

CGi - Series 2 & 3 Section Assembly Parts

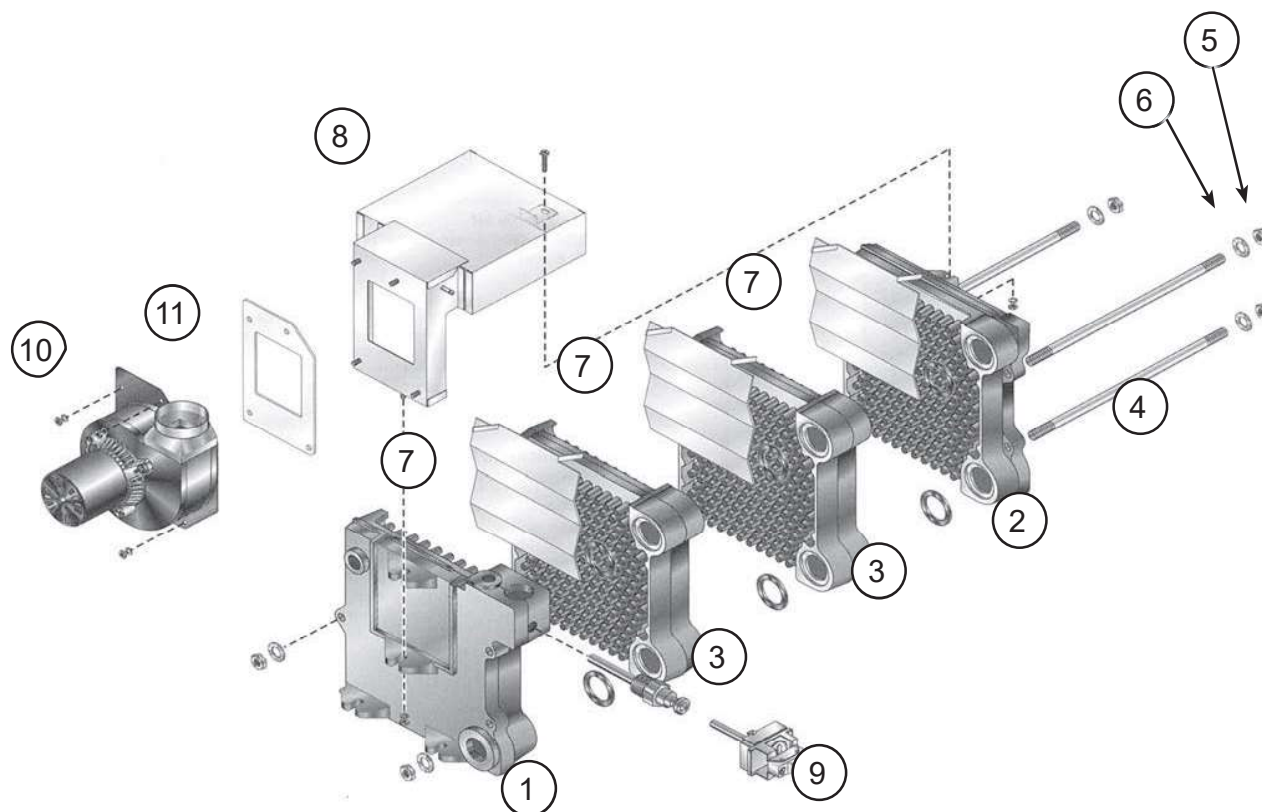


Fig. No.	Part No.	Description	Mfr.	Mfr.'s Part No.	Boiler Size
1	311-103-851	End Section, Left Hand, Cast #51124- Series 2 Only	Weil-McLain		All
	311-103-850	End Section, Left Hand, Cast #51124- Series 3 Only	Weil-McLain		All
2	311-103-821	End Section, Right Hand, Cast #51128	Weil-McLain		All
3	311-103-818	Intermediate Section, Cast #51125	Weil-McLain		All
N/S	321-114-286	Replacement Section Assembly - (Includes Well) Series 2, and 3	Weil-McLain		25, 3
	321-114-287		Weil-McLain		4
	321-114-288		Weil-McLain		5
	321-114-289		Weil-McLain		6
	321-114-290		Weil-McLain		7
	321-114-291		Weil-McLain		8
	381-354-527	Section Replacement Kit (Includes: Seals and Sealant For (1) Joint)	Weil-McLain		All

