

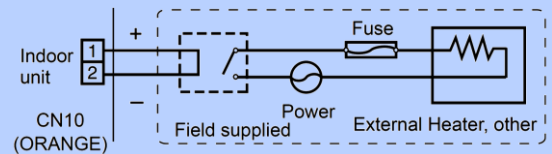
## External Electric Heater Control

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 less than 10° to 3° from set point, the external electrical heater will come on. If and when the temperature is less than 2° 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.

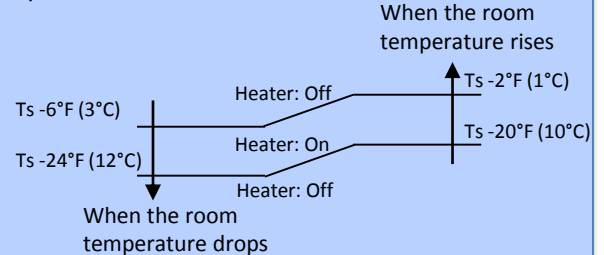
You will need:

- Field-supplied, normally open 12V relay
- Power source rated for the external heater
- Auxiliary heater
- Fujitsu External Control Set

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



The external electrical heater ( Field supply) is operated as shown below.



### 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.)

Cutting jumper 3 (JM3) on the indoor control board will allow the indoor fan to run for 1 minute after the wired remote has turned off.

