

ACS2500 SERIES

Automatic Changeover System



Premier ACS2500 Series automatic changeover system features: 2 Premier 2500 series regulators (one preset and one adjustable) in a compact, wall mountable system. The Premier ACS2500 Series changeover system is designed to provide a continuous flow of gas, preventing outages, and wasted gas. The hand knob can be turned after the depletion of one gas source (arrow pointing towards the line currently in service) allowing you to safely replenish the depleted source not in service. The ACS2500 features Cv 0.20 and a max inlet of 3000 PSIG (206.84 bar) (*dependent upon configuration*).

FEATURES

- 2 Premier 2500 Series, single stage regulators
- Integrated relief valve
- 316 stainless steel diaphragms
- Stainless steel mounting bracket with four 0.34 x 1.0" slots
- Optional CGA inlet connections
- Optional stainless steel high pressure braided teflon hose
- Optional excess flow prevention valves
- Optional critical alert gauges

SOME APPLICATIONS WILL REQUIRE A CUSTOM SOLUTION.
CONTACT PREMIER INDUSTRIES TO REQUEST A MODIFICATION
OR A CUSTOM DESIGN.

STANDARD COMPONENTS

- 2 Premier 2500 Series, single stage regulators
- Integrated relief valve
- Stainless steel mounting bracket

SPECIFICATIONS

- **MAXIMUM INLET PRESSURE:**
 - 3000 PSIG (206.84 bar)
(dependent upon configuration)
- **STANDARD PRESET CONTROL PRESSURE:**
 - 0-200 PSIG x 0-170 PSIG *(preset)*
(0-13.79 bar x 0-11.72 bar)
- **FLOW (Cv):** 0.20

MATERIALS OF CONSTRUCTION

- **BODY:**
 - SAE 360 Brass
 - SAE 360 Brass/Nickel Plated
 - 316 Stainless Steel
 - 6061-T6 Aluminum
- **BONNET:**
 - SAE 360 Brass
 - SAE 360 Brass/Nickel Plated
 - 6061-T6 Aluminum
- **DIAPHRAGM:** 316 Stainless Steel
- **DIAPHRAGM SEALS:** PTFE
- **MAIN VALVE SEAT:** PCTFE
- **MOUNTING BRACKET:**
 - 304 Stainless Steel
- **(Optional) HOSE:**
 - Stainless steel braided teflon
- **(Optional) CHECK VALVES:**
 - Stainless Steel *(Standard)*
 - SAE 360 Brass

PORTING

- **INLET PORTING:**
 - 1/4-18 NPT *(2 places)*
 - Optional CGA connections
- **OUTLET PORTING:**
 - 1/4-18 NPT

OPTIONS

- Excess flow prevention valves
- CGA connections
- Stainless steel braided teflon hose
- Check valves in stainless steel or brass
- Hoses
- Gauges / critical alert gauges

Contact factory for material certifications. Fees may apply.

PART NUMBER: 50-12240