CGi - Series 2 & 3

Section Assembly Parts Continued

Fig. No.	Part No.	Description	Mfr.	Mfr.'s Part No.	Boiler Size
4	560-234-500	Tie Rod, 7/16" x 9" Without Nut (3 Required for Boiler)	Weil-McLain		25, 3
	560-234-501	Tie Rod, 7/16" x 12" Without Nut (3 Required for Boiler)	Weil-McLain		4
	560-234-502	Tie Rod, 7/16" x 15" Without Nut (3 Required for Boiler)	Weil-McLain		5
	560-234-503	Tie Rod, 7/16" x 18" Without Nut (3 Required for Boiler)	Weil-McLain		6
	560-234-504	Tie Rod, 7/16" x 21" Without Nut (3 Required for Boiler)	Weil-McLain		7
	560-234-505	Tie Rod, 7/16" x 24" Without Nut (3 Required for Boiler)	Weil-McLain		8
5	561-928-235	Nut, 7/16" (2 Per Tie Rod)	Weil-McLain		All
6	562-248-684	Washer, Lock 7/16" (1 Per Joint)	Weil-McLain		All
7	460-003-700	Radiation Plate (1 Per Joint)	Weil-McLain		All
8	450-000-010	Collector Hood and Transition Assembly Series 2 Only	Weil-McLain		25
	450-000-011		Weil-McLain		3
	450-000-012		Weil-McLain		4
	450-000-013		Weil-McLain		5
	450-00-014		Weil-McLain		6
	450-000-015		Weil-McLain		7
	450-000-016		Weil-McLain		8
	381-354-594	Collector Hood and Transition Assembly Series 3 Only	Weil-McLain		25
	381-354-595		Weil-McLain		3
	381-354-596		Weil-McLain		4
	381-354-597		Weil-McLain		5
	381-354-598		Weil-McLain		6
	381-354-599		Weil-McLain		7
	381-354-600		Weil-McLain		8
9	510-312-250	High Limit, 30° Differential With Well	Honeywell	L4090D-1036	All- Series 2
		High Limit, 30° Differential With Well	White-Rogers	11B81-3	
	381-356-577	Temperature Sensor, ½ " N.P.T	Tasseron	TSL055D	All -Series 3
10	381-356-499	Inducer Fan Assembly Kit (Includes: Inducer Fan Assembly, Gasket and Nuts)	Fasco	7062-5326	Series-2
				7021-10410	
	381-354-588	Inducer Fan Assembly Kit - (Includes Gasket and Instructions)			Series 3
11	590-317-627	Gasket, Inducer	Weil-McLain		All

Number of burners:

