



SECTION 7

Parts

Parts

Replacement Parts

⚠ 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.
- The boiler contains ceramic fiber and fiberglass materials. Use care when handling these materials per instructions on [page 77](#) of this manual. Failure to comply could result in severe personal injury.

NOTICE

Weil-McLain part numbers are found in this **Replacement parts section**.

Gas Conversion Kits

not shown	Conversion Kit Propane to Natural Gas	CGa 25 - 6	510-812-000
		CGa 7, 8	510-812-001
not shown	Conversion Kit Natural Gas to Propane	CGa 25-7	510-811-998
		CGa 8	510-811-999

High Altitude Conversion Kits - Natural Gas

not shown	CGa 25 4,500 to 6,999 Feet	381-359-296
	CGa 25 7,000 to 10,000 Feet	381-359-297
not shown	CGa 3-8 4,500 to 6,999 Feet	381-354-535
	CGa 3-8 7,000 to 10,000 Feet	381-354-359

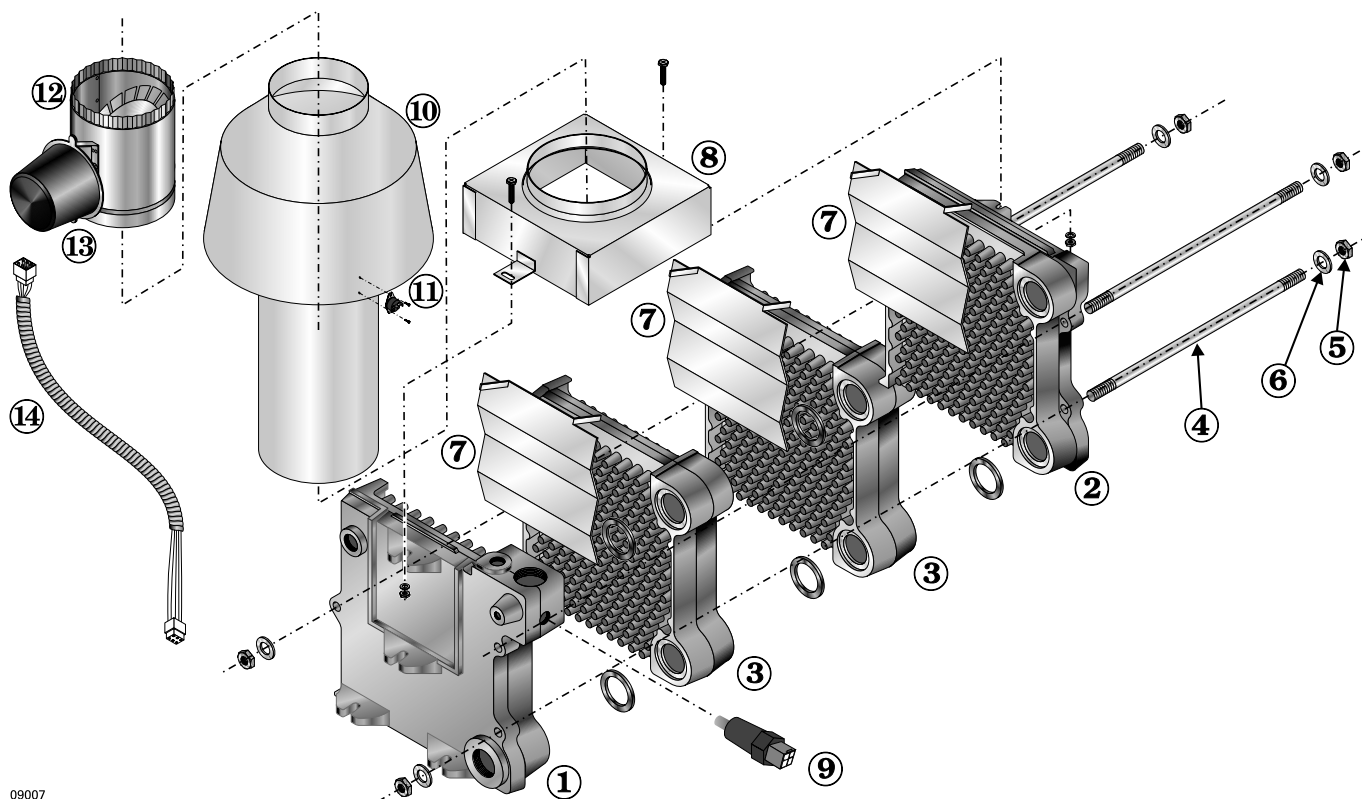
High Altitude Conversion Kits - Propane

