



MGB
CAST IRON GAS FIRED BOILERS
FOR FORCED HOT WATER
With Hydrolevel Control

Models
MGB-50J
MGB-75J
MGB-100J
MGB-125J
MGB-150J
MGB-170J
MGB-200J

PARTS, KITS &
OPTIONAL ACCESSORIES

Ordering Instructions

Order Parts through your nearest supplier.

When ordering parts, obtain Model Number and Serial Number from data plate on your boiler.

Include following information when ordering.

Part Number_____

Part Description_____

Boiler Model Number_____

Boiler Serial Number_____

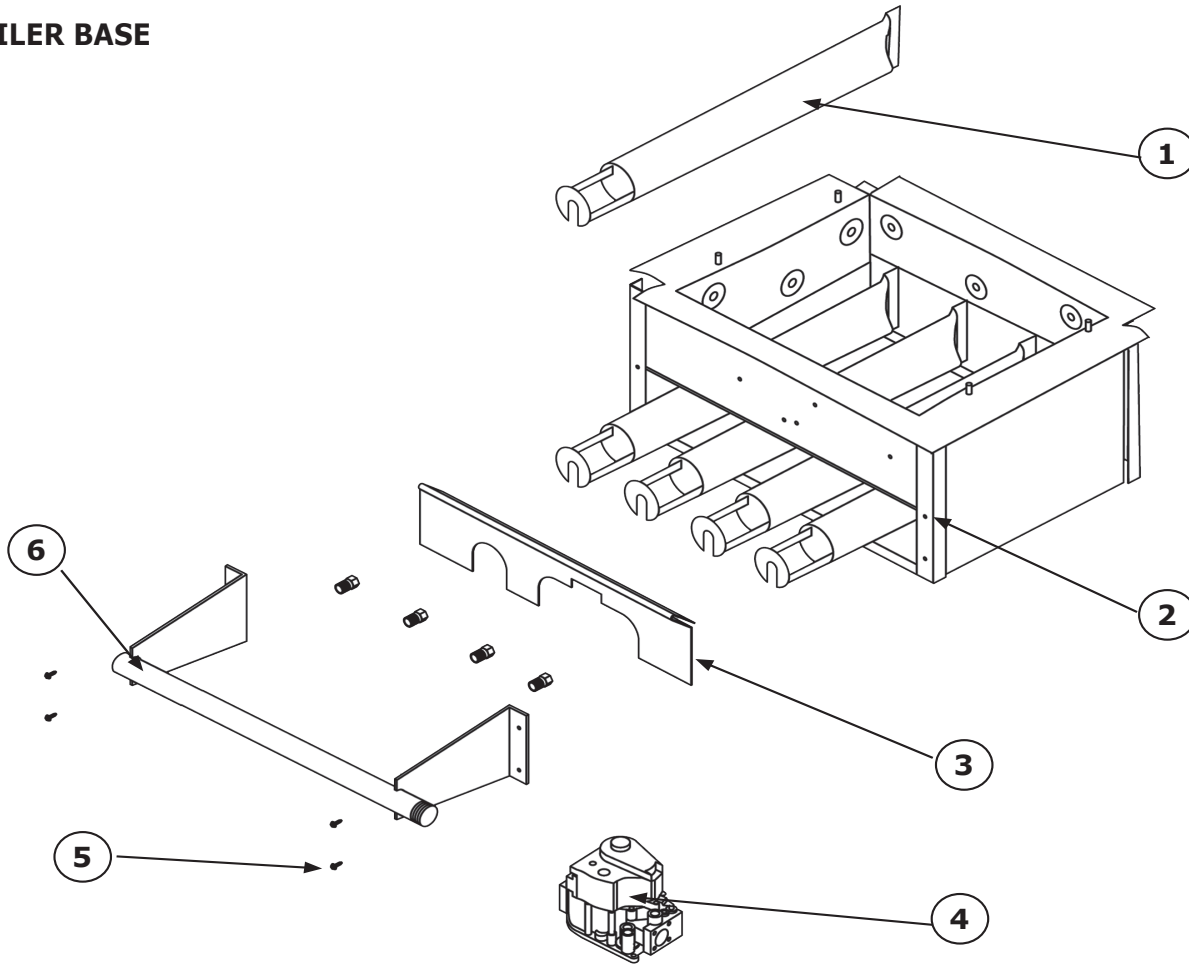
Check our website frequently for updates: www.ecrinternational.com



