	200515-5
	Left hand water, rear on right hand water units.			
50	END FLUE BAFFLE - REAR .....	200440-3 .....	200440-4 .....	200440-5
	Left hand water, front on right hand water units.			
51	DRAFT HOOD FRONT SHELF ASSEMBLY .....	200441 .....	200441-1 .....	200441-2
52	DRAFT HOOD RIGHT SIDE PANEL .....	200451 .....	200451 .....	200451
53	DRAFT HOOD LEFT SIDE PANEL .....	200452 .....	200452 .....	200452
54	DRAFT HOOD TOP PANEL ASSEMBLY .....	200625 .....	200625-1 .....	200625-2
55	FLUE COLLECTOR PANEL .....	200455 .....	200455-1 .....	200455-2
61	DRAFT HOOD REAR PANEL .....	200563 .....	200563-1 .....	200563-2
<b>GAS CONTROL</b>				
62	PILOT TUBE .....	99528-1 .....	99528-1 .....	99528-1
63	CONTROL MOUNTING PANEL .....	200367 .....	200367 .....	200367
64	CONTROL STRING SUPPORT .....	200365 .....	200365 .....	200365
65	CONTROL STRING SUPPORT CLIP .....	200389-1 .....	200389-1 .....	200389-1
66	FIRING VALVE .....	69010-2 .....	69022-2 .....	69022-2
68	IGNITION MODULE .....	<u>191182-2</u> .....	<u>191182-2</u> .....	<u>191182-2</u>
69a	JUNCTION BOX - DB MODELS .....	93558 .....	93558 .....	93558
69b	JUNCTION BOX - DW MODELS .....	200655 .....	200655 .....	200655
69c	JUNCTION BOX COVER - DW MODELS .....	200660-1 .....	200660-1 .....	200660-1
71	MANUAL VALVE .....	96479-3 .....	69143 .....	69143
72	THERMAL BALANCER .....	98190 .....	98190 .....	98190
74a	TRANSFORMER - DB MODELS .....	69170-10 .....	69170-10 .....	69170-10
74b	TRANSFORMER - DW MODELS .....	69170-11 .....	69170-11 .....	69170-11
75	WIRING HARNESS .....	200530 .....	200530 .....	200530
<b>SINGLE STAGE (NOT SHOWN)</b>				
67	REDUNDANT GAS VALVE .....	78482-2 .....	78482-3 .....	78482-3
76	GAS VALVE .....	<u>69387</u> .....	<u>69386</u> .....	<u>69386</u>
77	CONTROL COMBINATION HIGH LIMIT .....	<u>192403</u> .....	<u>192403</u> .....	<u>192403</u>
77A	THERMOWELL .....	95545-1 .....	95545-1 .....	95545-1
<b>DUAL STAGE (NOT SHOWN)</b>				
67	REDUNDANT GAS VALVE .....	78482-2 .....	78482-3 .....	78482-3
70	MANUAL RESET HIGH LIMIT .....	<u>200164</u> .....	<u>200164</u> .....	<u>200164</u>
70A	THERMOWELL .....	69039-1 .....	69039-1 .....	69039-1
78	DUAL LIMIT .....	<u>97474-1</u> .....	<u>97474-1</u> .....	<u>97474-1</u>
79	GAS VALVE .....	<u>69390</u> .....	<u>69389</u> .....	<u>69389</u>

