

12a Replacement parts

Section assembly 59

Base 60

Jacket 61

Trim..... 62

Controls 63

**WARNING**

Replacement parts must be purchased through a local Weil-McLain distributor. When ordering, specify boiler model and size and include description and part number of replacement part. Results from using modified or other manufactured parts will not be covered by warranty and may damage boiler or impair operation.

**NOTICE**

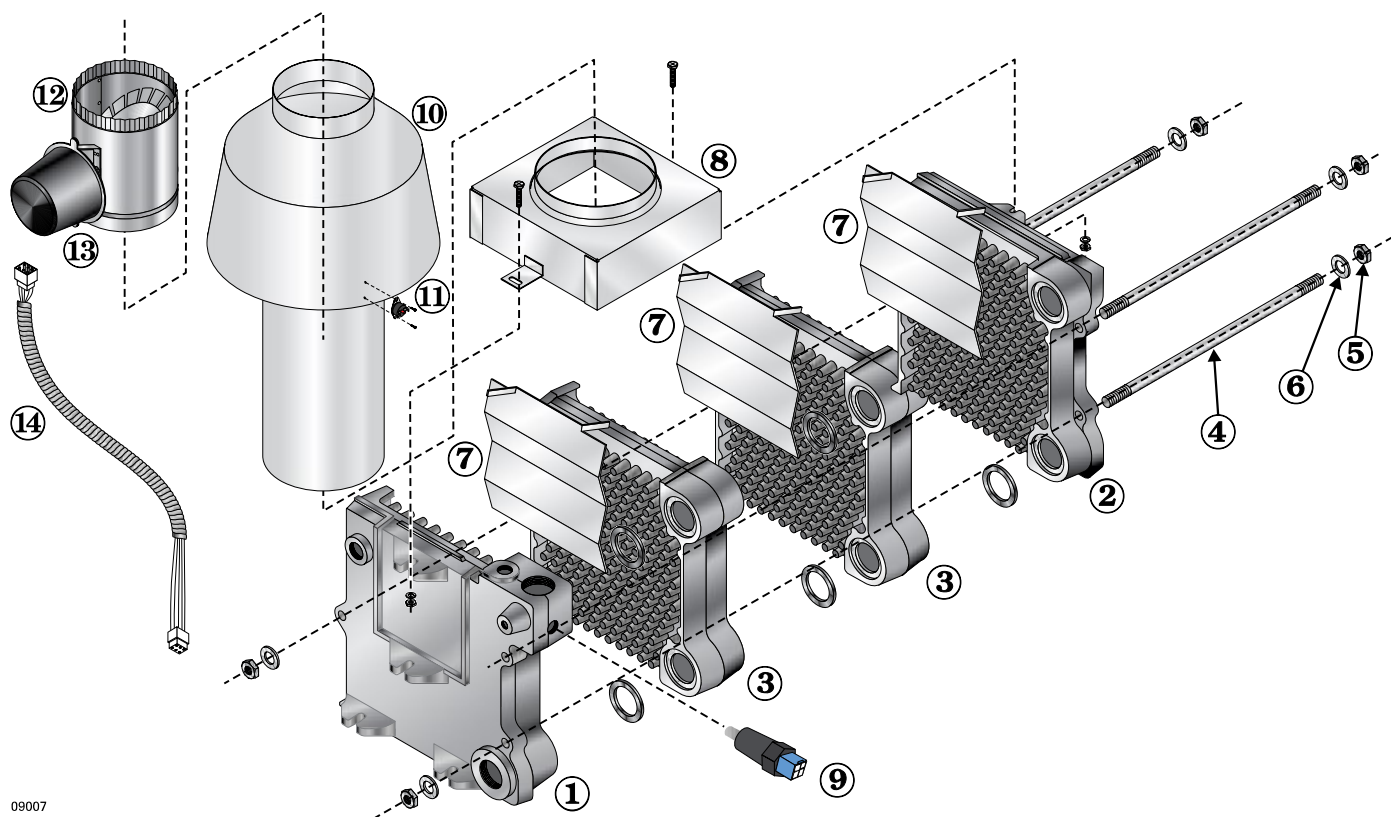
Weil-McLain part numbers are found in **Weil-McLain Boilers and Controls Repair Parts Lists**.