Manufactured by:
ECR International Inc.
2201 Dwyer Avenue, Utica, NY 13501
Tel. 800 253 7900
www.ecrinternational.com
PN 240011567 REV. B [06/15/2018]

REPLACEMENT PARTS - BASE

BOILER BASE



Item #	Description	Part #	Qty.
1	BURNER TUBE 1 1/2" - 50	240005543	1
	BURNER TUBE 1 1/2" - 75, 100		2
	BURNER TUBE 1 1/2" - 125, 150		3
	BURNER TUBE 1 1/2" - 170, 200		4
2	BASE W/INSUL - 50	5611601	1
	BASE W/INSUL - 75, 100	5611602	
	BASE W/INSUL - 125, 150	3001823	
	BASE W/INSUL - 170, 200	5611604	
3	BURNER DOOR - 50	109009071	1
	BURNER DOOR - 75, 100	109009072	
	BURNER DOOR - 125, 150	109009073	
	BURNER DOOR - 170, 200	109009074	
4	GAS VALVE VR8204H - 50 - 150 SPARK NAT	VG01101	1
	GAS VALVE VR8304H4 - 170-200 SPARK NAT	VG01103	
	GAS VALVE VR8304 - 50-200 SPARK LP	VG01104	

Item #	Description	Part #	Qty.
5	SCREW 1/4 - 20 X 1/2 SELF TAP	HW-005.01	4
6	MANIFOLD - 50	356-2-1.01	1
	MANIFOLD - 75 & 100	356-2-1.02	
	MANIFOLD - 125 & 150	356-2-1.03	
	MANIFOLD - 170 & 200	356-2-1.04	
7	ORIFICE 3.2mm NAT - 50, 100, 150, 200,	240007406	*
	ORIFICE 2.9mm NAT - 125, 170	240007403	
	ORIFICE 2.8mm NAT - 75	240007402	
	ORIFICE #45 LP - 50	3551520	
	ORIFICE #47 LP - 100, 150, 200	355-1-5.04	
	ORIFICE #49 LP - 125 & 170	355-1-5.06	
	ORIFICE #50 LP - 75	355-1-5.07	
NOT SHOWN	COMBUSTIBLE BASE FLOORING - 50	325-2-8.01	1
	COMBUSTIBLE BASE FLOORING - 75, 100	325-2-8.02	
	COMBUSTIBLE BASE FLOORING - 125, 150	325-2-8.03	
	COMBUSTIBLE BASE FLOORING - 170, 200	325-2-8.04	

* Orifice Quantities: Model 50 - qty 1; Model 75 & 100- qty 2; Model 125 & 150- qty 3; Model 170 & 200 - qty 4

