

PN 83042-1: Mandatory Condensate “Y” Upgrade

Upgrade Reason:

NY Thermal Inc. has determined that the condensate Y located within the boiler may prematurely deteriorate, in applications where condensate acidity levels are unexplainably twenty times higher than normal. As NY Thermal Inc. cannot predict the occurrence of the anomaly, all Y fittings must be replaced immediately.

CAUTION:

Failure to perform this upgrade can cause serious injury to occupants possibly resulting in death.

Models Covered:

Trinity boiler Models Ti100, Ti150, Ti150C, Ti200 and Ti200C manufactured between Nov.28/05 and Jan.8/07 must be inspected. Boilers using the “Black-Y” in the construction of the condensate drain must be upgraded to the “Whitish-Y” included in this kit. *(For Ti400’s use upgrade kit PN 83037-1.)*

Parts Included:

- 1 – 83042: Replacement Condensate Y.
- 2 – 82139: Spare Gear Clamps.

Replacement Instructions:

- 1) Identify the color of the Condensate Y; if it is black replace it.



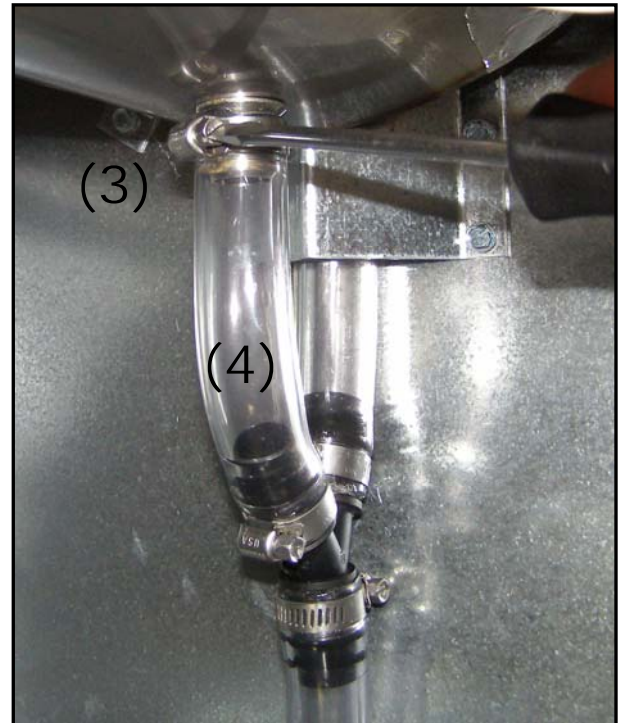
CAUTION: Do not cut or pull on this tube. It must remain connected to the boiler.

If the tube is disconnected from the back of the boiler, the boiler will need to be removed to repair.

- 2) Turn power off and remove the condensate trap from underneath the boiler.



- 3) Working inside the boiler cabinet remove the clamp securing the front condensate drain hose to the Heat Exchanger.

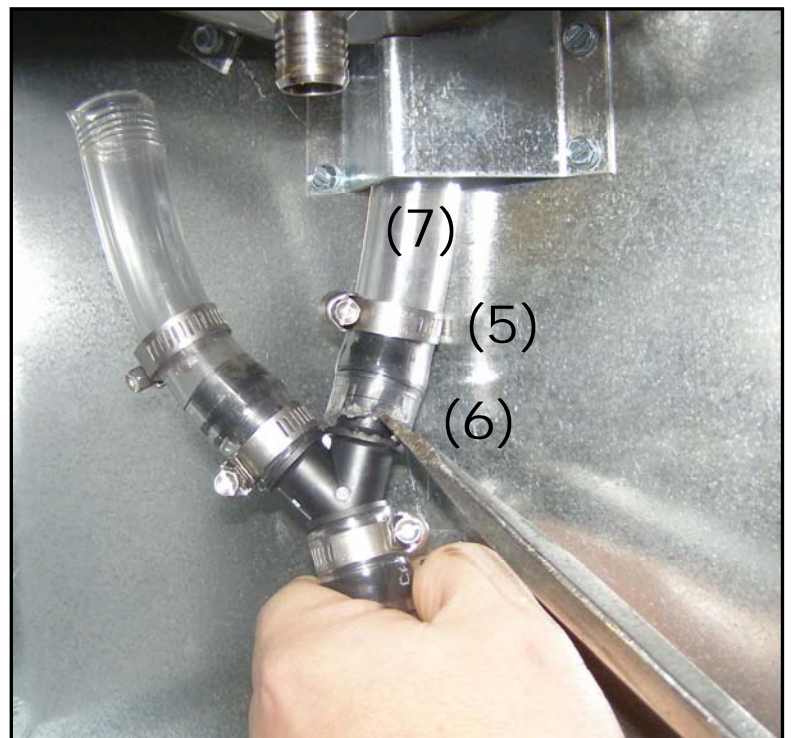


- 4) Disconnect the hose from the boiler only.

- 5) Loosen the clamp, and move it out of the way.

- 6) Very carefully, using a wide tipped flat screwdriver pry the tube off the "Y" connector.

- 7) **DO NOT PULL THE TUBING DOWN, AS IT MIGHT DISCONNECT FROM THE BACK.**



- 8) Remove the assembly and disconnect the remaining tubes from the old Y then re-install and secure the tubes onto the new Y (*Install longer tube on the bottom Y fitting*).
- 9) Install the new Y and connect the trap to the condensate drain.

Test Connection

- 10) Check for air leaks with soapy water by:
 - a. Turn gas supply off.
 - b. Unplug “Low-Voltage” Harness from combustion blower (Red/Black/Bare Wires).
 - c. Turn power on.
 - d. Combustion fan is running at full speed, check for air leaks in the condensate drain.
- 11) Turn power off, re-connect “Low-Voltage” harness to combustion blower, turn power and gas on, and check for proper operation.
- 12) Fill out the “Reimbursement Form” on the backside of this page and send to NTI for reimbursement.

Please print clearly



**83042-1: Mandatory
Condensate "Y" Upgrade**
For boilers manufactured between
Nov.28/05 and Jan.8/07

Mandatory Information Required

Wholesaler	City	Phone	Contact
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Mandatory Information Required

Owner Information	Name	Street	City	Province or State	Postal Code

Mandatory Unit Information Required

Model	Serial Number:	Date Installed:
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Mandatory Information For Payment

Installer Information	Name	Street	City	Province or State	Postal Code
	Contact Person	Phone Number	Fax Number	Email	

Mandatory Check List

Yes	No	
<input type="checkbox"/>	<input type="checkbox"/>	1) Was there any sign of deterioration of the "Y" fitting?
<input type="checkbox"/>	<input type="checkbox"/>	2) Is condensate piping back in place and sealed ? (must be Yes)
<input type="checkbox"/>	<input type="checkbox"/>	3) Did you test the new fitting for leaks ? (must be Yes)
<input type="checkbox"/>	<input type="checkbox"/>	4) Is this form completely filled out? (must be Yes)
<input type="checkbox"/>	<input type="checkbox"/>	5) Do you want to be contact by email of important NTI notices?
		6) Gas being used <input type="checkbox"/> Natural <input type="checkbox"/> Propane

Once completed fax this form to 506-633-8700 to receive \$65.00 reimbursement.