

Pressure Control Systems

**Keeping Critical Equipment Operating
In The Most Demanding Environments**

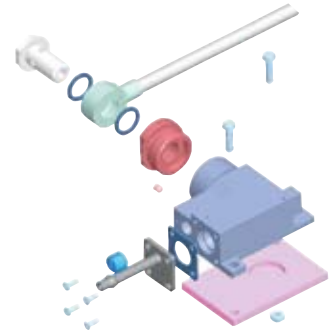


**Technology Advancement
in Aircraft Applications**

High technology systems, such as aircraft, often need a constant pressure to operate. We've provided innovative and reliable products used in aircraft protection systems since 1920. Donaldson Le Bozec is recognized as a leader in designing and manufacturing a variety of high-quality pressure control systems.

Hydraulic Pressurization Unit

- Pressurizes and protects the hydraulic reservoir of an aircraft
 - provides filtration of incoming air from the Auxiliary Power Unit (APU), engine group or ground air unit
 - incorporates a high-efficiency demister for moisture removal
- Key components include:
 - pressure regulator
 - water-fluid separator
 - visual clogging indicator
 - check valve, by-pass and relief valve



Air Control Unit for Military Aircraft Nose Cone

- Pressurizes the nose cone seal
 - includes functions for pressurization and depressurization
- Controls atmospheric conditions (pressure and humidity) inside the waveguide chamber of onboard radar



Fuel Tank Pressure Control Valve

- Pressurizes airborne fuel tanks on missiles
- Lightweight (<0.3 kg)
- Designed to withstand high temperatures (up to 220°C) and vibrations



Pressurization Systems Aircraft Applicability Examples

AIRBUS A330/A340 all types	Air Pressurization Unit
DASSAULT Rafale and Mirage 2000-9, Rafale	Pressurization Device
MBDA EXOCET block 3, NSM	Fuel Tank Pressure Control Valve



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