

## EVAPORATOR TEMPERATURE SENSOR [MANUAL AIR CONDITIONER]

id0740a2321500

### Purpose

- The evaporator temperature sensor detects the airflow temperature passing through the evaporator.

### Function

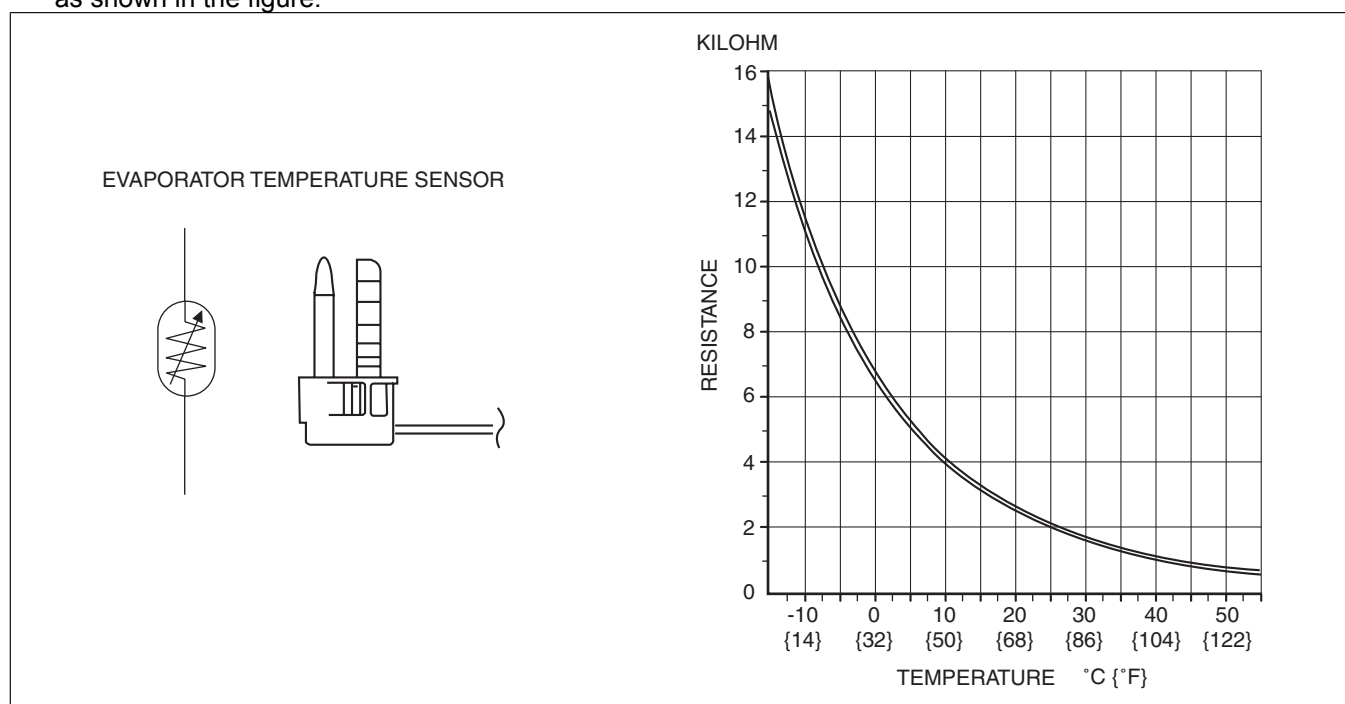
- The evaporator temperature sensor converts the detected temperature to an electric signal.

### Construction

- A thermistor-type evaporator temperature sensor has been adopted.
- A fin-thermo-type sensor has been adopted to the sensor area of the evaporator temperature sensor which inserts between the evaporator fins.
- The evaporator temperature sensor is installed to the A/C unit.

### Operation

- The thermistor changes the resistance according to the surrounding temperature.
- The resistance decreases if the temperature increases, and conversely increases if the temperature decreases as shown in the figure.



ac5wzn00000730

### Fail-safe

- Function not equipped.