CGi-25: 2 burners

CGi-3: 2 burners

CGi-4: 3 burners

CGi-5: 4 burners

CGi-6: 5 burners

CGi-7: 6 burners

CGi-8: 7 burners

CGi - Series 2 & 3 Base Assembly Parts

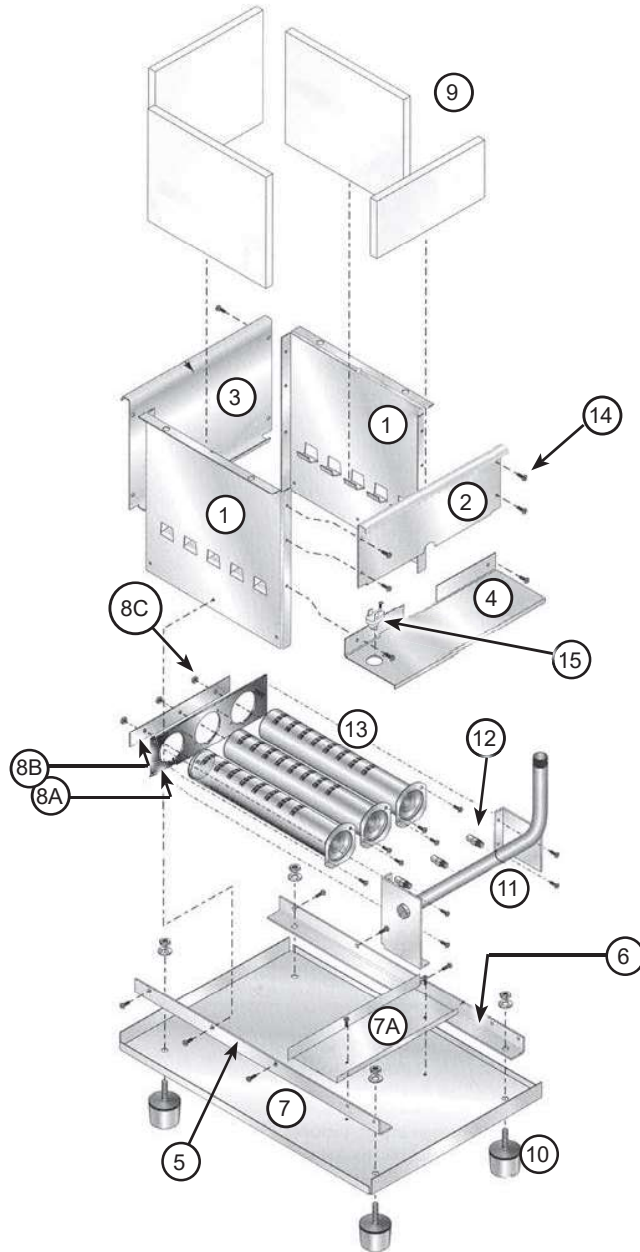


Fig. No.	Part No.	Description	Boiler Size
N/S	381-354-337	Base Assembly Kit (Includes: Base Side Panel, Base Front Cross Tie Assembly, Base Back Cross Tie Assembly, Burner Shield, Base Pan Angle Left And Right Side and Base Pan Baffle)	25, 3
	381-354-338		4
	381-354-339		5
	381-354-340		6
	381-354-341		7
	381-354-342		8
1		Base Side Panel (In Base Assembly Kit)	All
2		Base Front Cross-Tie Assembly (In Base Assembly Kit)	All
3		Base Back Cross-Tie Assembly (In Base Assembly Kit)	All
4		Burner Shield (In Base Assembly Kit)	All
5		Base Pan Angle, Left Side (In Base Assembly Kit)	All

CGi - Series 2 & 3

Base Assembly Parts Continued

Fig. No.	Part No.	Description	Boiler Size
6		Base Pan Angle, Right Side (In Base Assembly Kit)	All
7		Base Pan (In Base Assembly Kit)	All
7A		Base Pan Air Baffle (In Base Assembly Kit)	All
8A	450-003-690	Burner Mounting Plate	25, 3
	450-003-691		4
	450-003-692		5
	450-003-693		6
	450-003-795		7
	450-003-796		8
8B	550-320-160	Rear Spacing Strip	25, 3
	550-320-161		4
	550-320-162		5
	550-320-163		6
	550-320-164		7
	550-320-165		8
8C	Purchase Locally	Nut, HEX 5mm Zinc Plated	All
9	381-354-330	Base Insulation Kit	25, 3
	381-354-331		4
	381-354-332		5
	381-354-333		6
	381-354-334		7
	381-354-335		8
10	550-320-219	Boiler Leg Kit	All
11	591-126-735	Manifold	25, 3
	591-126-736		4
	591-126-737		5
	591-126-738		6
	591-126-739		7
	591-126-740		8
12	560-529-084	Main Burner Orifice LP Gas 0-1999', 54 Drill, (CGi - 25 - All)	
	560-529-111	Main Burner Orifice LP Gas 0-1999', 1.60 mm, (CGi 3,5,4E Series 2) (CGi 3-5 Series 3)	
	560-529-078	Main Burner Orifice LP gas 0-1999'- 1.65mm , (CGi 4,6-8 Series 2) (CGi 6-8 Series 3)	
	560-529-090	Main Burner Orifice Natural Gas 0-1999', 2.30mm, (CGi-25 - All)	
	560-529-126	Main Burner Orifice Natural Gas 0-1999', 2.55mm, (CGi 3-6,4E Series 2) (CGi 3-5 Series 3)	
	560-529-077	Main Burner Orifice Natural Gas 0-1999' 2.70mm, (CGi 7-8 Series 2) (CGi 6-8 Series 3)	
13	512-200-076	Burner	All
14	Purchase locally	Screw, 10-32 x /38 STP type 23 HEX, Washer Heat Slot	All
15	512-050-230	Rollout Thermal Fuse Element (229°C) (Elmwood Sensors RD226-001 or Microtemp G4AM06 00229C)	All

CGi - Series 2 Control Parts

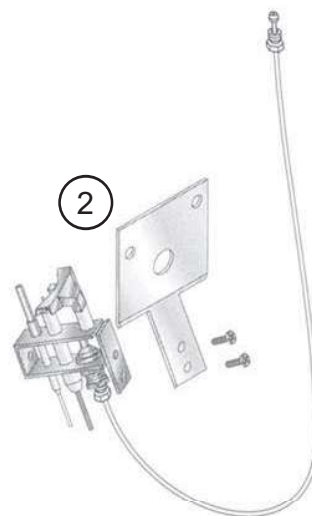
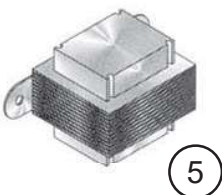
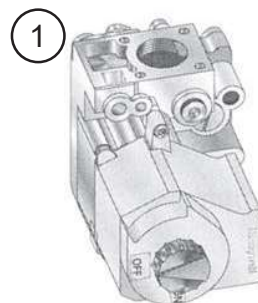
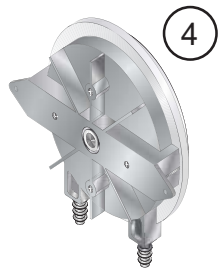