not shown	CGa 25 4,500 to 6,999 Feet	381-359-298
	CGa 25 7,000 to 10,000 Feet	381-359-299
not shown	CGa 3-8 4,500 to 6,999 Feet	381-354-537
	CGa 3-8 7,000 to 10,000 Feet	381-354-541

Parts (continued)

Section Assembly

Figure 32 Section assembly, flue collector, draft hood and vent damper



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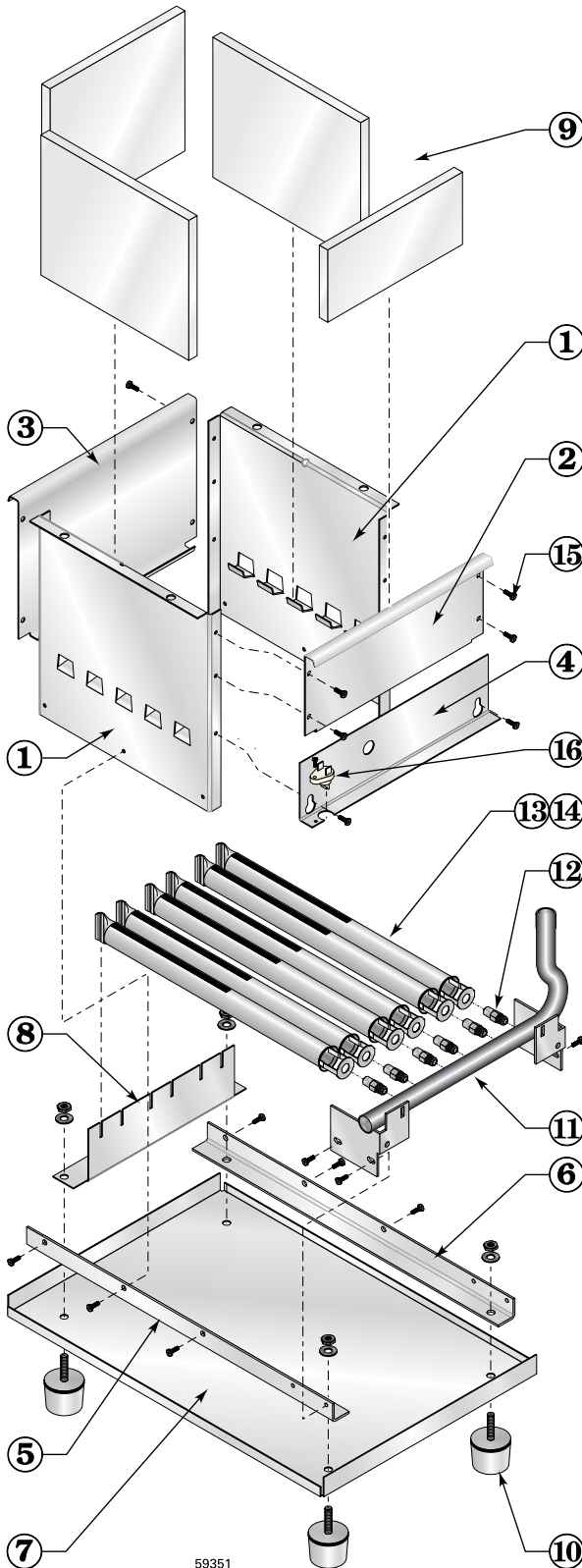
Item Number	Description		Part Number
1	End section, left hand	51124	311-103-851
2	End section, right hand	51128	311-103-821
3	Intermediate section	51127	311-103-845
not shown	Replacement section assembly	CGa-25 & CGa-3 CGa-4 CGa-5 CGa-6 CGa-7 CGa-8	321-114-360 321-114-361 321-114-362 321-114-363 321-114-364 321-114-365
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		381-356-589
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"	381-800-863 381-800-864 381-800-865 381-800-866
13	Vent Damper Actuator		510-512-337
14	Vent Damper Harness		381-359-436

