

Tube Heater Parts Instruction Sheet

Replacement Circuit Board Installation

This replacement part may be used on the following models:

Model	Input	Gas Type	Replacement Circuit Board
DTHS-3	125-150 MBH	Natural Gas or Propane	TP-78D (MARK 17DX)
DTH-3	125-150 MBH	Natural Gas or Propane	TP-78D (MARK 17DX)
DBS	All	Natural Gas or Propane	TP-78D (MARK 17DX)
DRV	All	Natural Gas or Propane	TP-78D (MARK 17DX)
DX (w/direct sense)	All	Natural Gas or Propane	TP-78D (MARK 17DX)
DX (w/remote sense)	All	Natural Gas or Propane	TP-351A (MARK 17DU)

Parts List

- TP-78D (MARK 17DX-117 or 2020-93) or TP-351A (Fenwal 35-75 or MARK 17DU-117) Circuit Board.
- TP-390 Adapter (sold separately).

NOTE: To ensure safe operation, circuit boards **must** be replaced with factory supplied parts.

Installation Instructions

- 1 Disconnect electrical supply voltage to the heater.
- 2 Remove burner control box cover.
- 3 Remove wiring harness from the original circuit board.
- 4 Remove the faulty circuit board.
- 5 Locate and install the new circuit board using top mounting bolt. (Figure 1).
- 6 Reconnect original wiring harness to the edge of the TP-390 adapter.
- 7 Install new TP-390 adapter to new circuit board (Figure 2).
- 8 Replace control box cover and secure.
- 9 Reconnect electrical power supply.

Figure 1

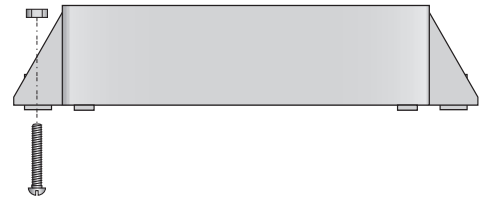


Figure 2

