Maintain Safety & Productivity During Instrumentation Maintenance

TESCOM™ Anderson Greenwood Instrumentation H2 Valve Series

Minimize downtime in hydrogen and other high-pressure gas applications

The TESCOM™ AGI Double Block Bleed (DBB) and Hand Valves enable hydrogen and oil and gas OEMs, as well as fueling station operators, to maintain a safe working environment during instrumental maintenance routines. These maintenance-free valves feature a positive double-block arrangement that protects workers after they isolate process pressures, while their modular design reduces the number of potential leakage points. In addition, hand-operated DBB valves include a non-adjustable seal that successfully avoids the release of high-pressure liquids or gasses into the environment while requiring no packing adjustment over the valve's lifetime.

- True double-block shutoff arrangement enhances operator protection from high-pressure lines during routine instrument maintenance.
- Designed to have strong sealing capabilities, units avoid dangerous potential media leakage into the environment.
- The valve's maintenance-free bonnet packing eliminates the need to perform periodic adjustments over the lifetime of the valve.

TESCOM™

EMERSON™

CONSIDER IT SOLVED™

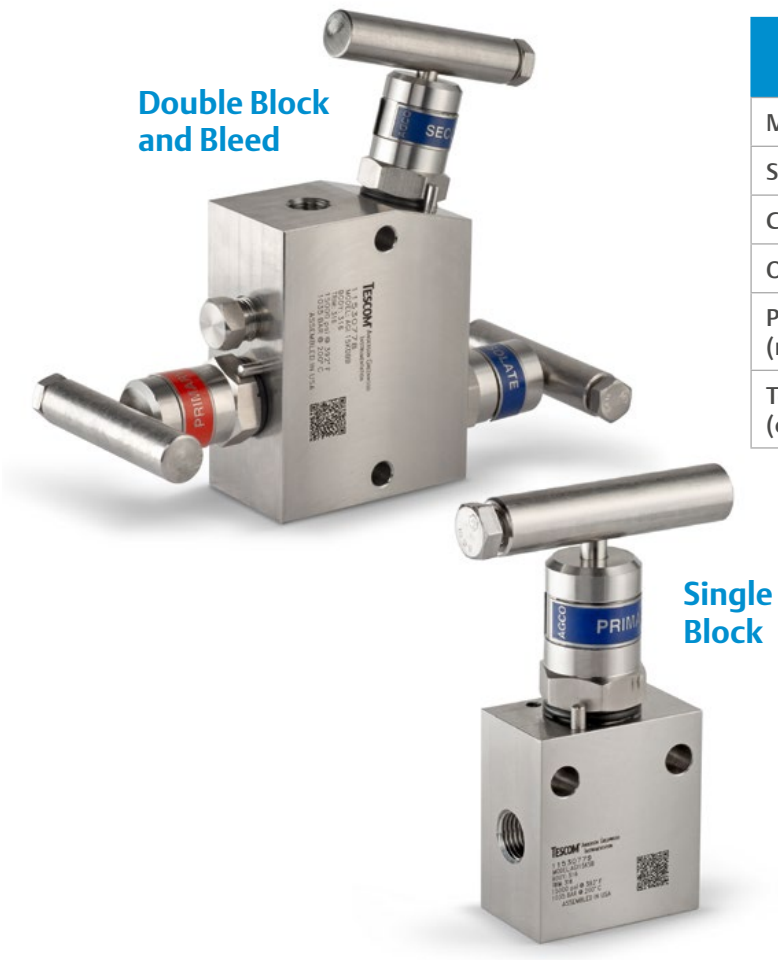
Superior Sealing Performance for High Pressure Hydrogen Applications

Easy to Install and Maintain

- Light weight, compact design and Double Block and Bleed bonnet ergonomics.
- Positive shutoff performance, thanks to the non-rotating stem tip.
- Low fugitive emissions stem seal arrangement.
- No stem packing adjustment during operational service.
- Visual identification of valve bonnet function with color-coded valve tags.
- QR code for quick access to online product documentation, local support, and distribution.

Keeping Leakage Low and Uptime High

- Double block and bleed configuration provides “true” process isolation at the closure shutoff point.
- Available in various configurations to suit instrumentation valve applications, supporting a full range of system designs.
- Safety weep holes for packing and process connection integrity.
- Complies with ISO 19880-3:2018: Gaseous Hydrogen Fueling Stations – Self Certification (Helium).



Technical Features	
Materials	316 Stainless Steel
Seat	Integral “metal to metal”
Connection sizes	1/4 and 3/8 inch
Orifice size	0.236 in (6.0 mm)
Pressure rating (mcwp)	15,000 psig (103.4 MPa)
Temperature range (design min/max)	-70° to 400°F (-57° to 204°C)

TESCOM™ www.Emerson.com/TESCOM

EMERSON™

FL000504ENUS-01_07-22