Parts (continued)

Base

Figure 33 Base assembly, manifold, orifices and burners

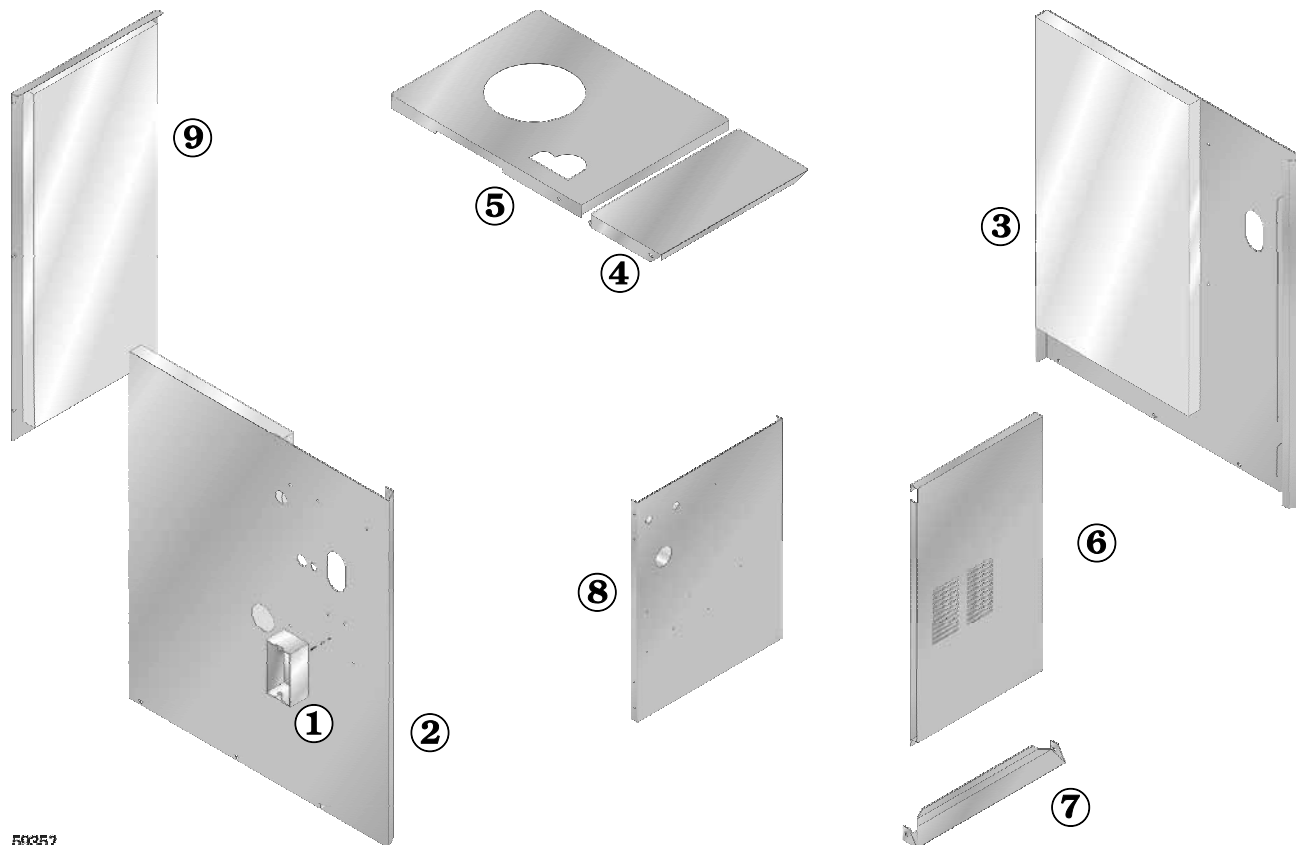


Item Number	Description		Part Number
	Base assembly kit (includes base panels items 1, 2, 3, 4, 5, 6 and 7, plus insulation, air box gaskets, and hardware))	CGa-25 . . . CGa-3 . . . CGa-4 . . . CGa-5 . . . CGa-6 . . . CGa-7 . . . CGa-8 . . .	381-354-362 381-354-356 381-354-357 381-354-358 381-354-359 381-354-360 381-354-361
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 . . . CGa-3 . . . CGa-4 . . . CGa-5 . . . CGa-6 . . . CGa-7 . . . CGa-8 . . .	450-003-742 450-003-736 450-003-737 450-003-738 450-003-739 450-003-740 450-003-741
9	Base insulation kit (included insulation for all base parts above plus gasket material needed between block assembly and base)	CGa-25 . . . CGa-3 . . . CGa-4 . . . CGa-5 . . . CGa-6 . . . CGa-7 . . . CGa-8 . . .	381-354-518 381-354-518 381-354-518 381-354-518 381-354-519 381-354-519 381-354-519
10	Boiler leg kit, Qty:4		550-320-219
11	Manifold	CGa-25 . . . CGa-3 . . . CGa-4 . . . CGa-5 . . . CGa-6 . . . CGa-7 . . . CGa-8 . . .	591-126-615 591-126-616 591-126-617 591-126-618 591-126-619 591-126-556 591-126-557
12	Main Burner orifice - Natural gas Main Burner orifice - Propane	CGa 25 . . . CGa-3-8 . . CGa 25 . . . CGa-3-8 . .	560-529-118 560-528-997 560-529-115 560-529-120
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

Parts (continued)

