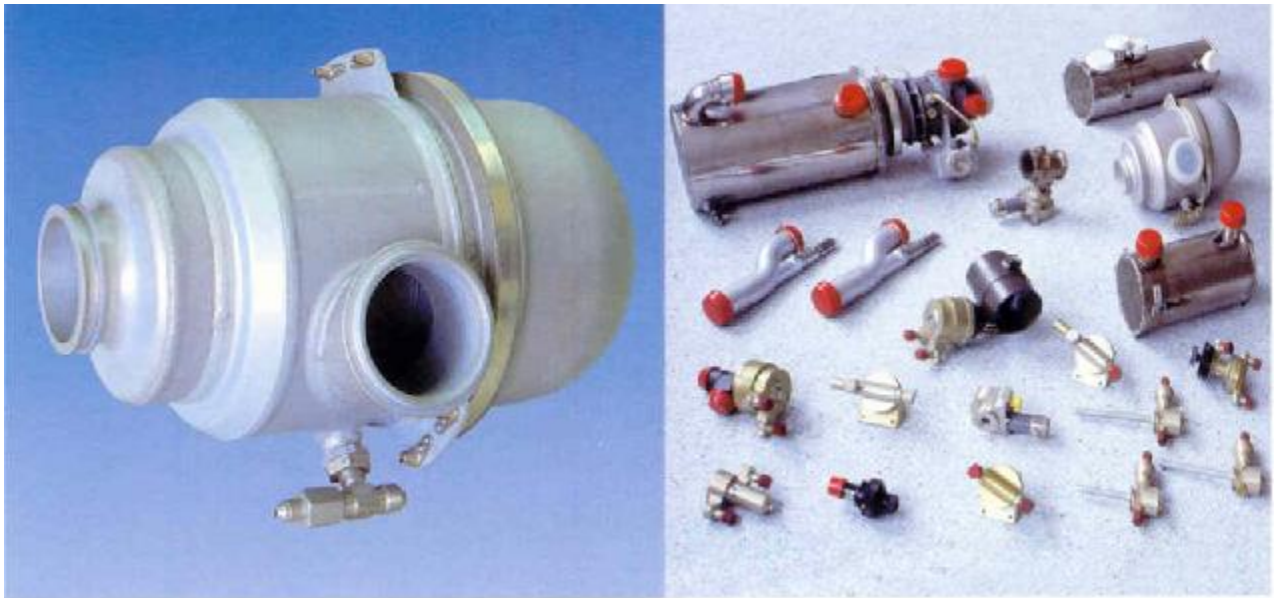


WATER SEPARATOR LUN 5682.5-8



Water separator entraps a part of condensed water vapors in the cockpit air. It is installed in the cold section of the air-conditioning system after turbo-cooler.

Technical Data

Working medium	air+water
Working temperature of air at the water separator inlet	0 °C to +15 °C
Working overpressure of air at the water separator inlet	7 to 70 kPa
Minimum flow rate of air at the temperature 2 °C and pressure 0.127 MPa	0.178kg.s ⁻¹
Separation ability	35% of the condensed water
Press loss on the safety valve at the flow 640 kg.h ⁻¹ , temperature of 2 °C and overpressure 46 kPa	30 to 40kPa
Maximum permissible air leak with pressure 0.157 MPa	10 kg.h ⁻¹
Working environment	-60 °C to +80 °C
Weight	max. 2.8 kg

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Dimensions (mm)

