

TO: All Weil-McLain Distributors and Agents
FROM: Mike Boyd – Product Marketing Manager



SUBJECT: Higher Efficiency Rated CGi-4E Now Standard Offering

CELEBRATING ENERGY STAR's 20TH ANNIVERSARY

In February of 2009, we introduced our “Enhanced” Energy Star CGi-4E boiler to complement our existing CGi-4 boiler. The reception has been incredible; as a result, we are discontinuing the regular CGi-4 boiler with the CGi-4E becoming the standard offering.

The timing couldn't be better, as the Department of Energy is celebrating the 20th anniversary of the Energy Star program. The CGi-4E 85% AFUE rating gives homeowners the option to take advantage of energy efficient incentives, like those that are associated with the Energy Star program.

During this transitional period, we are offering a promotional price on the Energy Star product – a price match to the CGi-4; now through July 31st. For a limited time, you'll be able to get the Energy Star qualified product at the non-qualifying price. Take advantage of this great opportunity, as prices this low will not last!



NEW PROMOTIONAL CGi-4E TRADE PRICES EFFECTIVE 4/4/12 (Addendum to TPS #50)



NOW ONLY OFFERING – CGi-4E BOILERS			DISCONTINUED CGi-4 BOILERS		
Part Number	Description	New Trade	Part Number	Description	Trade
381-355-056	CGi-4E PIN Blr S2 T-007	\$ 2,400	381-355-046	CGi-4 PIN Blr S2 T-007	\$ 2,400
381-355-115	CGi-4E PIN Blr S2 No circ	\$ 2,321	381-355-102	CGi-4 PIN Blr S2 No circ	\$ 2,321
381-355-083	CGi-4E PIL Blr S2 T-007	\$ 2,400	381-355-073	CGi-4 PIL Blr S2 T-007	\$ 2,400
381-355-114	CGi-4E PIL Blr S2 No circ	\$ 2,321	381-355-109	CGi-4 PIL Blr S2 No circ	\$ 2,321
381-355-208	CGi-4E PIN Blr S2 T-007 Alt 2-4K	\$ 2,400	381-355-203	CGi-4 PIN Blr S2 T-007 Alt 2-5K	\$ 2,400
381-355-228	CGi-4E PIN Blr S2 T-007 Alt 4-7K	\$ 2,400	381-355-223	CGi-4 PIN Blr S2 T-007 Alt 5-7K	\$ 2,400
381-355-248	CGi-4E PIN Blr S2 T-007 Alt 7-9K	\$ 2,400	381-355-243	CGi-4 PIN Blr S2 T-007 Alt 7-9K	\$ 2,400
381-355-268	CGi-4E PIN Blr S2 T-007 Alt 9-10K	\$ 2,400	381-355-263	CGi-4 PIN Blr S2 T-007 Alt 9-10K	\$ 2,400
381-355-308	CGi-4E PIL Blr S2 T-007 Alt 2-7K	\$ 2,400	381-355-303	CGi-4 PIL Blr S2 T-007 Alt 2-7K	\$ 2,400
381-355-328	CGi-4E PIL Blr S2 T-007 Alt 7-10K	\$ 2,400	381-355-323	CGi-4 PIL Blr S2 T-007 Alt 7-10K	\$ 2,400



ABBREVIATIONS: PIN (Intermittent Pilot – Natural Gas), PIL (Intermittent Pilot – Propane Gas, LP)



For your reference, the design differences between the CGi-4 and CGi-4E boilers are identified on the next page. If you have questions, please contact our Technical Services department at 1-800-526-6636, or your Weil-McLain sales representative.



And as always, thank you for your continued support of Weil-McLain products and services.


The Part Differences Between the Existing CGi-4 and the CGi-4E Boilers


Current CGi-4	Current CGi-4E
Gas Valve (Single Stage); -1/2" x 1/2" w/ Hose Barb	Gas Valve (Staged); -0.9" to 3.5" (Natural); -3.5" to 9.5" (LP)
CGi-4: NG WM p/n 511-044-381 LP WM p/n 511-044-354	CGi-4E: NG WM p/n 511-044-508 LP WM p/n 511-044-510
	
Change from Single Stage Gas Valve to two Stage Gas Valve to improve efficiency.	

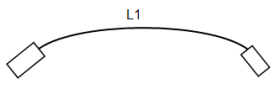
Pressure Switch	
WM p/n: CGi-4: 511-624-302	WM p/n: CGi-4E: 511-624-657
	
Pressure Set Points CGi-4: 1.40	Pressure Set Points CGi-4E: 1.36
New set point required for Blower, Gas Orifice, & Flue Orifice design changes.	

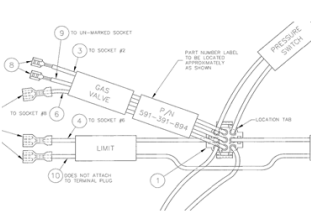
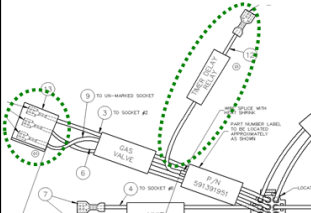
Gas Orifice	
CGi-4 p/n: Natural Gas: 560-529-077 LP: 560-529-078	CGi-4E p/n: Natural Gas: 560-529-126 LP: 560-529-111
	
Natural Gas Diameter: 2.7mm LP Diameter: 1.65mm	Natural Gas Diameter: 2.55mm LP Diameter: 1.60mm
Current Input Rate CGi-4: 100,000	New Input Rate: CGi-4E: 90,000
High Altitude Orifices Changed as well. Please refer to Kit Manual for p/n's.	

Blower (Shaded Pole):	Blower (PSC):
CGi-4 p/n: 381-356-499 (FASCO p/n: 7021-10410)	CGi-4E p/n: 381-356-499 (FASCO p/n: 7062-5326)
	
Improve robustness of Blower for wind and blockage conditions-used same part #.	

Ratings	
Input 100 MBH, Net IBR 74 MBH, AFUE 84.0	Input 90 MBH, Net IBR 66 MBH, AFUE 85.0
	

Current CGi-4	Current CGi-4E
Time Delay Relay	
NONE	CGi-4E p/n: 510-350-468 (ABB TS12190)
	

Timer Harness #1	
NONE	CGi-4E p/n: 591-391-954
	18 Gauge; UL1015 L1=13.85";
	
	2x 1/4" Female Terminal, Fully Insulated
Connects Time Delay Relay to High Fire Terminal of Gas Valve.	

Wire Harness - Control	
WM p/n: CGi-4: 591-391-894	WM p/n: CGi-4E: 591-391-951
	
Added quick connect to Gas Valve terminals and additional wire for Time Delay Relay.	

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381-355-303 PIL S2 T-007 Alt 2-7K 381-355-232 PIL S2 T-007 Alt 7-10K	381-355-308 PIL S2 T-007 Alt 2-7K 381-355-328 PIL S2 T-007 Alt 7-10K

Higher Efficiency - was 84.0, now 85.0 AFUE
Qualifies for Energy Star rebates!