Jacket

Figure 34 Jacket assembly



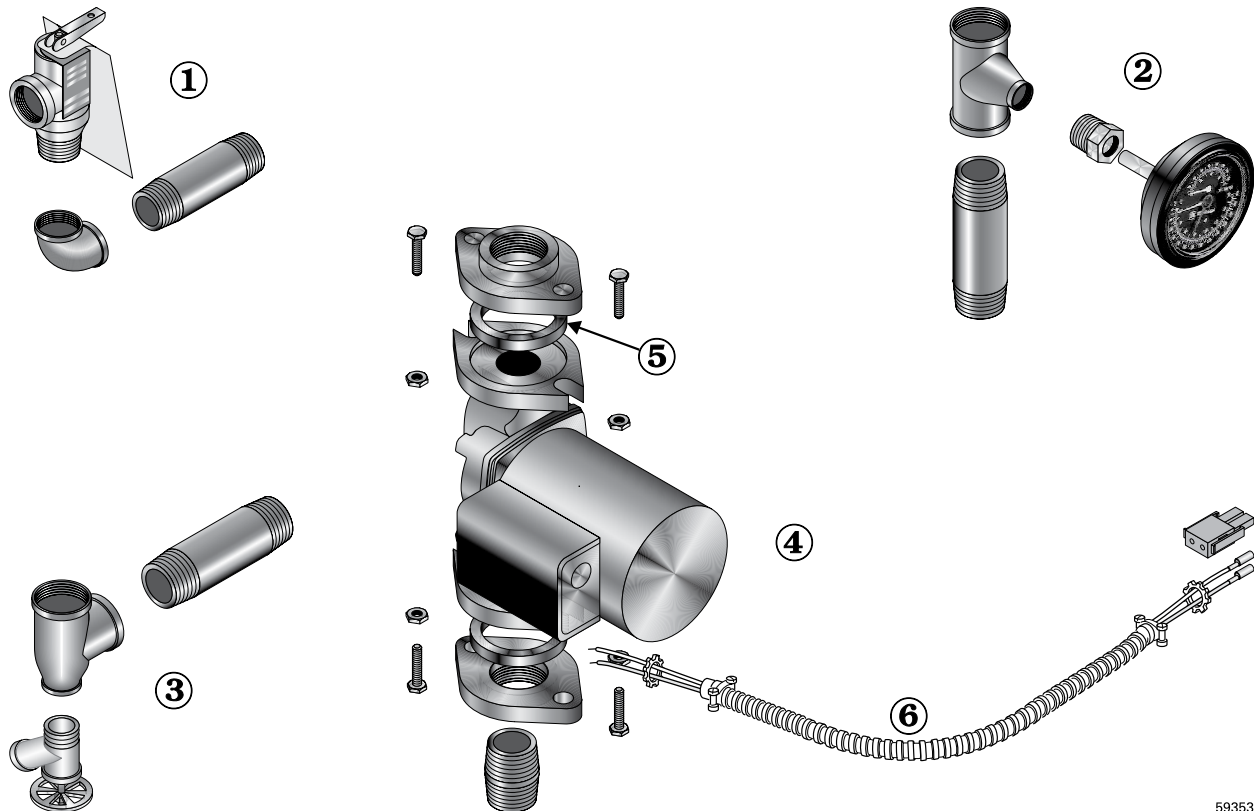
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Boiler Model	1	2		3	4	5	Boiler Model
	Junction box, 2 x 4	Jacket panel, left side , with insulation		Jacket panel, right side , with insulation	Jacket panel, top front	Jacket panel, top rear	
		Natural Gas Spark Pilot	Propane Gas Spark Pilot				
	Part numbers						
CGa-25	(Available at local supply house)	381-359-449	381-359-456	381-359-484	381-359-230	381-359-491	CGa-25
CGa-3		381-359-450	381-359-457	381-359-485	381-359-230	381-359-492	CGa-3
CGa-4		381-359-451	381-359-458	381-359-486	381-359-231	381-359-493	CGa-4
CGa-5		381-359-452	381-359-459	381-359-487	381-359-232	381-359-494	CGa-5
CGa-6		381-359-453	381-359-460	381-359-488	381-359-233	381-359-495	CGa-6
CGa-7		381-359-454	381-359-461	381-359-489	381-359-234	381-359-496	CGa-7
CGa-8		381-359-455	381-359-462	381-359-490	381-359-235	381-359-497	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

Parts (continued)

