

FO-FDHC4

Wall Thermostat kit

This optional kit allows you to control the temperature by a remote electric wall mounted thermostat.

NOTE: It is strongly recommended that this kit be installed during framing so that the wiring can be easily hidden.

- 1. Remove both the top and bottom louvers.
- 2. Through the top louver opening, thread the chain provided through the spare keyhole in the draft control. Attach a pendant to the end, just like the chain that is already installed. Let it hang down the same side of the heat shield as the existing chain.

NOTE: For the Onyx and Focus 320 fireplace, the mounting box for the terminal block must be removed before proceeding. It is held in place with one screw. The box should be left loose in the firebox, out of the way of the motor.

- 3. Through the bottom louver opening, attach the hanging chain to the lever on the damper motor with another pendant. Push the pendant snugly into the hole in the lever so that it will not move. Then mount the controls to the bracket with the two screws provided. The chain will be loose.
- 4. Return to the top louver opening to perform the final chain adjustment on the draft control lever. Ensure that the chain is tight, but the damper remains closed. When the damper motor is energized, the damper should open all the way. Move the pendant to the new chain location, locking the chain at that position.
- 5. Wire the thermostat as shown in Figure 2 using 20/2 wire. Make sure the wall thermostat is sufficiently far away from the direct radiation of the fireplace, (at least 10 ft. away from the fireplace) but in the same room. An interior wall is recommended for thermostat installation.

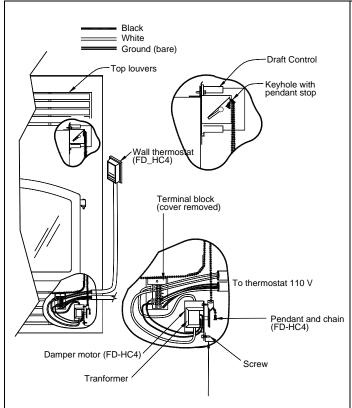


Figure 1: Thermostat control installation

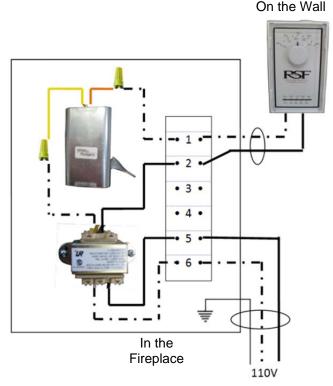


Figure 2: Wiring diagram for FDHC4

⊔ Tra	insfor	mer damper motor unit (944003)	
□ Wa	II the	rmostat (945002)	
In a ba	ıg :		
	3'	steel ball chain (979006)	
	4	detachable pendants (979008)	
	4	spade connectors (942006)	
	2	screws (901010)	
□ Ins	tructio	ons and check list	

CHECK LIST: