

ATA 21: Airbus A320 (Technical Notes)

By AviationHunt Team  Updated on March 11, 2024

A320 ATA 21 Technical Notes are brief and to-the-point information about the Airbus A320 Air Conditioning System, including its components and their functions. ATA Chapter 21 is titled Air Conditioning which covers the air conditioning, pressurization, and ventilation systems of aircraft.

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A320 Air Conditioning System

The Airbus A320 Air Conditioning System is fully automatic. It continuously refreshes the air and maintains a selected temperature in three distinct zones: the cockpit, forward cabin, and aft cabin. Each zone's temperature is controlled independently.

The pneumatic system supplies air through two-pack flow control valves, two packs, and a mixing unit which mixes the air that comes from the cabin and the packs. This mixed air is then distributed throughout the cockpit and cabin.

The temperature in the flight deck and cabin can be adjusted from the cockpit's air conditioning panel. The temperature regulation is managed by the two Air Conditioning System Controllers (ACSC).

A320 Technical Notes

JG Myers



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