Fig. No.	Part No.	Description	Mfr.	Mfr.'s Part No.	Boiler Size
Natural Gas Components - Series 2					
1	511-044-381	Gas Valve, 1/2" x 1/2"	Honeywell	VR8204A-2001	25, 3, 4, 5, 6
			White-Rogers	36E36-266	
	511-044-353	Gas Valve, 3/4" x 3/4"	Honeywell	VR8304M-4002	7, 8
			White-Rogers	36C68-478	
	511-044-508	Natural Gas Valve, 1/2", Two Stage, .9" W.C. Low Fire and 3.5" W.C. High Fire, Low and High Fire Adjustable	Honeywell	R8204Q-2434	4E
2	511-330-080	Pilot Assembly Kit With Orifice and Aluminum Pilot Gas Tubing (Pilot Bracket Sold Separate)	PSE	PSE-NA231	All
Propane Gas Components - Series 2					
1	511-044-354	Gas Valve, 1/2" x 1/2"	Honeywell	VR8204M-2701	25, 3, 4, 5, 6
	511-044-355	Gas Valve, 3/4" x 3/4"	Honeywell	VR8304M-4010	7, 8
	511-044-510	LP Gas Valve, 1/2", Two Stage, 3.5" W.C. Low Fire, and 10.0" W.C. High Fire, Low and High Fire Adjustable	Honeywell	VR8204Q-2459	4E
2	511-330-081	Pilot Assembly Kit With Orifice and Aluminum Pilot Gas Tubing (Pilot Bracket Sold Separate)	PSE	PSE-LP231	All

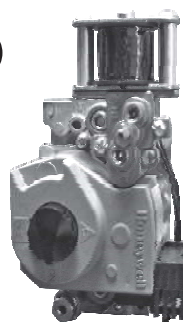
CGi - Series 2 Control Parts Continued

Fig. No.	Part No.	Description	Mfr.	Mfr.'s Part No.	Boiler Size
Natural Gas and Propane Components - Series 2					
N/S	450-003-689	Pilot Bracket			All
	Purchase Locally	Machine Screw, Pan Head Phillips, 10-32 x .19" Zinc Plated (2 Each For Pilot Bracket)			All
	381-356-528	Wiring-Harness Circulator			
3	511-330-090	Control Module With 10 Second Pre-Purge	United Technologies	1107-1	All
N/S	591-391-894	Wiring Harness, Controls To Control Module			All
	591-391-900	Wire Harness, J-box To Control Module - 120 Volt			All
	591-391-951	Wiring Harness, Controls			4E
	591-391-954	Timer Harness			4E
	510-350-468	Delay Timer - 24 Volt., 90 Second, Delay on Make	ABB	TS12190	4E
4	511-624-401	Air Pressure Switch 1.79" W.C.	Tri-Delta	PPS10171-3013	25, 3
	511-624-302	Air Pressure Switch 1.40" W.C.	Tri-Delta	PPS10171-3094	4
	511-624-303	Air Pressure Switch 1.12" W.C.	Tri-Delta	PPS10171-3095	5
	511-624-304	Air Pressure Switch .80" W.C.	Tri-Delta	PPS10171-3096	6, 8
	511-624-405	Air Pressure Switch .75" W.C.	Tri-Delta	PPS10171-3031	7
	511-624-657	Air Pressure Switch - 1.36" W.C.	Cleveland	NS2-1047-09	4E
5	511-842-370	24 Volt Step Down Transformer, 40 VA	Honeywell	AT140B-1297	All
			Basler Electric	BE111640GDD	
N/S	590-317-650	Air Pressure Switch Tubing, Red, .12 ID Silicone, 17"	Manufacturer Rubber Supply		All
	590-317-651	Air Pressure Switch Tubing, White, .12 ID Silicone, 19"	Manufacturer Rubber Supply		All
	510-811-010	Natural to LP Conversion Kit CGi			25
	510-811-011				3 & 5
	510-811-012				4 & 6
	510-811-013				7 & 8
	510-811-124				4E
	510-811-014	LP to Natural Conversion Kit CGi			25
	510-811-015				3 & 5
	510-811-016				4 & 6
	510-811-017				7 & 8
	510-811-098				4E

CGi - Series 3 Control Parts

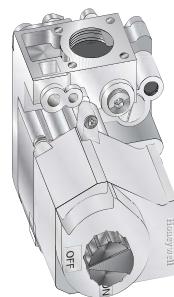


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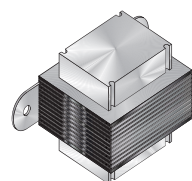
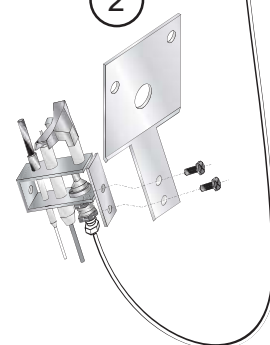


CGi 4 Only

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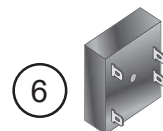