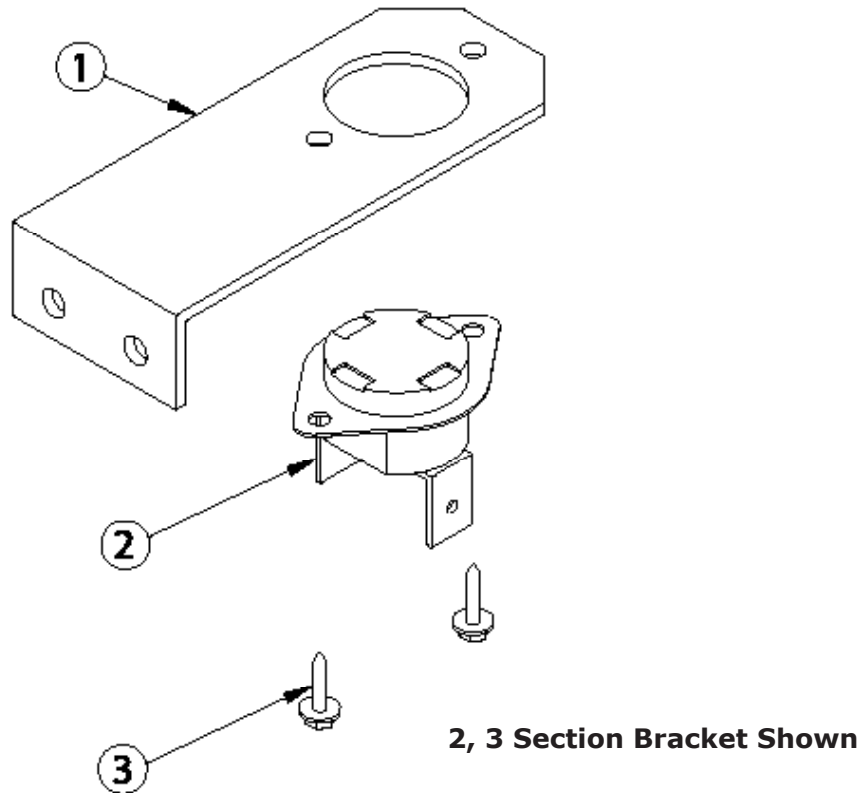
REPLACEMENT PARTS - HEAT EXCHANGER

HEAT EXCHANGER

Fully Assembled Heat Exchangers	
912000001	Heat Exchanger (2 Section)
912000002	Heat Exchanger (3 Section)
912000003	Heat Exchanger (4 Section)
912000004	Heat Exchanger (5 Section)

