

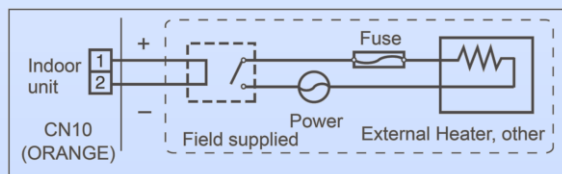
External Electric Heater Control

With a field-supplied auxiliary heater, you can control it by synchronization with the heating operation of any Fujitsu ducted model evaporator. When the temperature is -10° to -3° from set point, the external electrical heater will come on. If and when the temperature is -1° from set point, the external electrical heater stops. An external control set is required for the heater to work in conjunction with the ducted model.

You will need:

- Field-supplied, normally open 12V relay
- Auxiliary heater
- Fujitsu External Control Set

Evaporator Model Number	External Control Set	Indoor Control Board Designation
ARU7RLF	UTD-ECS5A	CN10
ARU9RLF		
ARU12RLF		
ARU18RLF		
ARU24RLF		



Sequence of operation for external electric heater controls is as follows:

- Heater output turns on when the indoor room temperature drops below 6°F from set point.
 - Heater output turns off when the indoor room temperature is less than 2°F from set point.
 - Heater output turns off when the indoor room temperature is greater than 24°F from set point.
 - Heater output turns on when the indoor room temperature rises above 20°F from set point.
- (This means this output is mostly on unless the system satisfied set point or, has fallen 24° from set point. Meaning, it can't keep up with the load.)

The external electrical heater(Field supply) is operated as shown in Fig. 11.

(Fig.11 : External electrical heater control)

