All wiring should be in accordance with local ordinances and the National Electric Code.

PREPARATION OF THE THERMAL SWITCH

If the thermal switch is already installed, skip to the installation because only one thermal switch is all that is required to operate the internal blower, the central heat blower or both.

- Open the bottom louver (central bottom louver on all Delta fireplaces).

- Through the bottom louver opening, attach the thermal switch to the inner right leg below the firebox. The magnet will hold the thermal switch in place. It should be spaced 1/8" from the bottom of the firebox, not in direct contact (see Figure 1).

- Connect each wire of the thermal switch to the corresponding screw of the terminal block. Refer to see Figure 2.

If you have an ash pan in your fireplace, make sure that it is still possible to remove the ash pan once the thermal switch is installed.

INSTALLATION

For complete wiring guidance, refer to the wiring diagram in Figure 2.

- If you would like the blower to turn on when the thermostat calls for heat, first locate the thermostat in the principal room heated by the duct system. Do not install it in the room where the fireplace is installed. There are yellow, black and red wires coming out of the relay. Connect the wire from the central blower speed switch to the red wire coming from the relay and put a wire connector on the black wire for protection. Refer to Figure 2.

- If the fireplace is in a small room and/or you would like the central heat blower to remove air from this room when it becomes too hot, locate the thermostat in the room with the fireplace. Connect the wire from the central blower speed switch to the black wire coming from the relay and put a wire connector on the red wire for protection. Refer to Figure 2.
Figure 1  Installation de l'interrupteur thermique / Installation of the thermal switch
Figure 2  Diagramme de câblage / Wiring Diagram

Câblage du système de chauffage central (FO-FDHB6-1) avec l'option de thermostat (FO-FDHC6)
Wiring for the Central Heat System (FO-FDHB6-1) with Central Heating Control (FO-FDHC6)

Base du foyer
Base of the fireplace

Branchez au fil ROUGE pour un thermostat en chauffage
Use RED for Warming Thermostat
Branchez au fil NOIR pour un thermostat en climatisation
Use BLACK for Cooling Thermostat

Ce fil doit être branché au fil rouge ou noir du relais
This wire connects to the red or black of the relay

Thermostat

Vue arrière
Rear View

Représente un seul fil
Represents a single Wire

Pas à l'échelle / Not to Scale
Liste de contrôle / Check List:

☐ 1 Thermostat / Thermostat (945002)
☐ 1 Contrôleur à relais / Relay Control (1.13.HC#.1.DNP)
☐ 1 Boîte électrique carrée / Square Electrical Junction Box (949001)
☐ 1 Couvercle du contrôleur à relais / Relay Control Cover (1.13.HC#.2.DNP)
☐ 1 Interrupteur thermique / Thermal Switch (FO-FDHC6-A02)
☐ 1 Sac contenant 4 terminaux en fourchette / Bag containing 4 spade connectors (942006)

☐ Notice d'installation et liste de contrôle / Instructions and check list

INITIALES

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