ROLLOUT & SPILL SWITCH

ROLLOUT & SPILL SWITCH



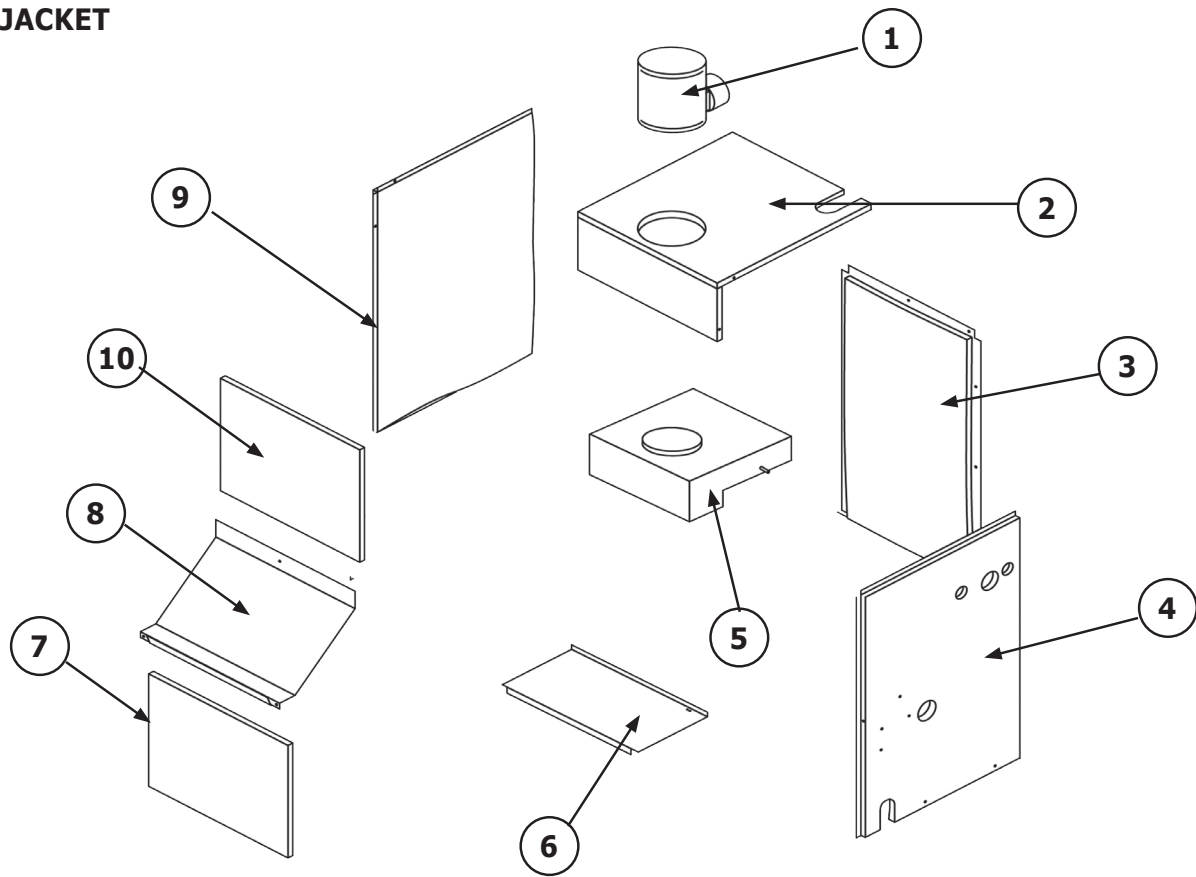
Item #	Description	Part #	Qty.
1	2 SECTION TEMP. SENSOR BRACKET (Rollout)	32611001	1
	3 SECTION TEMP. SENSOR BRACKET (Rollout)	3262001	1
	4 SECTION TEMP. SENSOR BRACKET (Rollout)	109008517	1
	5 SECTION TEMP. SENSOR BRACKET (Rollout)	109008518	1
2	CONTROL-FIXED TEMPERATURE THERMO (Rollout switch and Spill switch)	AQ02101	1
3	SCREW - #6 X 1/4 HEX HD	HW06501	2

Rollout switch is located on base; spill switch on flue collector.

NOTE: Quantities above are for each switch.