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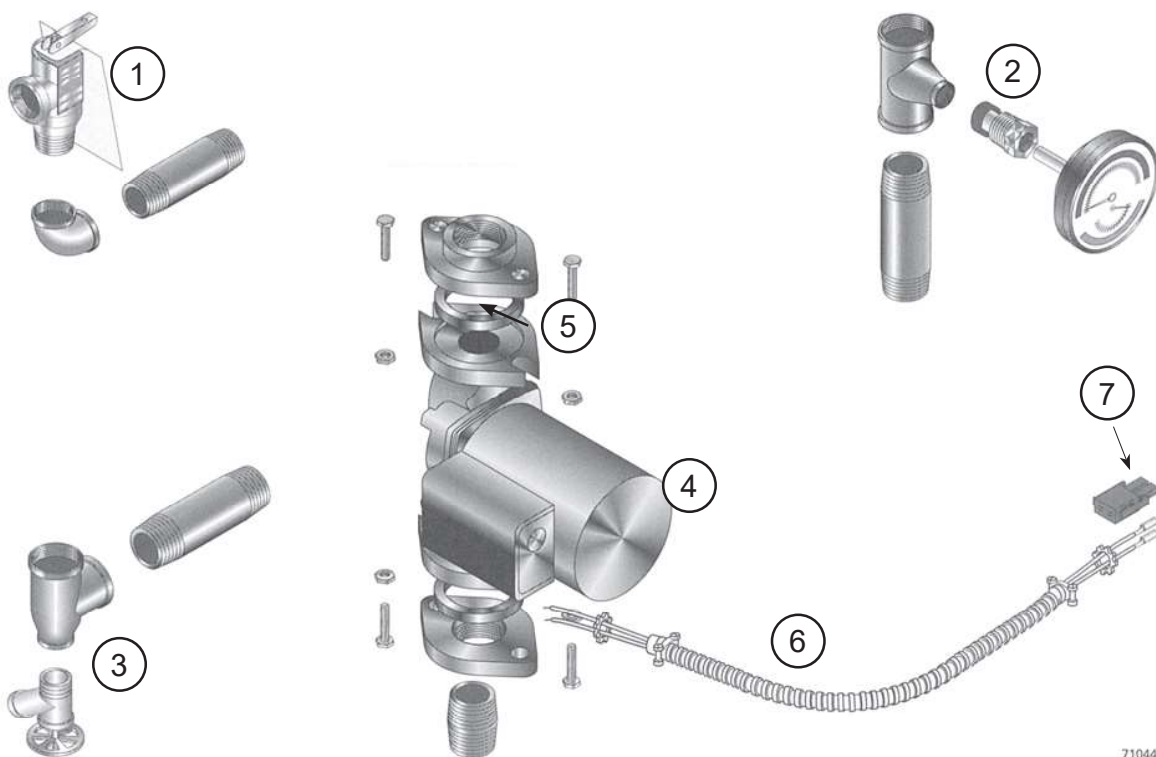
CGi 4 Only

Fig. No.	Part No.	Description	Mfr.	Mfr.'s Part No.	Boiler Size
Natural Gas Components - Series 3					
1	511-044-381	Gas Valve, 1/2" x 1/2"	Honeywell	VR8204A-2001	25, 3, 5, 6
			White-Rogers	36E36-266	
	511-044-353	Gas Valve, 3/4" x 3/4"	Honeywell	VR8304M-4002	7, 8
			White-Rogers	36C68-478	
	511-044-508	Natural Gas Valve, 1/2", Two Stage, .9" W.C. Low Fire and 3.5" W.C. High Fire, Both Adjustable	Honeywell	VR8204Q-2434	4
2	511-330-080	Pilot Assembly Kit With Orifice and Aluminum Pilot Gas Tubing (Pilot Bracket Sold Separate)	PSE	PSE-NA231	All
Propane Gas Components - Series 3					
1	511-044-354	Gas Valve, 1/2" x 1/2"	Honeywell	VR8204M-2701	25, 3, 5, 6
			White Rodgers	36E36-291	
	511-044-355	Gas Valve, 3/4" x 3/4"	Honeywell	VR8304M-4010	7, 8
			White Rodgers	36C68-479	
	511-044-510	LP Gas Valve, 1/2", Two Stage, 3.5" W.C. Low Fire, and 10.0" W.C. High Fire, Both Adjustable	Honeywell	VR8204Q-2459	4
2	511-330-081	Pilot Assembly Kit With Orifice and Aluminum Pilot Gas Tubing (Pilot Bracket Sold Separate)	PSE	PSE-LP231	All
Series 3 Only - Control Kits					
N/S	381-356-586	Outdoor Temperature Sensor Kit - (Includes Sensor, Wire Harness, and Instructions)			All
	381-356-585	Zone Interface Harness Kit - (Includes Wire Harness, Cable Clamp, and Instructions)			All
	383-500-125	Outdoor Sensor - 30/50°C, 12 Kohms			