**WARNING**

The boiler contains ceramic fiber and fiberglass materials. Use care when handling these materials per instructions on Page 66 of this manual. Failure to comply could result in severe personal injury.

12b Replacement parts — section assembly

Figure 31 Section assembly, flue collector, draft hood and vent damper



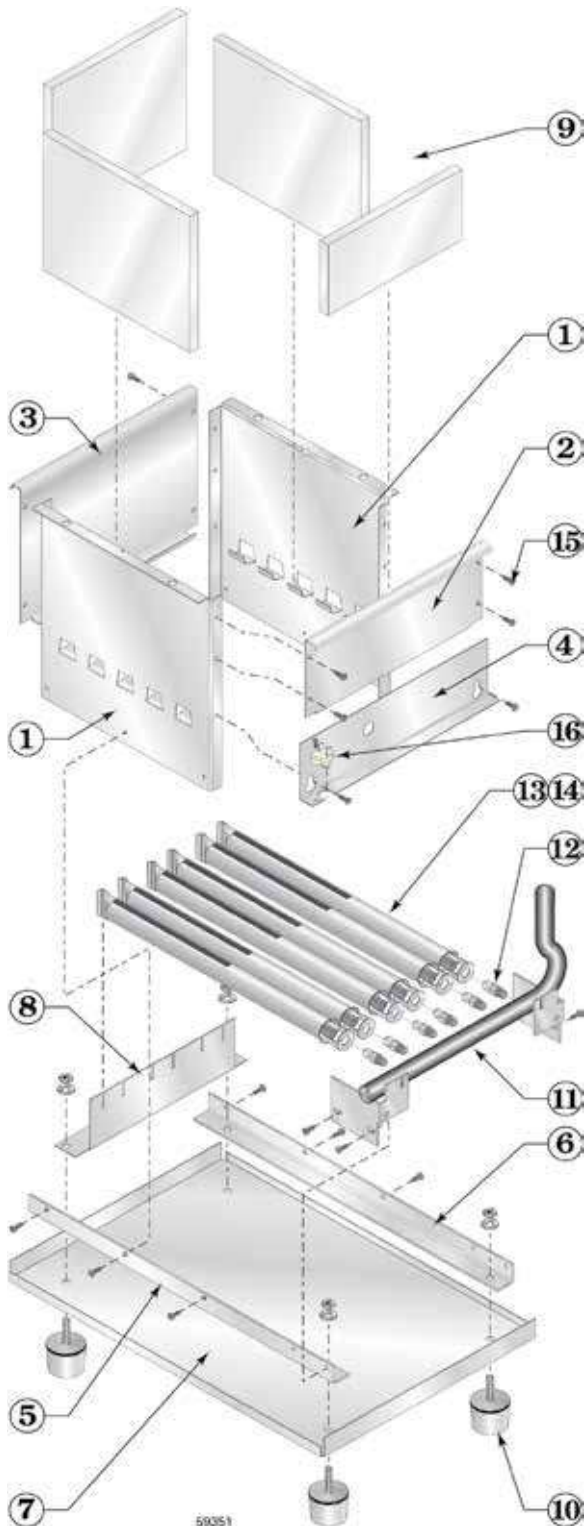
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Item number	Description		Part number
1	End section, left hand, 51124		311-103-851
2	End section, right hand 51128		311-103-821
3	Intermediate section, 51127		311-103-845
not shown	Replacement section assembly	CGa-25 and CGa-3 CGa-4 CGa-5 CGa-6 CGa-7 CGa-8	321-114-360 321-114-361 321-114-362 321-114-363 321-114-364 321-114-365
not shown	Section replacement kit, includes seals and sealant for 1 joint		381-354-527
4	Tie rod, 7/16" without nut (3 per boiler):	CGa-25 & CGa-3 CGa-4 CGa-5 CGa-6 CGa-7 CGa-8	560-234-500 560-234-501 560-234-502 560-234-503 560-234-504 560-234-505
5	Nut, 7/16" (2 per tie rod)		561-928-235
6	Washer, 7/16" (1 per tie rod)		562-248-684
7	Radiation plate (1 per joint)	CGa 25 & 3 CGa 4-8	460-003-018 460-003-017
8	Collector hood	CGa-25 CGa-3 CGa-4 CGa-5 CGa-6 CGa-7 CGa-8	381-354-625 381-354-626 381-354-627 381-354-628 381-354-926 381-354-630 381-354-631

