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Subject CGt conversion to cold start boiler

CGt conversion to cold start boiler

We have received numerous requests for information about converting CGt boilers to cold start operation for use with an indirect tank.

Conversion of a **CGt before CP 5952944** to cold start can be done either of two ways.

- 1) Unplug the wiring harness at the 3-way valve and remove the head so the homeowner can't plug it back in.
- 2) Disconnect either of the wires from the tankless coil aquastat and tape it off.

Conversion of a **CGt CP 5952944 or newer** to cold start can only be done by disconnecting one of the wires from the tankless aquastat and taping it off. Unplugging the actuator cable will not work on the new version of the CGt.

*Remove 3 way valve & Actuator
And get CGT-55-2, wiring harness - 591-391-894*

For either version, reset the high limit to a lower temp as in the CGi.

*Leave Actuator Alone (on).
Leave Tankless coil open*

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No trees were killed in the sending of this message. However, a large number of electrons were terribly inconvenienced.

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Series 2

Gas-Fired Water Boilers
with Tankless Heater

Addendum DOE Output Correction's

KEEP THIS ADDENDUM WITH BOILER MANUAL

Replace the Ratings Table on page 67 of the CGt Series 1 Boiler Manual with the following table:



Table 9 Boiler ratings

Boiler model number	DOE Heating capacity (Btuh)	Input (Btuh)	Output (Btuh)	Net AHRI ratings (Btuh)	Boiler water content (gallons)	DOE Seasonal efficiency (% AFUE)	Vent size	
							Direct exhaust	Chimney draft
	(Note 1)			(Note 2)			(Note 3)	
CGt-PIN	109,000	133,000	109,000	94,000	3.1	82.1	3"	5"
Notes	1. Based on standard test procedures prescribed by the United States Department of Energy. 2. Net AHRI ratings are based on net installed radiation of sufficient quantity for the requirements of the building and nothing need be added for normal piping and pickup. Ratings are based on a piping and pickup allowance of 1.15. An additional allowance should be made for unusual piping and pickup loads. 3. Direct exhaust CGt boilers require special venting, consistent with Category III boilers. Use only the vent materials and methods specified in this manual. Chimney draft vented CGt boilers may use type B vent or other materials suitable for venting Category I boilers.							

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