

## Bleed Air Mixing Valve

>P/N 507000000<

The Bleed Air Mixing Valve (BAMV) is the central equipment of the EC135, BK117C-2, D-2 and D-3 heating and defogging system. The heating system provides warm air to the cabin and cockpit.

**The BAMV integrates following functions into one single part:**

- > Reduction of bleed air pressure from engine conditions to ambient conditions
- > Reduction of bleed air temperature to an acceptable level for heating/demisting purpose by use of adiabatic expansion and mixing of ambient supply air
- > Shut-off function for OEI conditions and normal use
- > Pneumatic segregation of the two engine bleed supply lines (for OEI and Engine start up)
- > Modular design to allow the use on several helicopter programs with different airflow sizes