Item number	Description		Part number
9	Temperature/LWCO sensor		511-724-305
10	Draft hood	CGa-25 CGa-3 CGa-4 CGa-5 CGa-6 CGa-7 CGa-8	450-021-240 450-021-241 450-021-242 450-021-243 450-021-244 450-021-245 450-021-246
11	Spill switch (210°F)	CGa-25 - 8	510-300-013
12	Vent Damper	CGa-25 & 3 4" CGa-4 5" CGa-5 & 6 6" CGa-7 & 8 7"	381-800-474 381-800-475 381-800-476 381-800-477
13	Vent Damper Actuator		510-512-337
14	Vent Damper Harness		591-391-795

12c Replacement parts — base

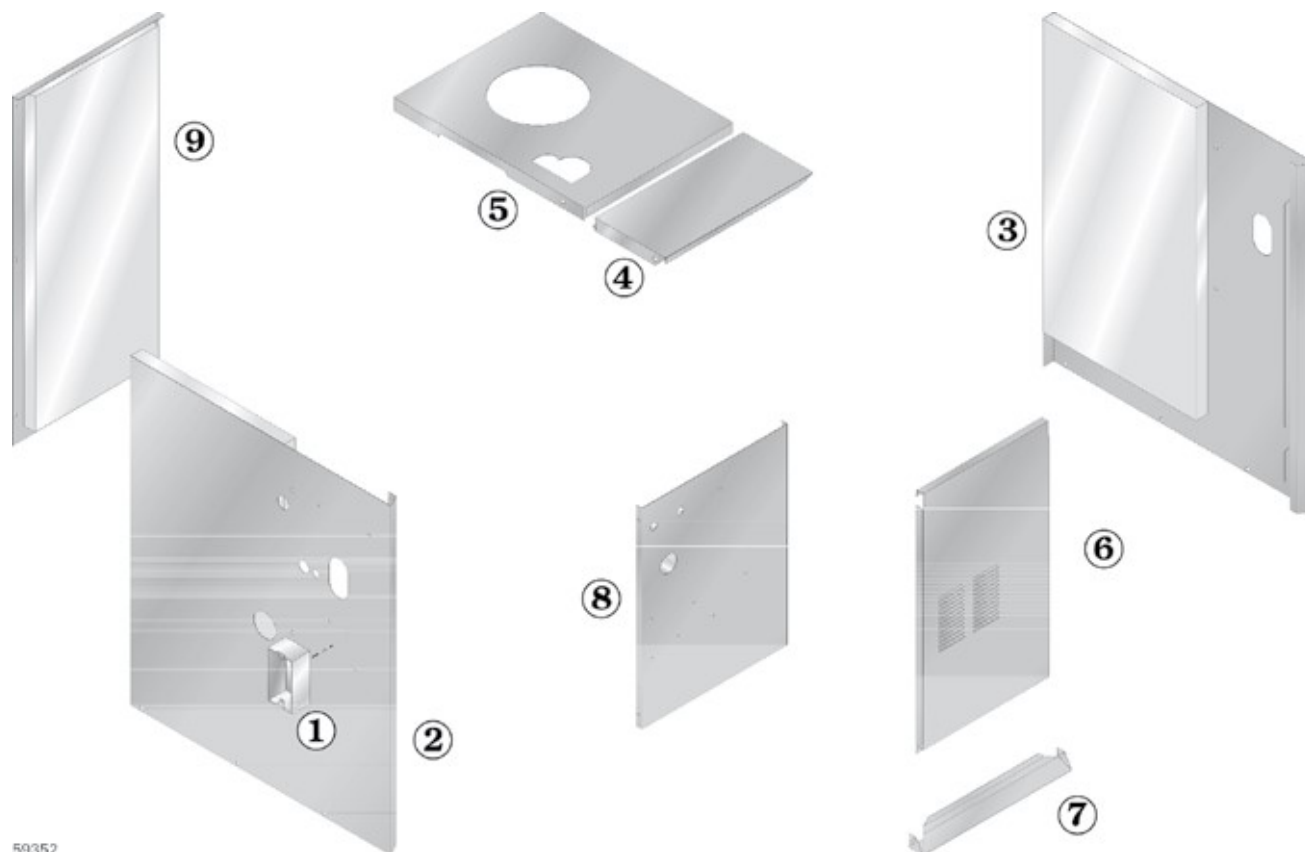
Figure 32 Base assembly, manifold, orifices and burners



