

## Brass Pipeline Regulator

This brass bar stock pipeline regulator is recommended for applications requiring high flow and diffusion resistant pressure regulation. The brass construction and stainless steel diaphragm protects gas purity and ensures long regulator service life when used with non-corrosive gases. This regulator is design to accept a maximum inlet pressure of 3000 psig. \*

Pipeline Regulator

Pressure Regulators



### Design Features

- Large 2 3/4" diaphragm provides a large surface area for more precise pressure control
- One piece encapsulated seat design includes a sintered filter to protect the internal parts and extends the life of the regulator.
- Four port configuration, one high pressure and three low pressure ports.
- Self reseating external relief valve

\*15 PSIG outlet model has neoprene diaphragm; 500 PSIG Max Inlet Pressure: no relief valve

| Materials |                              |
|-----------|------------------------------|
| Body      | Brass or 316 Stainless Steel |
| Bonnet    | Brass Bar Stock              |
| Seat      | PCTFE                        |
| Diaphragm | 316 Stainless Steel          |
| Gauges    | Brass or Stainless Steel     |
| Filters   | 40 Micron Stainless Steel    |

| Specifications                |                                       |
|-------------------------------|---------------------------------------|
| Maximum Rated Inlet Pressure  | 3000 psig                             |
| Outlet Pressure Ranges        | 0-15*, 0-50, 0-125, 0-250, 0-500 psig |
| Flow Capacity                 | Cv =0.55                              |
| Ambient Operating Temperature | -20F to 125F                          |
| Weight                        | 5 lbs                                 |
| Ports                         | 1/2" FNPT                             |
| Inlet                         | 1/2" FNPT                             |
| Outlet                        | 1/2" FNPT                             |

### Ordering Information

| Product Number | Material | Max Inlet Pressure (psig) | Max Outlet Pressure (psig) | Capacity (scfh @ Max Delivery Pressure) | Delivery Gauge Range (psig) |
|----------------|----------|---------------------------|----------------------------|---|-----------------------------|
| Y11-N124AHF    | Brass    | 500*                      | 15                         | 900                                     | 0-30 psi/kPa                |
| Y11-N124BHF    | Brass    | 3000                      | 50                         | 2000                                    | 0-100 psi/kPa               |
| Y11-N124DHF    | Brass    | 3000                      | 125                        | 4100                                    | 0-200 psi/kPa               |
| Y11-N124FHF    | Brass    | 3000                      | 250                        | 7800                                    | 0-400 psi/kPa               |
| Y11-N124GHF    | Brass    | 3000                      | 500                        | 12200                                   | 0-600 psi/kPa               |

### Airgas Quality Policy

The purpose of the Airgas Quality System is to continually improve our manufacturing and related processes to provide our customers with the highest product purity, consistency, and service.

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