

VRN-2420-DDL Dome-Loaded Pressure Reducing Regulator 1.5"

High Performance Dome Loaded Pressure Reducing Regulator for use in the natural gas industry and other high flow gas applications. Compared with spring loaded regulators, dome loaded regulators provide far superior performance with variable inlet pressure conditions, as found in virtual pipeline installations.

Designed for simple, in-situ servicing to minimize maintenance costs and downtime.

Designed in accordance with ASME B31.3, NZS 5425, AG 504, and NFPA 52.

Performance:

- Outlet Pressure 15 - 3000psi *
- Max Inlet Pressure 5000psi (345bar)
- Cv (Flow Coefficient) 12.7
- Orifice 1¼"

Port Configuration:

- Inlet 1½" NPT
- Outlet 1½" NPT
- Control Ports ¼" NPT

Port specification compliant with ASME B1.20.1

Standard Specifications:

- Nominal Bore 1¼" 32mm
- Weight 8.4kg (no tubing or pilot)
- Filtration Requirement 20 micron (not supplied)
- Temperature Range - 40°C to 80°C

Materials :

- Body Stainless Steel 304
- Valve Components Stainless Steel 304
- Seals Nitrile standard
- Valve Seat Options PTFE, PCTFE, PEEK

Shell materials in accordance with ASTM standards per ASME B31.3



*** Contact engineering for configuration recommendations based on your requirements.**