Item number	Description	Part number
	Base assembly kit (includes base panels items 1, 2, 3, 4, 5, 6 and 7, plus insulation, air box gaskets, and hardware))	CGa-25 381-354-362 CGa-3 381-354-356 CGa-4 381-354-357 CGa-5 381-354-358 CGa-6 381-354-359 CGa-7 381-354-360 CGa-8 381-354-361
1	Base side panel (in Base assembly)	
2	Base front cross-tie assembly (in Base assembly)	
3	Base back cross-tie assembly (in Base assembly)	
4	Access panel (in Base assembly)	
5	Base pan angle, left side (in Base assembly)	
6	Base pan angle, right side (in Base assembly)	
7	Base pan (in Base assembly)	
8	Burner rest	CGa-25 450-003-742 CGa-3 450-003-736 CGa-4 450-003-737 CGa-5 450-003-738 CGa-6 450-003-739 CGa-7 450-003-740 CGa-8 450-003-741
9	Base insulation kit (included insulation for all base parts above plus gasket material needed between block assembly and base)	CGa-25 381-354-518 CGa-3 381-354-518 CGa-4 381-354-518 CGa-5 381-354-518 CGa-6 381-354-519 CGa-7 381-354-519 CGa-8 381-354-519
10	Boiler leg kit	590-424-253
11	Manifold	CGa-25 591-126-615 CGa-3 591-126-616 CGa-4 591-126-617 CGa-5 591-126-618 CGa-6 591-126-619 CGa-7 591-126-556 CGa-8 591-126-557
12	Main burner orifice — Natural gas, sea level Main burner orifice — Natural gas, sea level	560-528-997 560-528-998
13	Burner, stainless steel	512-200-077
14	Burner with pilot	512-200-078
15	Screw, 10-32 x 0.38 STP type D hex, washer head slot	available at local supply house
16	Rollout thermal fuse element	512-050-230

