



AIR, FUEL AND HYDRAULIC Pressure Control Systems



Keeping Critical Equipment Operating in the Most Demanding Environments

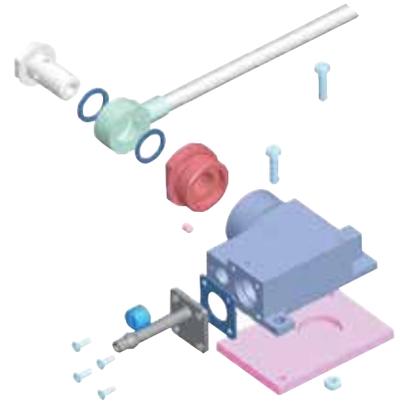
High technology systems used in aircraft, often need a constant pressure to operate. We've provided innovative and reliable products used in aircraft protection systems since 1920. Donaldson is recognized as a leader in designing and manufacturing a variety of high-quality pressure control systems.



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



Donaldson Company, Inc.
Aerospace & Defense Group

www.DonaldsonAerospace-Defense.com
www.donaldson.com

North America +1-877-314-9640
aerospace.americas@donaldson.com
Europe +33 1 30866698
aerospace.emea@donaldson.com

Brochure No. F112204 ENG (7/14)
© 2014 Donaldson Company, Inc. All rights reserved.
Donaldson Company, Inc. reserves the right to change or discontinue any model or specification at any time and without notice.