CGi - Series 3 Control Parts Continued

Fig. No.	Part No.	Description	Mfr.	Mfr.'s Part No.	Boiler Size
Natural Gas and Propane Components - Series 3					
N/S	450-003-689	Pilot Bracket			All
	Purchase Locally	Machine Screw, Pan Head Phillips, 10-32 x .19" Zinc Plated (2 Each For Pilot Bracket)			All
	591-391-976	Wiring-Harness Circulator			All
	591-391-989	Wiring Harness, Controls To Module			4
	591-391-978	Wiring Harness, Controls To Module			3,5-8
	591-391-975	Wire Harness, J-box To Control Module			All
	591-392-006	Wiring Harness, Thermostat			All
	591-391-995	Temperature Sensor Wire Harness			All
	591-391-954	Time Delay To Gas Valve Wire Harness			4
6	510-350-468	Delay Timer - 24 v., 60 Second, Delay On Make	ABB	TS12190	4
4	511-624-401	Air Pressure Switch 1.79" W.C.	Tri-Delta	PPS10171-3013	25, 3
	511-624-657	Air Pressure Switch 1.36" W.C.	Cleveland	NS2-1047-09	4
	511-624-303	Air Pressure Switch 1.12" W.C.	Tri-Delta	PPS10171-3095	5
	511-624-304	Air Pressure Switch .80" W.C.	Tri-Delta	PPS10171-3096	6, 8
	511-624-405	Air Pressure Switch .75" W.C.	Tri-Delta	PPS10171-3031	7
5	381-356-578	24 Volt Step Down Transformer, 40 VA	Honeywell	AT140B-1297	All
N/S	590-317-650	Air Pressure Switch Tubing, Red, .12 ID Silicone, 17", To Collector Hood	Manufacturer Rubber Supply		All
	590-317-651	Air Pressure Switch Tubing, White, .12 ID Silicone, 19" To Transition Box	Manufacturer Rubber Supply		All
3	381-330-012	Ignition Control Module Includes Limit Control	U/T	1135-615	All
N/S	381-356-577	Boiler Temperature Sensor, ½" N.P.T	Tasseron	TSD01BW-R	All
	381-356-586	Outdoor Temperature Sensor Kit - (Includes Sensor, Wire Harness, and Instructions)			All
	381-356-585	Zone Interface Harness Kit - (Includes Wire Harness, Cable Clamp, and Instructions)			All
	510-811-260	Natural To LP Conversion Kit CGi			25
	510-811-262				3 & 5
	510-811-264				4
	510-811-266				6
	510-811-268				7 & 8
	510-811-261	LP To Natural Conversion Kit CGi			25
	510-811-263				3 & 5
	510-811-265				4
	510-811-267				6
	510-811-269				7 & 8

