

NY Thermal Inc.
Tel: (506) 657-6000
Toll Free: 1-800-688-2575
Fax: 1-506-432-1135
Web: www.nythermal.com
Email: info@nythermal.com

84882, 84883, 84884, 85056, or 84885 Tx Burner Door Assembly Replacement Instructions

Applicable Boiler Models

- Tx51 (Burner door 84882)
- Tx81 (Burner door 84883)
- Tx101 (Burner door 84884)
- Tx151(C) (Burner door 84885)
- Tx200 (C) (Burner door 85056)

Kit Contents

- Tx Door assembly (84882,84883,84884, or 84885)
- Blower gasket 82766

Tools Required

- 10mm Nut driver
- 5/16" Nut Driver
- 5/15" Wrench
- Phillips #2 Screw Driver
- Combustion analyzer
- Torx T20 Screwdriver

Replacement Instructions

- 1) Turn off power and gas to the boiler.
- 2) Remove fresh air intake from the venturi.
- 3) Remove the gas line from the gas valve.
- 4) Remove the flame probe, and the ignition electrode.
- 5) Remove the electrical connectors from the blower motor and gas valve.
- 6) Remove the burner door, blower motor, and gas valve as an assembly.
- 7) Transfer the blower motor to the new burner door, using the new blower gasket.
- 8) Re-assembly is the reverse of disassembly.
- 9) Operate boiler at high fire and perform a combustion analysis according to the guidelines in the installation and operation manual.

⚠ DANGER **Explosion Hazard** – Ensure that the blower motor gasket and the gas valve to venturi gasket are sealed. Failure to comply will cause gas leakage which may result in an explosion, serious injury or death.

⚠ DANGER **Combustion Analysis** - Failure to perform a combustion analysis and adjust the gas valve according to the installation and operation manual will result in boiler malfunction and or excess carbon monoxide production which will result in serious injury, death or property damage.

Figure 1



Figure 2

