

APPLICATIONS

Aircraft Pressurization
(Waveguide and/or Radomes)

FEATURES

Precise Pressure Control
Quick System Response
Low System Leakage

SPECIFICATIONS

Part Number:
9362-1-000

Service Fluid:
GN₂, Inert Gases

Weight (System Total):
40 LB Max

Cylinder Volume:
(2) 260 IN³

Cylinder Operating Pressure:
0 PSIG to 3,000 PSIG

Regulator Operating Inlet
Pressure:
3,500 PSIG Maximum

Regulator Flow Range:
0 SCFM to 11.7 SCFM

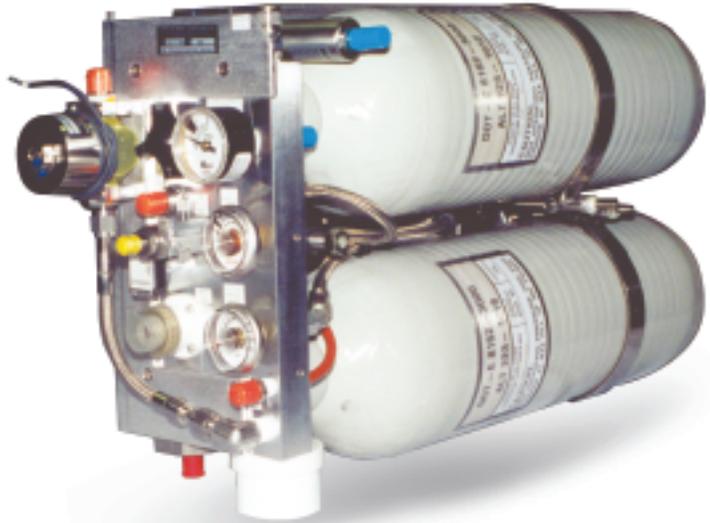
Regulator Outlet Pressure:
30 PSIG to 70 PSIG

Solenoid Operating Pressure:
30 PSIG to 70 PSIG

Solenoid Operating Voltage:
12 VDC

Temperature:
-65°F to 160°F
(-54°C to +71°C)

Altitude:
Sea Level to 55,000 Feet



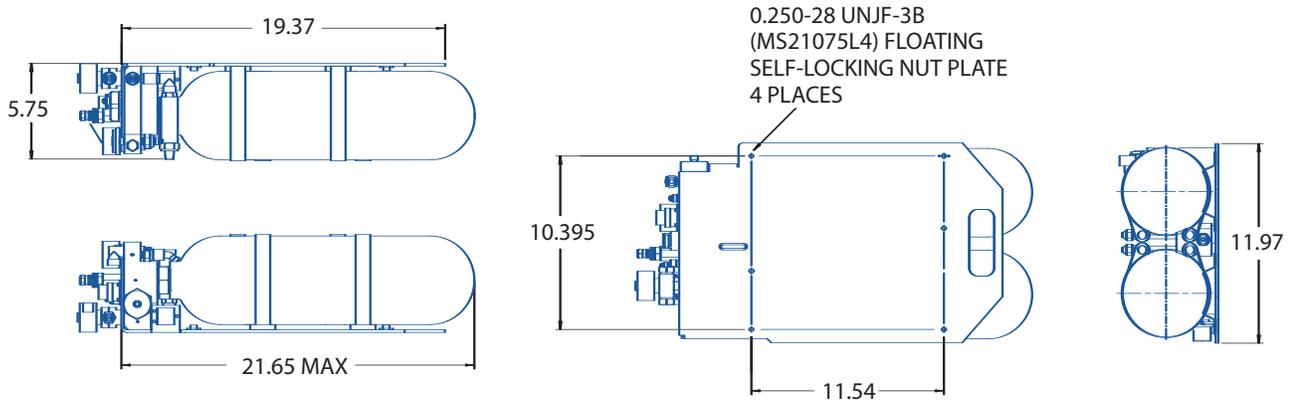
Waveguide Pressurization System

The Aerodyne pressurization system, Model 9362, provides precise pressure control of inert gases in a compact package. This integrated assembly includes two lightweight, fiber wrapped pressure vessels, pressure gauges, manual shutoff valves, precision pressure regulators, and a solenoid isolation valve. The solenoid valve provides quick system response and low system leakage. In line filtration (charging line) assures clean gas during system operation. Compatible with all inert gases. Ideal for use in aircraft waveguide pressurization.

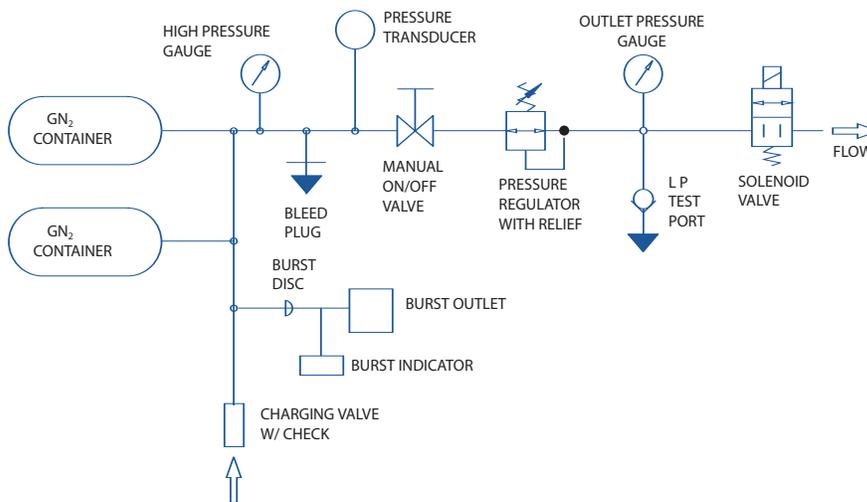
Aerodyne Controls has been serving the military, aerospace, medical and instrumentation markets with precision custom products since 1958. For more information, call: **631-737-1900** or e-mail: **sales@aerodyne-controls.com**.

MODEL
9362 **Waveguide
Pressurization System**

DIMENSIONS



FUNCTIONAL SCHEMATIC



Custom fluid controls and motion sensors since 1958

30 Haynes Court Ronkonkoma, New York 11779 Phone: 631-737-1900 Fax: 631-737-1912 www.aerodyne-controls.com