

FFK-100 FOSSIL FUEL KIT

SEQUENCE OF OPERATION

OUTDOOR TEMPERATURE IS ABOVE OUTDOOR THERMOSTAT SETPOINT

When the space thermostat calls for heating and the outside temperature is above the setpoint of the outdoor thermostat, the heat pump will operate as first stage heat. If there is a call for second stage heat, the fossil fuel kit will automatically terminate the heat pump and start the furnace.

OUTDOOR TEMPERATURE IS BELOW OUTDOOR THERMOSTAT SETPOINT

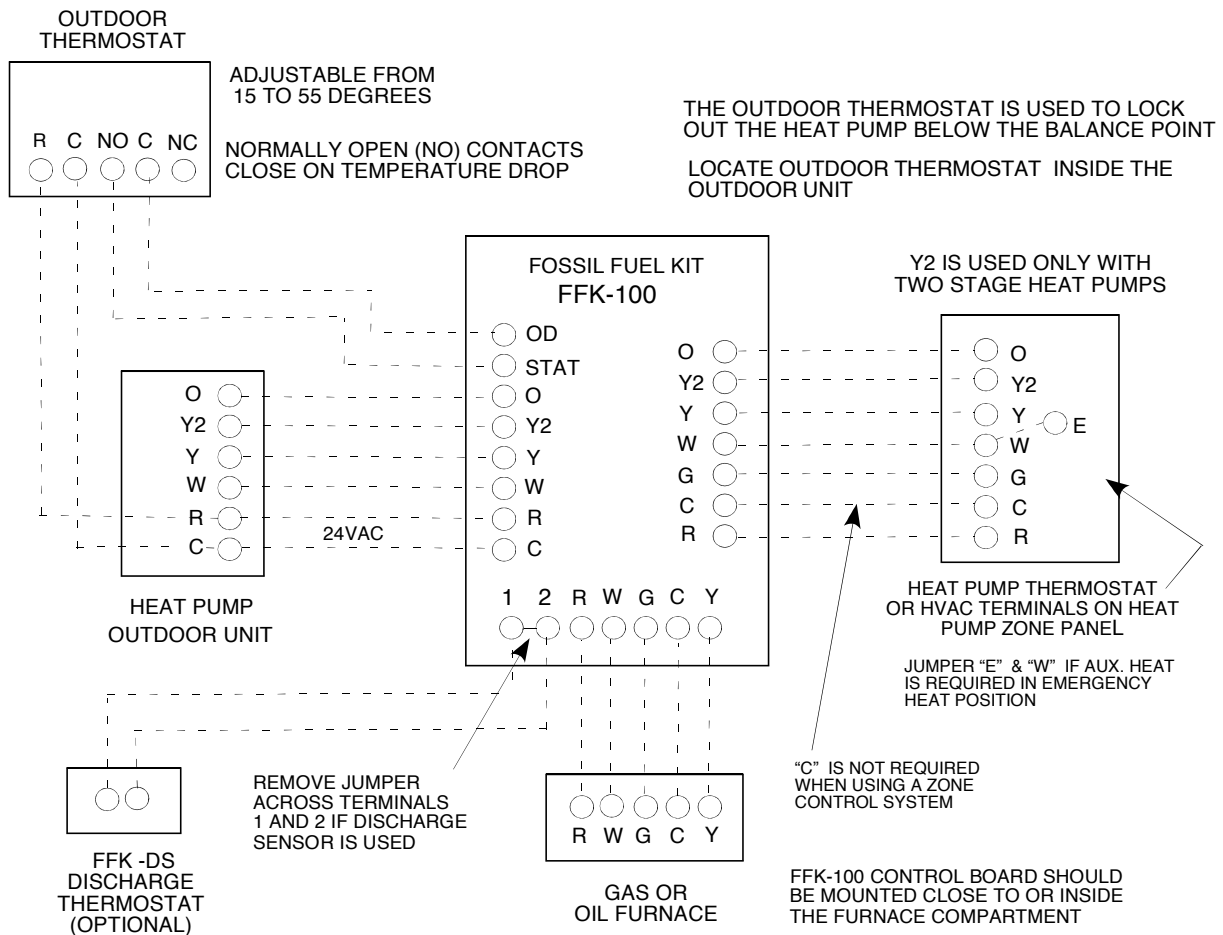
When the space thermostat calls for heating and the outside temperature is below the setpoint of the outdoor thermostat, the heat pump will be locked out and the furnace will become first stage heat.

ROOM THERMOSTAT IS SET TO EMERGENCY HEAT

When the space thermostat is placed in the emergency heat mode, the heat pump will be locked out and the furnace will be first stage regardless of the outdoor temperature.

NOTE ON BLOWER CONTROL

The fossil fuel kit will stop the blower anytime it switches between heat pump and furnace operation, and then the blower will restart at the proper speed.



IF DISCHARGE AIR NEEDS TO BE TEMPERED DURING THE DEFROST CYCLE, IT IS RECOMMENDED THAT THE OPTIONAL FFK-DS DISCHARGE THERMOSTAT BE INSTALLED BETWEEN THE FURNACE AND HEAT PUMP COIL. THIS WILL TURN OFF THE BURNER AT 90 DEGREES F.