

82373-1 Trinity S.S. Flue Box (T150-200)



WARNING

T-Series Boilers Only- The flue box (smoke hood) contained in this kit is meant for use with Trinity T150-200 models only. Do not install on any other boiler models other than NTI Trinity T150-200. Failure to following instructions may result in unsafe operation, explosion, property damage or death.



NOTICE

Kit Contents - Check to ensure all the parts were included. Envelope contains small parts and instructions.

Applicable Boiler Models:

Trinity - T150-200

Kit Contents:

- #82373 - Stainless Steel Flue Box Assembly
- #81541 - Foil Backed Insulation, 1/4"
- #84608 - 2 x Bolts (M5-0.8 x 22)
- Replacement Instructions



Flue Box Replacement Instructions



WARNING

The instructions provided in this document are a supplement to the Installation and Operating Instructions originally provided with the boiler. Failure to follow the Installation and Operating Instructions may result in fire, explosion, property damage or loss of life.

Removal of existing smoke hood:

- 1) Turn power off to boiler.
- 2) Remove front cover.
- 3) Remove right-hand side panel.
- 4) Detach exhaust venting from Smoke Hood Collar.
- 5) Remove the two bolts securing the Smoke Hood to the boiler.
- 6) Remove the condensate drain from the Smoke Hood and remove the Smoke Hood.
- 7) If necessary, remove insulation and replace with insulation provided in the kit. (cut as necessary)

Installation of new smoke hood:

- 8) When installing the new flue box (smoke hood) be sure that the gasket lines up with the exhaust port of the boiler.
- 9) Use the Stack Sensor Bracket to secure the Smoke Hood to the boiler (Do not reuse bolts, instead use bolts provided with Smoke Hood). Apply pressure to the Smoke Hood while tightening to ensure a good seal. (Ensure that the bolts are threading in straight, cross threading could cause the bolt to break-off inside possibly rendering the boiler useless).
- 10) Reconnect the condensate drain to the Smoke Hood.
- 11) Reconnect the exhaust vent.
- 12) Turn power back on and turn the gas off. Unplug the bottom plug from the left hand side of the Sentry 2100 controller (the blower should go to maximum speed). Use soapy water to check for venting leaks between the boiler to Smoke Hood connection and between the Smoke Hood to vent pipe connection. (Be sure not to get the wiring or controls wet)



CAUTION

Leaky Gasket - If the smoke hood leaks at the gasket, remove the smoke hood and drill out its mounting holes using a 5/16" drill bit. This will enable the gasket to be compressed enough to stop any leaks. Be careful not to over tighten.

- 13) Once you have verified that there are no leaks, reinstall the plug into the Sentry controller, attach the side panel, and turn the gas on.
- 14) Fire the boiler and check for signs of combustion leaks.