12d Replacement parts — jacket

Figure 33 Jacket assembly



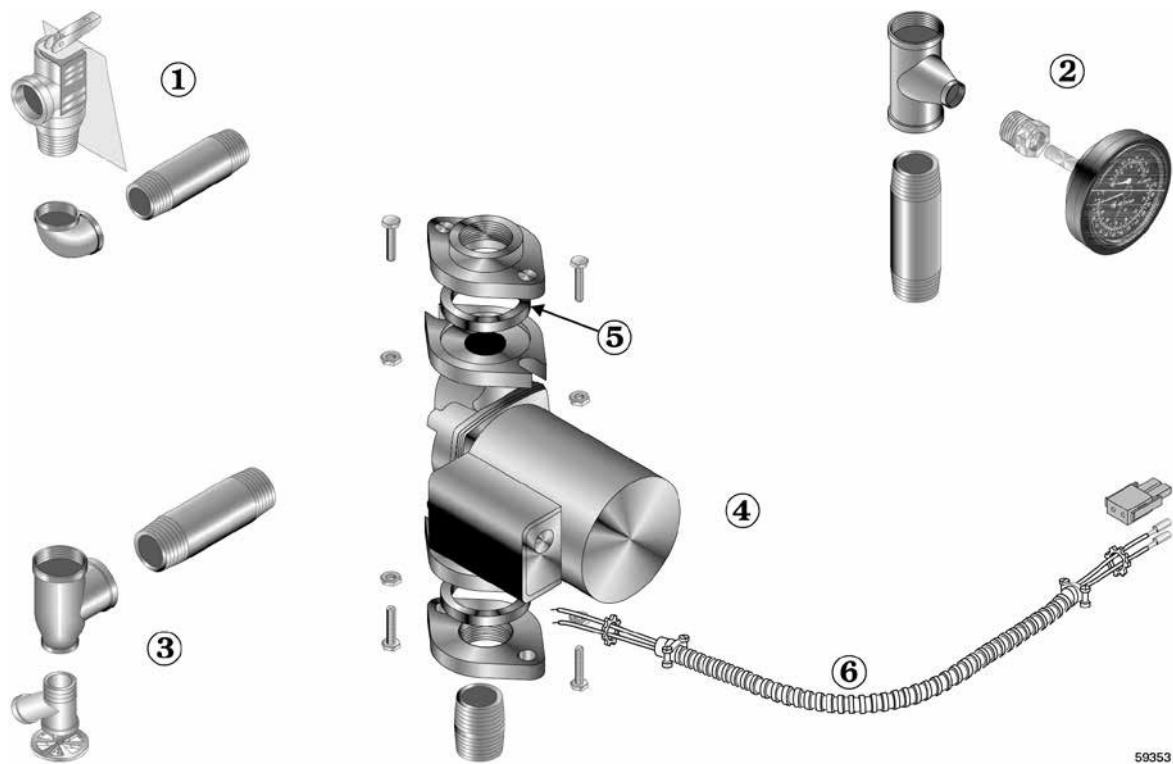
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Boiler Model	1	2		3	4	5	Boiler Model
	Junction box, 2 x 4	Jacket panel, left side , with insulation		Jacket panel, right side , with insulation	Jacket panel, top front	Jacket panel, top rear	
		Natural Gas Spark Pilot	Propane Gas Spark Pilot				
	Part numbers						
CGa-25	(Available at local supply house)	381-359-201	381-359-208	381-359-229	381-359-230	381-359-236	CGa-25
CGa-3		381-359-202	381-359-209	381-359-229	381-359-230	381-359-236	CGa-3
CGa-4		381-359-203	381-359-210	381-359-229	381-359-231	381-359-237	CGa-4
CGa-5		381-359-204	381-359-211	381-359-229	381-359-232	381-359-238	CGa-5
CGa-6		381-359-205	381-359-212	381-359-229	381-359-233	381-359-239	CGa-6
CGa-7		381-359-206	381-359-213	381-359-229	381-359-234	381-359-240	CGa-7
CGa-8		381-359-207	381-359-214	381-359-229	381-359-235	381-359-241	CGa-8
Boiler Model	6	7	8	9	10		Boiler Model
	Jacket panel, door	Jacket cross tie, bottom front	Jacket panel, interior , with insulation	Jacket panel, rear , with insulation	Not shown — touch-up paint		
	Part numbers						
CGa-25	381-359-248	381-359-260	381-359-266	381-359-272			CGa-25
CGa-3	381-359-248	381-359-260	381-359-266	381-359-272			CGa-3
CGa-4	381-359-249	381-359-261	381-359-267	381-359-273	381-359-278	Cloud	CGa-4
CGa-5	381-359-250	381-359-262	381-359-268	381-359-274	384-000-141	Slate	CGa-5
CGa-6	381-359-251	381-359-263	381-359-269	381-359-275			CGa-6
CGa-7	381-35-9252	381-359-264	381-359-270	381-359-276			CGa-7
CGa-8	381-359-253	381-359-265	381-359-271	381-359-277			CGa-8