Trim

Figure 35 Trim assembly



59353

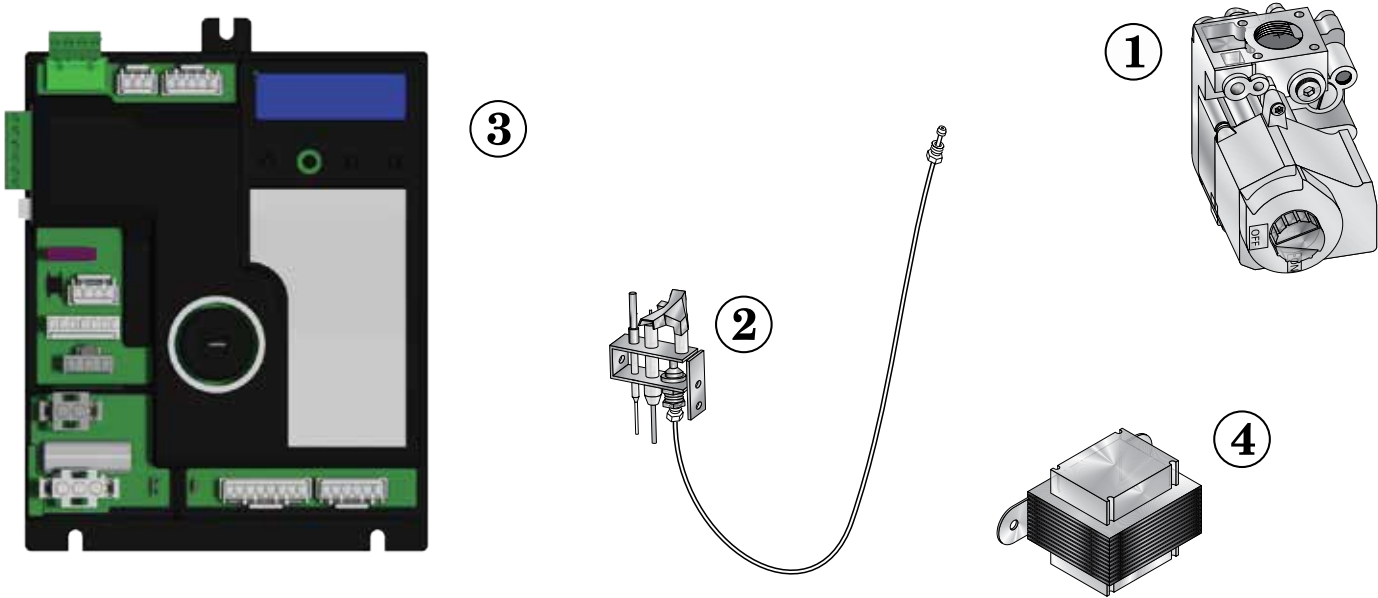
Item Number	Description		Part Number
1	Pressure relief valve, ASME, 30PSIG, 3/4" (Fittings shown are factory-installed on boiler.)		383-500-095
2	Combination pressure-temperature gauge, 3 1/8," diameter, short shank (Fittings shown are shipped loose with boiler.)		380-000-000
3	Drain valve, 3/4" (Fittings shown are included with boiler.)		511-210-423
4	Circulator (Fittings shown are shipped loose with boiler.)	CGa 25 - 5 CGa 6 - 8	511-405-153 511-405-113
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 1" NPT — CGa-3 through CGa-5 1 1/4" NPT — CGa-6 and CGa-7 1 1/2" NPT — CGa-8		381-354-530 381-354-525 381-354-526 381-354-531
6	Circulator wiring harness kit, spark-ignited with Molex (loose)		381-356-528



Parts (continued)

Spark Ignited Controls

Figure 36 Gas control components



Item Number	Description	Part Number
Natural gas components		
1	Gas Valve, ½" x ½"	CGa-25 through CGa-6
	Gas valve, ¾" x ¾"	CGa-7 & CGa-8
2	Pilot kit w/orifice & aluminum pilot gas tubing	511-044-381 511-044-382 511-330-218