REPLACEMENT PARTS - JACKET

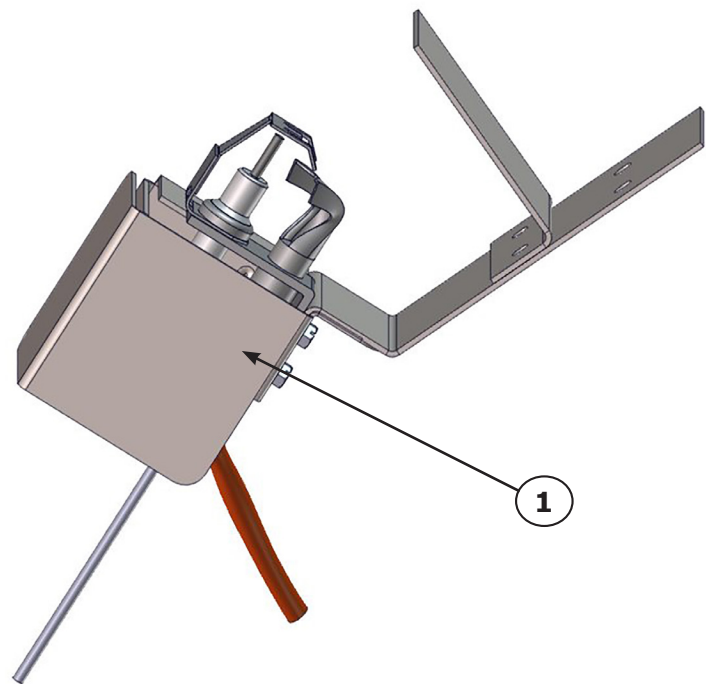
BOILER JACKET



Item #	DESCRIPTION	Part Number	Qty.
1	DAMPER 4" 50	240006936	1
	DAMPER 5" 75	240006937	
	DAMPER 6" 100 & 125	240006938	
	DAMPER 7" 150 & 170	240006939	
	DAMPER 8" 200	240006940	
2	PANEL - TOP 50	31621501AC	1
	PANEL - TOP 75 & 100	31621502AC	
	PANEL - TOP 125	31621503AC	
	PANEL - TOP 150	31621504AC	
	PANEL - TOP 170 & 200	31621505AC	
3	PANEL - REAR 50	3162601AC	1
	PANEL - REAR 75 & 100	3162602AC	
	PANEL - REAR 125 & 150	3162603AC	
	PANEL - REAR 170 & 200	3162604AC	
4	PANEL - RIGHT	109008633AD	1
5	FLUE COL 50	3462101	1
	FLUE COL 75	3462108	
	FLUE COL 100	3462102	
	FLUE COL 125	3462107	
	FLUE COL 150	3462103	
	FLUE COL 170	3462109	
	FLUE COL 200	3462104	

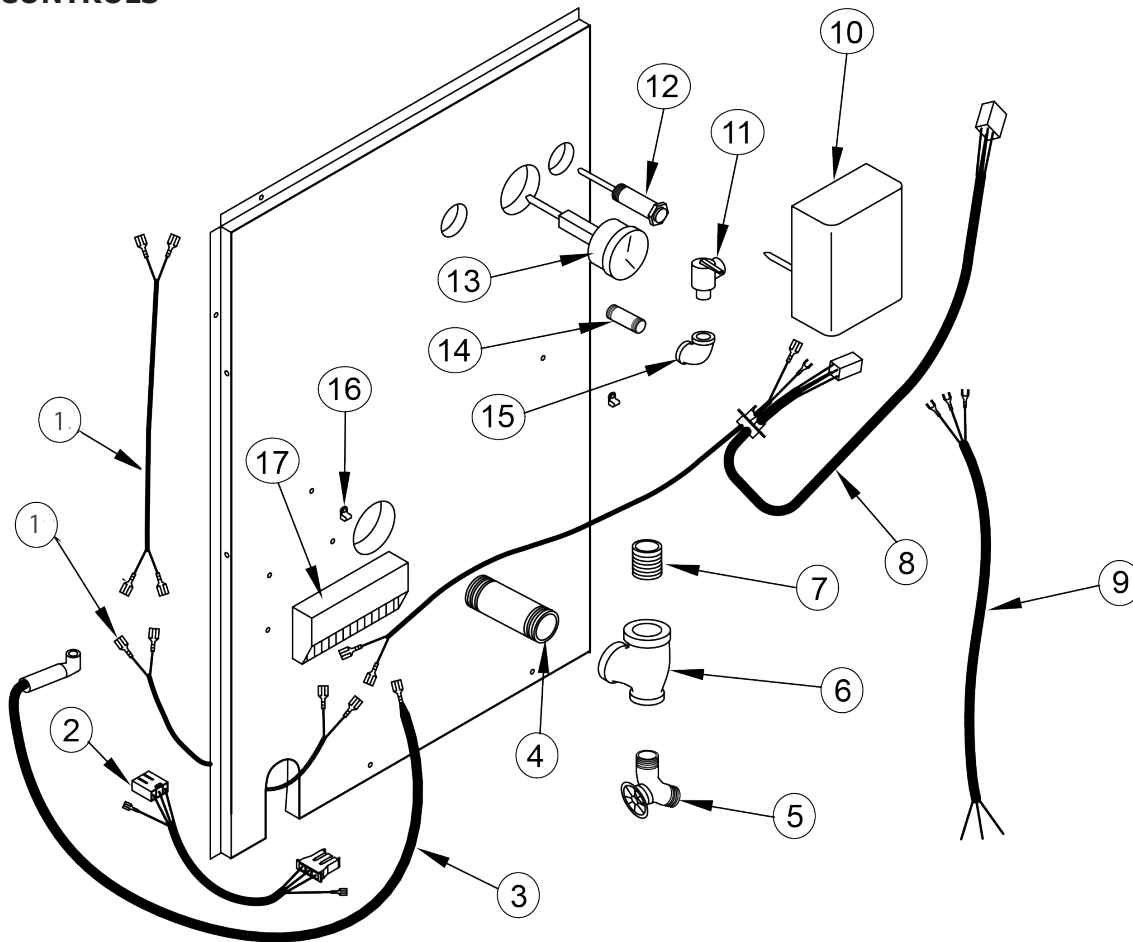
Item #	DESCRIPTION	Part Number	Qty.
6	PANEL - BASE 50	3161201AC	1
	PANEL - BASE 75 & 100	3161202AC	
	PANEL - BASE 125 & 150	3161203AC	
	PANEL - BASE 170 & 200	3161204AC	
7	PNL LWR ACCES 50	3161101AC	1
	PNL LWR ACCES 75/100	3161102AC	
	PNL LWR ACCES 125/150	3161103AC	
	PNL LWR ACCES 170/200	3161104AC	
8	DRAFT DEFLECTOR 50	3162501AC	1
	DRAFT DEFLECTOR 75/100	3162502AC	
	DRAFT DEFLECTOR 125/150	3162503AC	
	DRAFT DEFLECTOR 170/200	3162504AC	
9	PANEL - LEFT	3162708AC	
10	PNL- UPPER ACCESS 50	31621201AC	1
	PNL- UPPER ACCESS 75&100	31621202AC	
	PNL- UPPER ACCESS 125	31621203AC	
	PNL- UPPER ACCESS 150	31621204AC	
	PNL- UPPER ACCESS 170 & 200	31621205AC	