12e Replacement parts — trim

Figure 34 Trim assembly



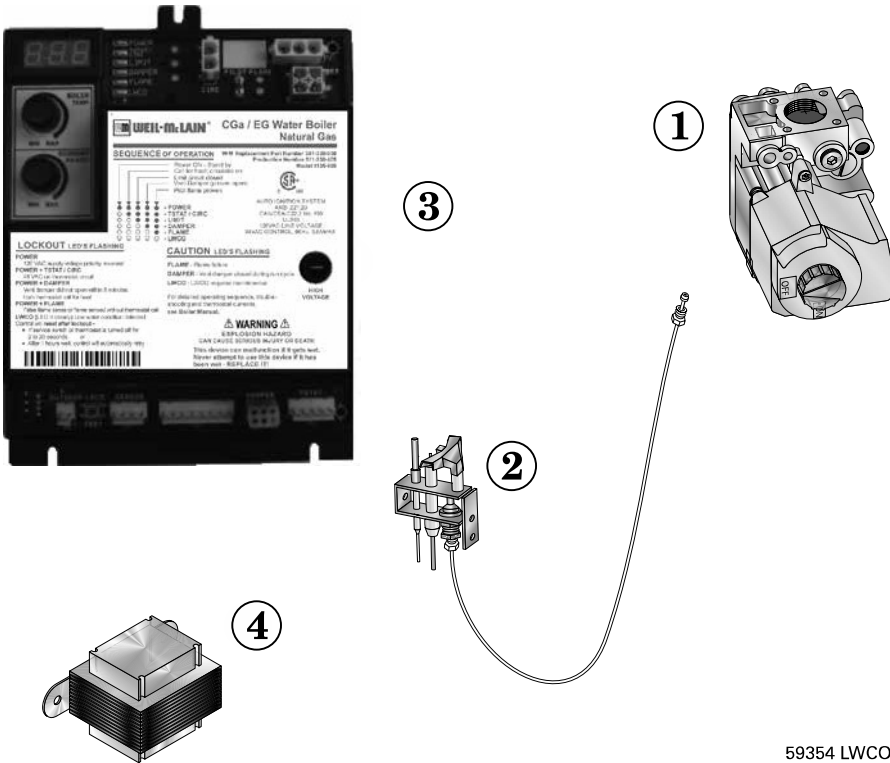
Item number	Description		Part number
1	Pressure relief valve, ASME, 30 PSIG, 3/4" male inlet		511-546-920
	Pressure relief valve, ASME, 30 PSIG, 3/4" female inlet (Fittings shown are factory-installed on boiler.)		511-546-924
2	Combination pressure-temperature gauge, 3 1/8," diameter, short shank (Fittings shown are shipped loose with boiler.)		380-000-000
3	Drain valve, 3/4" (Fittings shown are included with boiler.)		511-210-423
4	Circulator (Fittings shown are shipped loose with boiler.)	CGa 25 - 5	511-405-153
		CGa 6 - 8	511-405-113
5	Circulator gasket, universal (2 per boiler)		590-317-535
not shown	Circulator hardware kit, includes: 1 flange, 2 nuts, 2 screws, 1 gasket —		
	3/4" NPT — CGa-25 -----		381-354-530
	1" NPT — CGa-3 through CGa-5 -----		381-354-525
	1 1/4" NPT — CGa-6 and CGa-7 -----		381-354-526
	1 1/2" NPT — CGa-8 -----		381-354-531
6	Circulator wiring harness kit, spark-ignited with Molex (loose)		381-356-528



12f Replacement parts — controls

Figure 35 Gas control components

Spark-ignited pilot controls



59354 LWCO

Item number	Description	Boiler model	Part number
Natural gas components			
1	Gas Valve, 1/2" x 1/2"	CGa-25 through CGa-6	511-044-381
	Gas valve, 3/4" x 3/4"	CGa-7 & CGa-8	511-044-382
2	Pilot kit w/orifice & aluminum pilot gas tubing		511-330-218
Liquefied Petroleum (Propane) gas components			
1	Gas Valve, 3/4" x 3/4"	CGa-25 through CGa-7	511-044-356
	Gas Valve, 3/4" x 3/4"	CGa-8	511-044-366
2	Pilot kit w/orifice & aluminum pilot gas tubing		511-330-273
Natural gas and Liquefied Petroleum (Propane) gas components			
3	Control Module - Natural gas		381-330-039
	- Liquefied Petroleum (Propane) gas		381-330-038
not shown	Wiring Harness, Junction box to Control Module		591-391-975
not shown	Wiring Harness, Controls to Control Module		591-391-977
not shown	Wiring Harness, Thermostat		591-392-006
not shown	Wiring Harness, Water Temperature/LWCO Sensor		591-391-995
4	Control Transformer		381-356-578