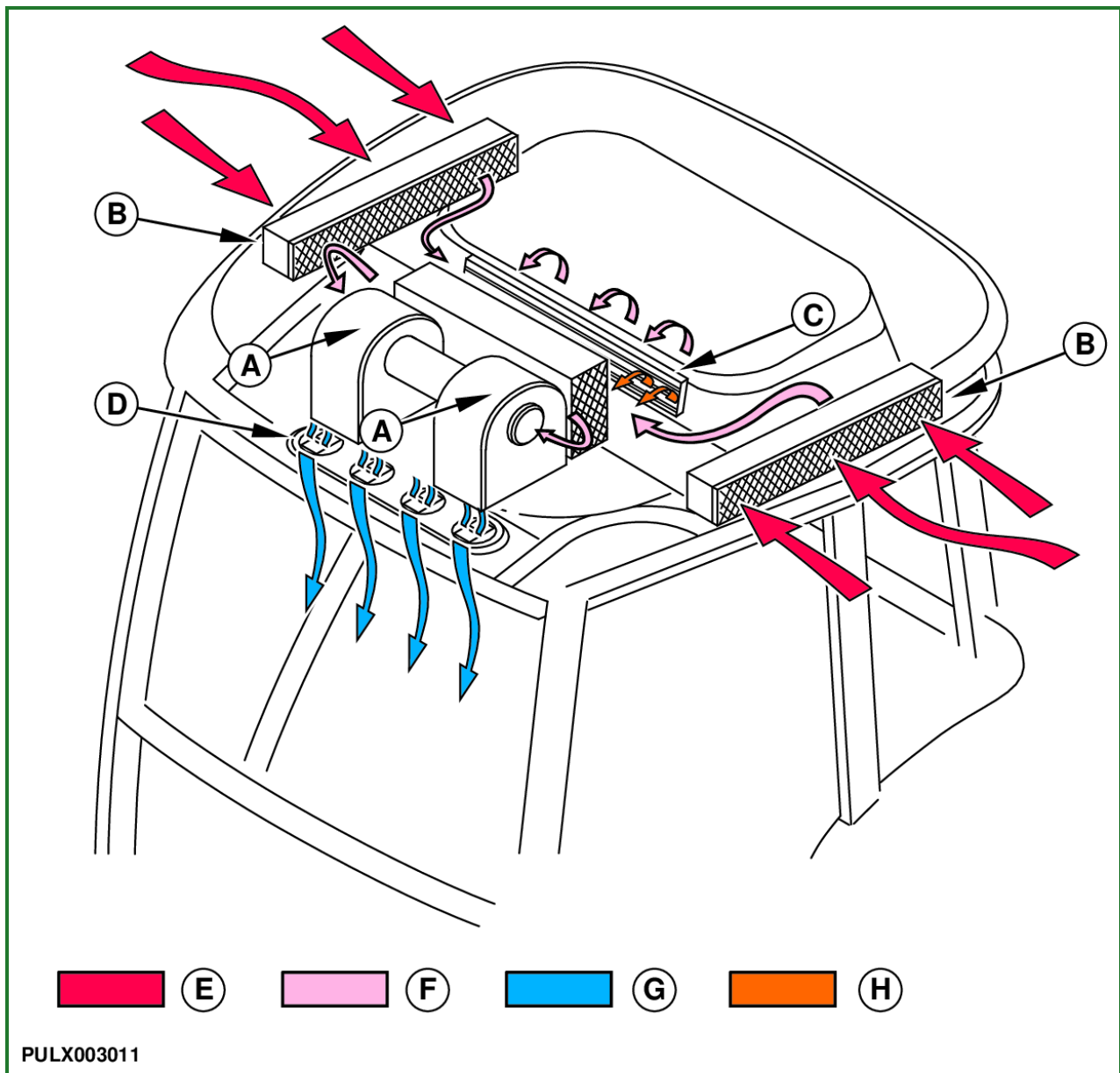


Operation of Air-Conditioning System - Air Flow



PULX003011-UN: Air flow

LEGEND:

- A - Fans
- B - Inlet air filters
- C - Internal air entrance inside cab
- D - Louvers
- E - Unfiltered air from outside
- F - Filtered outside air
- G - Cooled air
- H - Unfiltered air inside the cab

Unfiltered air (E) from outside, plus unfiltered air (H) inside the cab, is drawn in by the fans (A).

This causes the unfiltered air from outside to flow through the cab's inlet air filters (B) and the unfiltered air inside the cab to flow through the cab's internal entrance (C).

Filtered fresh air (F) mixes with unfiltered air (H) inside the cab and flows via the fan to the evaporator.

Enriched by fresh air, the cooled air (G) flows through louvers (D) into the cab, where it again is mixed with cab

inside air, thus cooling and drying the inside of the cab.

[Go to Section_290:Group_20](#)

NR25796,0000008-19-20090121