SPARK PILOT



Spark Pilot Kit - Natural Gas 550003039		
Spark Pilot Kit - LP/Propane 550003040		
Item #	Description	Qty.
1	PILOT AND BRACKET ASSEMBLY (NAT. GAS)	1
	PILOT AND BRACKET ASSY (LP/PROPANE)	
*	BRACKET SCREW	2
*	COMPRESSION FITTING	1
* NOT SHOWN		

PIPING & CONTROLS



ITEM	DESCRIPTION	P/N	QTY.
1	WIRE ROLLOUT/SPILL 48"	240010924	2
2	HARNESS IGN TO G/V 18"	37413602	1
3	PILOT IGNITION CABLE 36"	240011272	1
	BOOT,CABLE,IGNITION,HW	240011273	1
4	PIPE - NPL 1.1/4X4.1/2 NPT	1310002	1
5	DRAIN - SHORT	240009323	1
6	PIPE - TEE 1.1/4X3/4X1.1/4	1510001	1
7	PIPE - 1.1/4" CLOSE NPL	PF-006.01	1
8	WIRE LOW VOLTAGE/DAMPER	240005480	1
9	HARNESS CIRCULATOR 72"	37519501	1
10	CONTROL HYDROLEVEL 3200	240009113	1
11	RELIEF VALVE 30#	VR-001.01	1
12	WELL HYDROLEVEL	240009115	1
13	GAUGE - TEMPERATURE - PRESSURE	1260006	1
14	PIPE - NPL 3/4"X4"	1310001	1
15	PIPE - ELBOW 3/4" 90°	1190001	1
16	CLAMP #3600 WHITE	EF03601	3
17	PLT SPARK CTRL S8600	14662070	1
	BRACKET, SPARK CONTROL	109008481	1

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All specifications subject to change without notice.

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