

## EVAPORATOR

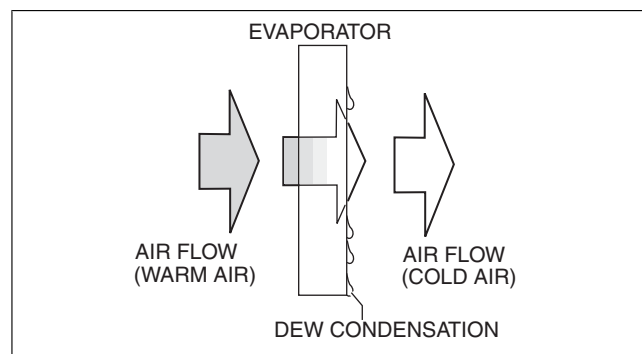
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### Purpose

- The evaporator cools the passing air.

### Function

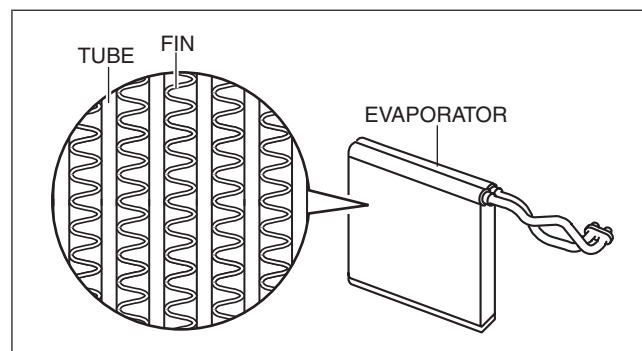
- The evaporator vaporizes the atomized refrigerant flowing internally, and the air passing through the evaporator is cooled by the release of latent heat. The moisture in the air is condensed at this time and dehumidified air is blown into the cabin.



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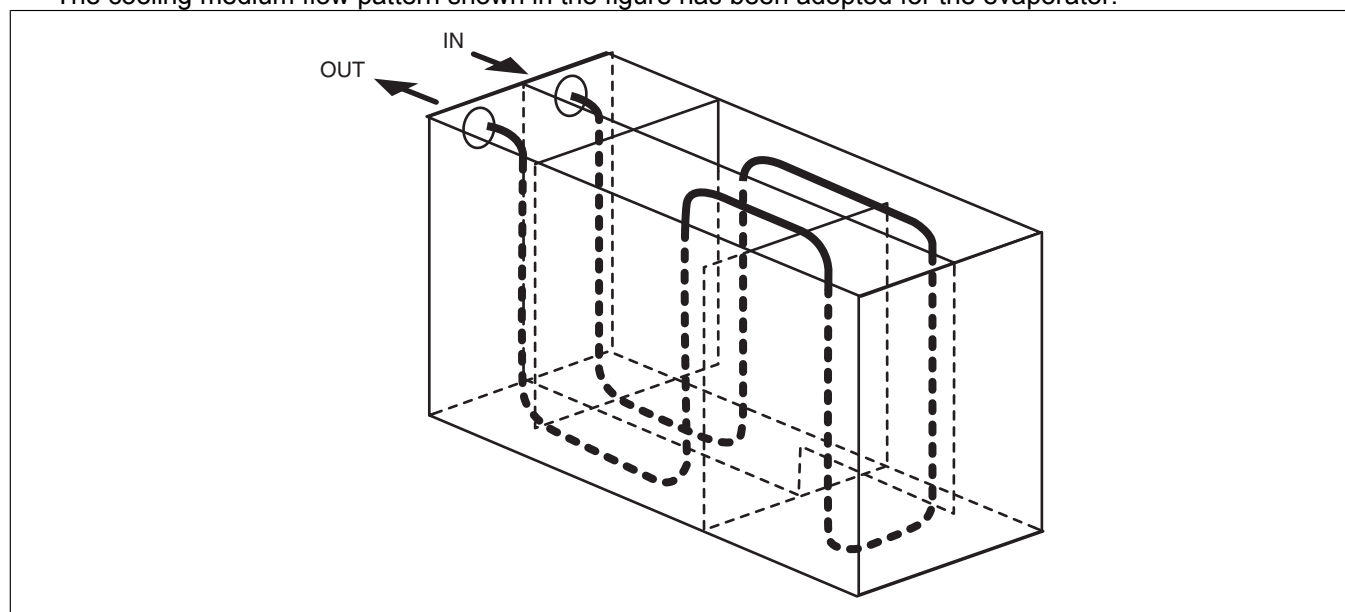
### Construction

- The evaporator consists of the tube which passes refrigerant, and the heat radiation fin.



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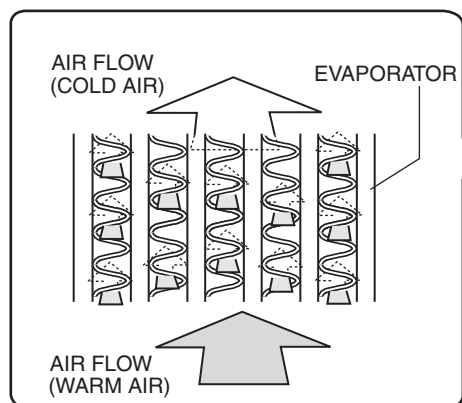
- The cooling medium flow pattern shown in the figure has been adopted for the evaporator.



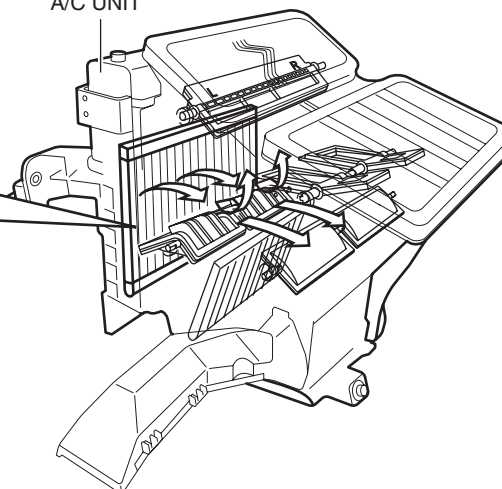
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### Operation

- The atomized refrigerant sent from the expansion valve is captured by heat from the outside. As a result, the evaporator is cooled.
- The air blown by the blower motor is cooled by heat exchange when it passes the heat radiation fin of the heater core.



A/C UNIT



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### Fail-safe

- Function not equipped.