Propane gas components		
1	Gas Valve, ¾" x ¾"	CGa-25 through CGa-7
	Gas Valve, ¾" x ¾"	CGa-8
2	Pilot kit w/orifice & aluminum pilot gas tubing	511-044-356 511-044-366 511-330-273
Natural gas and Propane gas components		
3	Control Module - Natural gas	383-301-211
	- Propane gas	381-330-046
not shown	Wiring Harness, Controls to Control Module (Natural Gas)	381-359-431
not shown	Wiring Harness, Controls to Control (Propane)	381-359-435
not shown	Wiring Harness, Control to Junction Box	381-359-447
not shown	Terminal Block, Thermostat Wiring	381-359-430
not shown	Wiring Harness, Water Temperature/LWCO Sensor	381-359-438
4	Control Transformer	383-500-628
Miscellaneous Optional Kits		
not shown	Outdoor Temperature Sensor - Wired	381-356-586
not shown	Outdoor Temperature Sensor - Wireless	384-000-325
not shown	Antifreeze, Sentinel X500, 1 Gallon	592-900-029
not shown	Antifreeze, Sentinel X500, 5 Gallon	592-900-006
not shown	Corrosion Inhibitor, Sentinel X100	592-900-002
not shown	Cleaner, Sentinel X400 (1 gallon)	592-900-028
not shown	Sentinel X100 Quick Test Kit	592-900-005