CGi - Series 2 & 3 Water Trim Parts

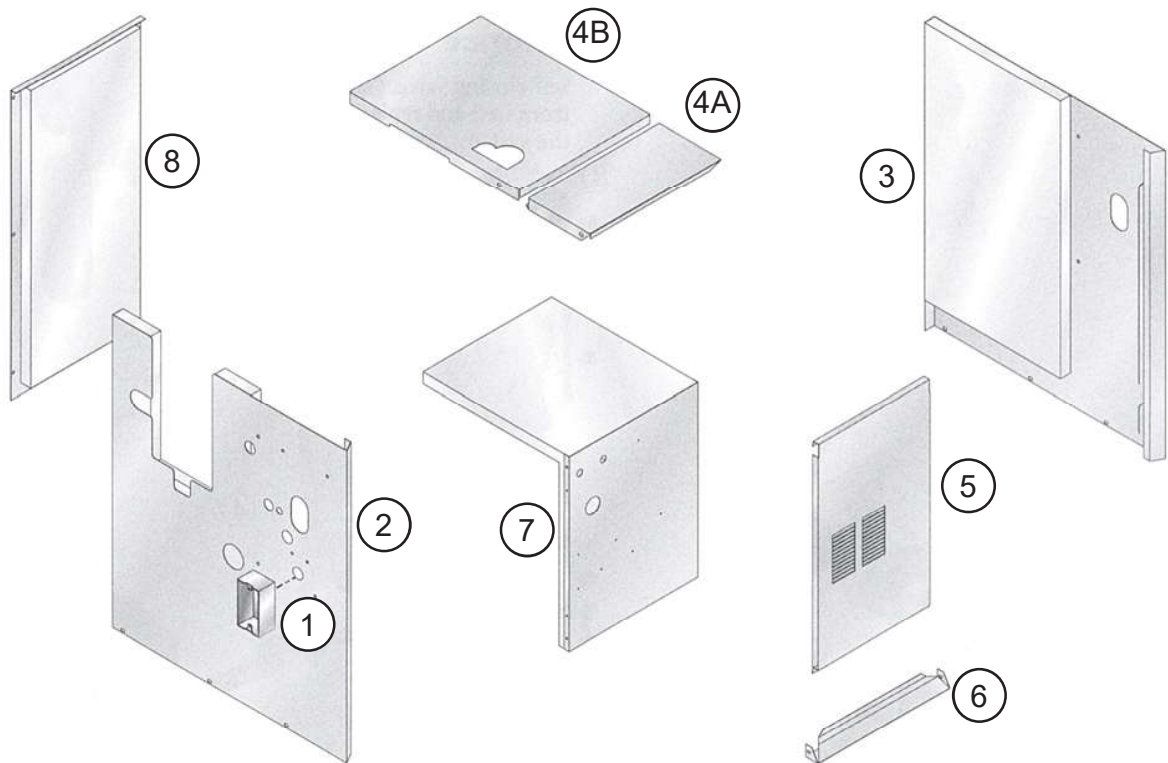


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Fig. No.	Part No.	Description	Mfr.	Mfr.'s Part No.	Boiler Size
1	383-500-095	Pressure Relief Valve, ASME, 30 PSIG, 3/4" Male Inlet*	Conbraco Watts	10-407-05 M330	All
2	380-000-000	Combination Pressure-Temperature Gauge kit, 60° - 360° F, 0 - 75 PSI, 3 1/8" Dia., 1/4" N.P.T., Short Shank, With 1/4" x 1/2" Reducing Bushing	Weil-McLain		All
3	511-210-423	Drain Valve, 3/4"	Conbraco	31-606-01	All
			Nibco	74	All
	511-246-392	Drain Valve, 3/4"	Matco-Rorca		All
4	511-405-113	Circulator*	Taco	007	All
5	590-317-535	Circulator Gasket, Universal (2 Per Boiler)	Weil-McLain		All
N/S	381-354-530	Circulator Hardware Kit (Includes: 1 Flange, 1 Gasket, 2 Nuts, 2 Screws – 3/4" N.P.T.)	Weil-McLain		25
	381-354-525	Circulator Hardware Kit (Includes: 1 Flange, 1 Gasket, 2 Nuts, 2 Screws – 1" N.P.T.)	Weil-McLain		3, 4, 5
	381-354-526	Circulator Hardware Kit (Includes: 1 Flange, 1 gasket, 2 Nuts, 2 Screws – 1 1/4" N.P.T.)	Weil-McLain		6, 7
	381-354-531	Circulator Hardware Kit (Includes: 1 Flange, 1 gasket, 2 Nuts, 2 Screws – 1 1/2" N.P.T.)	Weil-McLain		8
6	381-356-528	Circulator Wiring Harness Kit With Molex (Series 2)	Weil-McLain		All
	591-391-976	Circulator Wiring Harness Kit With Molex (Series 3)	Weil-McLain		All
7	563-210-632	Red Male Connector - Circulator Harness	Weil-McLain		All

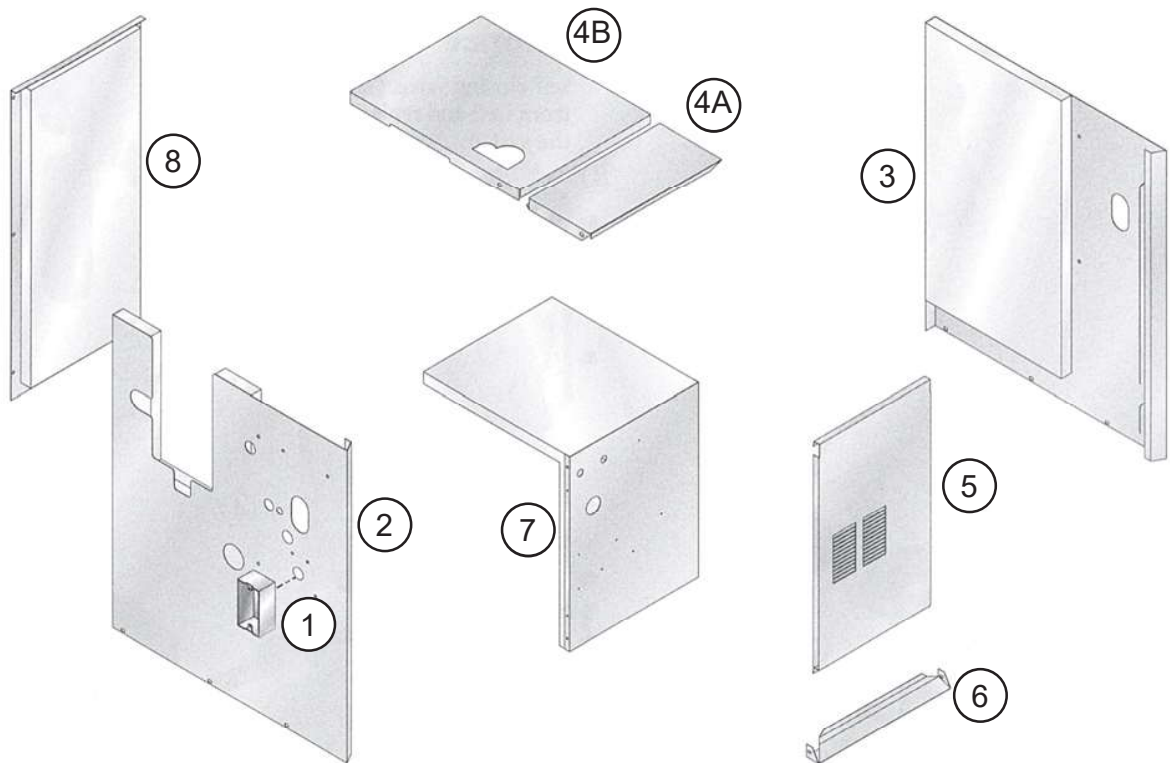
* Pipe fittings available locally.