ITEM	DESCRIPTION	DM-1480	DM-1610	DM-1810
<b>MODULATING</b>				
76	GAS VALVE .....	69387	69386	69386
80	ACTUATOR .....	69164	69164	69164
83	CONTROL COMBINATION HIGH LIMIT .....	192403	192403	192403
83A	THERMOWELL .....	95545-1	95545-1	95545-1
84	SPST RELAY .....	69418	69418	69418
85	TEMPERATURE CONTROL-DB .....	69165-1	69165-1	69165-1
85	TEMPERATURE CONTROL-DW .....	69215-1	69215-1	69215-1
85A	THERMOWELL .....	69217	69217	69217
86	VALVE BODY .....	99860-2	99860-3	99860-3
<b>PILOT ASSEMBLY</b>				
88	VALVE-PILOT 90° .....	200683	200683	200683
89	GROUND WIRE .....	<u>170889-69</u>	<u>170889-69</u>	<u>170889-69</u>
91	PILOT ASSEMBLY .....	210871-2	210871-2	210871-2
94	PILOT TUBE (ALUMINUM) .....	<u>1417-60</u>	<u>1417-60</u>	<u>1417-60</u>
96	REGULATOR .....	99382	99382	99382
97	SOLENOID VALVE .....	77782-3	77782-3	77782-3
<b>INSULATION KITS (w/o *Flue Collector and *Heat Exchanger Insulation).</b>				
	210045-6 .....	210045-6	210045-7	210045-8
*101	FLUE COLLECTOR INSULATION .....	69227-1(33)	69227-1(35)	69227-1(38)
102	INSULATION - HIGH TEMP. BOARD .....	200239-9(2)	200239-9(2)	200239-9(2)
	INSULATION - HIGH TEMP. BOARD .....	200239-10(2)	200239-11(2)	200239-12(2)
	INSULATION - HIGH TEMP. BOARD .....	200240-2(2)	200240-2(2)	200240-2(2)
103	INSULATION - LOW TEMP. END BOARD .....	200238-2(2)	200238-2(2)	200238-2(2)
104	INSULATION - LOW TEMP. SIDE BOARD .....	210044-10(2)	210044-11(2)	210044-12(2)
	INSULATION - LOW TEMP. SIDE BOARD .....	210044-9(2)	210044-9(2)	210044-9(2)
*105	HEAT EXCHANGER INSULATION (2 Required) .....	69294-3	69294-3	69294-3
106	INSULATION .....	210550-6	210550-7	210550-8
<b>GAUGE PACKAGE</b>				
123	GAUGE PANEL (Left Hand Water) .....	200568	200568-1	200568-2
123A	GAUGE PANEL (Right Hand Water) .....	200568-3	200568-4	200568-5
124	PRESSURE GAUGE .....	5120	5120	5120
125	TEMPERATURE GAUGE .....	5119	5119	05119
<b>RELIEF VALVE</b>				
126	HOT WATER SUPPLY BOILER (DW) - 125psi .....	98883-3	98883-3	98883-3
127	HOT WATER HEATING BOILER (DB) - 50psi .....	210451-2	210451-2	210451-2
<b>MISCELLANEOUS/OPTIONAL</b>				
129	DRAIN VALVE .....	26273-5	26273-5	26273-5
133	FLOW SWITCH .....	211480	211480	211480
134	HEAT SHIELD - FRONT ASSEMBLY .....	200487	200487-1	200487-2
135	HEAT SHIELD - REAR ASSEMBLY .....	200477	200477-1	200477-2
136	INSTALLATION MANUAL .....	211171	211171	211171
139	THERMOMETERS .....	93042	93042	93042
140	USER MANUAL .....	200378-1	200378-1	200378-1
141	LOW WATER CUTOFF .....	99915-1	99915-1	99915-1
142	THERMAL BALANCE .....	98190	98190	98190
143	SWITCH ON/OFF .....	200581	200581	200581

\* Feet of insulation required.

Part numbers underlined are recommended stock items.

**HEAT EXCHANGER TABLE**

PART NO:	USAGE:	PART NO:	USAGE:	PART NO:	USAGE:
200686-1	DB/DW-720, COPPER	200693-3	DB/DW-1480, COPPER	<u>210617</u>	DB/DW-1080, CUPRA NICKEL
200686-2	DB/DW-840, COPPER	200693-4	DB/DW-1610, COPPER	<u>210617-1</u>	DB/DW-1210, CUPRA NICKEL
200686-3	DB/DW-960, COPPER	200693-5	DB/DW-1810, COPPER	<u>210617-2</u>	DB/DW-1350, CUPRA NICKEL
200693	DB/DW-1080, COPPER	210616	DB/DW-720, CUPRA NICKEL	<u>210617-3</u>	DB/DW-1480, CUPRA NICKEL
200693-1	DB/DW-1210, COPPER	210616-1	DB/DW-840, CUPRA NICKEL	<u>210617-4</u>	DB/DW-1610, CUPRA NICKEL
200693-2	DB/DW-1350, COPPER	210616-2	DB/DW-960, CUPRA NICKEL	<u>210617-5</u>	DB/DW-1810, CUPRA NICKEL



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**COMPANY**  
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