

Sherwood BV Series: Hi Lo Pressure Regulating Dual Outlet Valves

Sherwood BV series hi-lo pressure-regulating dual-outlet valves have an integral regulator reducing gas pressure to the CGA designated 3000 psig maximum. Outlet is to 700-1000 psig allowing for use of a UL® -rated 3000 psig regulator with larger-capacity, lightweight high-pressure cylinders.

- Unique dual-outlet design allows use of lower or higher cylinder service pressure from the same valve/cylinder package
- No special filling or withdrawal adapters needed
- Strong, durable forged brass body manufactured by Sherwood to specifications stricter than most commercial forging specifications
- High-temperature aluminum alloy handwheel with large drainage holes
- Integral stainless steel tang helps prevent internal stem breakage. Durable lower plug made of tough naval brass resists wear
- Lower plug is Teflon® -coated to add lubricity, which minimizes seizing and galling especially under high pressure operation
- Internally threaded chamber design promotes longer life and helps protect valve body chamber threads from damage
- Nickel 201 rupture disc resists premature rupture that may be caused by corrosive ambient environments
- Precise, quality machining results in exceptional finishes for low torque sealing and long packing life
- Inert Teflon packing provides leak-free stem seal, long cycle life, and resistance to corrosion
- Handwheel nut coated with corrosion-resistant chromate/zinc organic plating
- Regulator designed for long service life - cycle-tested in excess of 16,000 cycles
- Pressure relief device strategically located in regulated pressure outlet prevents cylinder pressure from reaching downstream equipment in the remote