CGi - Series 2 Jacket Assembly Parts



Boiler Model	1	2		3	4A	4B	Boiler Model
	Junction box, 2 x 4	Panel, left side, with insulation		Panel, right side, with insulation	Panel, top front, with insulation	Panel, top rear, with insulation	
		Natural Gas	Propane Gas				
	Weil-McLain part number						
CGi-25	(Available at local supply house)	381-355-534	381-355-581	381-355-757	381-355-403	381-355-539	CGi-25
CGi-3		381-355-541	381-355-584	381-355-758	381-355-403	381-355-539	CGi-3
CGi-4		381-355-546	381-355-587	381-355-759	381-355-413	381-355-551	CGi-4
CGi-5		381-355-553	381-355-590	381-355-793	381-355-420	381-355-558	CGi-5
CGi-6		381-355-560	381-355-601	381-355-793	381-355-427	381-355-565	CGi-6
CGi-7		381-355-567	381-355-604	381-355-793	381-355-434	381-355-572	CGi-7
CGi-8		381-355-574	381-355-607	381-355-793	381-355-441	381-355-579	CGi-8
CGi-4E		381-355-610	381-355-612				CGi-4E
Boiler Model	5	6	7	8	N/S	Boiler Model	
	Panel, door	Cross tie, bottom front	Panel, interior, with insulation	Panel, rear, with insulation	Gold touch-up paint		
	Weil-McLain part number						
CGi-25/3	381-355-540	431-223-325	381-355-405	431-223-300	592-000-000 (12 oz Can)	CGi-25/3	
CGi-4	381-355-552	431-223-326	381-355-415	431-223-301		CGi-4	
CGi-5	381-355-559	431-223-327	381-355-422	431-223-327		CGi-5	
CGi-6	381-355-566	431-223-328	381-355-429	431-223-302		CGi-6	
CGi-7	381-355-573	431-223-329	381-355-436	431-223-303		CGi-7	
CGi-8	381-355-580	431-223-330	381-355-443	431-223-304		CGi-8	
CGi-4E	381-355-611			431-223-305		CGi-4E	

CGi - Series 3 Jacket Assembly Parts



Boiler Model	1	2		3	4A	4B	Boiler Model
	Junction box, 2 x 4	Panel, left side, with insulation		Panel, right side, with insulation	Panel, top front, with insulation	Panel, top rear, with insulation	
		Natural Gas	Propane Gas				
	Weil-McLain part number						
CGI-25 CGi-3 CGi-4 CGi-5 CGi-6 CGi-7 CGi-8	(Available at local supply house)	381-355-851	381-355-895	381-355-699	381-355-403	381-355-539	CGI-25
		381-355-858	381-355-898	381-355-699	381-355-403	381-355-539	CGi-3
		381-355-864	381-355-901	381-355-699	381-355-413	381-355-551	CGi-4
		381-355-871	381-355-904	381-355-793	381-355-420	381-355-558	CGi-5
		381-355-877	381-355-907	381-355-793	381-355-427	381-355-565	CGi-6
		381-355-883	381-355-910	381-355-793	381-355-434	381-355-572	CGi-7
		381-355-889	381-355-913	381-355-793	381-355-441	381-355-579	CGi-8
Boiler Model	5	6	7	8	N/S	Boiler Model	
	Panel, door	Cross tie, bottom front	Panel, interior, with insulation	Panel, rear, with insulation	Gold touch-up paint		
	Weil-McLain part number						
CGi-25/3 CGi-4 CGi-5 CGi-6 CGi-7 CGi-8	381-355-540 381-355-552 381-355-559 381-355-566 381-355-573 381-355-580	431-223-325 431-223-326 431-223-327 431-223-328 431-223-329 431-223-330	381-355-405 381-355-415 381-355-422 381-355-429 381-355-436 381-355-443	431-223-300 431-223-301 431-223-302 431-223-303 431-223-304 431-223-305	592-000-000 (12 oz Can)	CGi-25/3 CGi-4 CGi-5 CGi-6 CGi-7 CGi-8	