

# Open-Style, Operator-Adjusted Back-Up Manifolds

**APPLICATIONS**

- Inert Gases
- Oxidizing Gases
- Flammable Gases
- Corrosive Gases
- Liquid Cylinder
- Cryogenic Liquid Delivery
- General Purpose
- High Purity
- Ultra High Purity

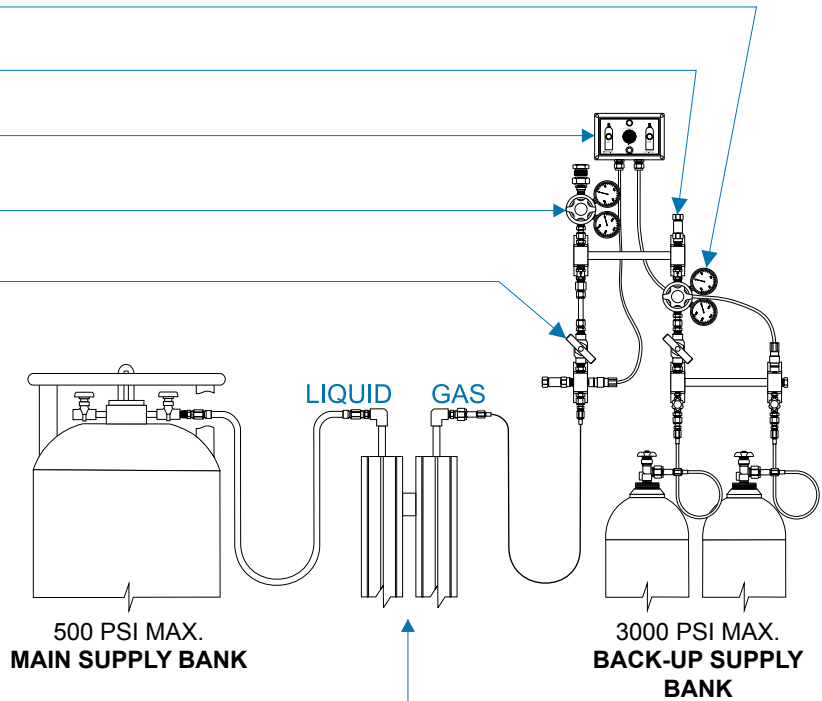
**ON THE WEB**

- Sell Sheet
- Technical Brochure

**CALL US FOR**

- 2-D CAD Drawing
- Engineering Specifications
- Instruction Manual
- Typical Installation Drawing

- High Pressure Back-Up Regulator
- Pressure Relief Valve (Standard)
- Optional Alarm Box
- Delivery (Line) Pressure Regulator
- Master Shut-Off Valve


**AMBIENT VAPORIZER  
(Sold Separately)**

A liquid cylinder is capable of vaporizing (converting cryogenic fluid to its gaseous state) about 350 standard cubic feet per hour. In order to prevent regulator freeze up and increase flow, an external ambient vaporizer is necessary (consult BeaconMedæS for details for details)

## Specifications

<b>No. of Cylinders Recommended</b>	Minimum 1 Liq. (Main Side) Minimum 2 H.P. (B/U Side)
<b>Switchover Method</b>	Gas Flows from Liquid Cylinder as Long as its Pressure is Higher than the Back-Up Bank Regulator Set Pressure
<b>Alarm System</b>	Remote (Optional)
<b>Flow</b>	Cv = 0.45 (Medium Flow)
<b>Material of Construction</b>	Brass Only
<b>Delivery Pressure Range</b>	5 to 125 psig
<b>Fluid State at Outlet of Manifold</b>	Gas

## Key Features

- Fluid State at Outlet of Manifold
- Primarily Designed for Use with Liquid Cylinders as a Primary Source
- Provides Back-Up as an On-Needed Basis
- Allows for Large Number of Reserve Cylinders
- Pressure at Which the Back-Up Bank Kicks in is Field Adjustable