



## REGULATED SUPPLY GAS SYSTEM

**Supply Gas System** filters, dehydrates, and regulates gas. Optional accessories include Brass or Stainless Steel Relief Valve, By-Pass, Moisture Indicator, and Pressure Gauges.

### STANDARD MATERIALS

**BODY:** Carbon Steel

**FITTINGS:** Stainless Steel

# OTHER OPTIONS

*Custom assemblies and options available upon customer request.*



*Inline Moisture Indicator*



*External By-Pass Manifold*



*Needle Valve Drain*

## FEATURES

- Quick “spin-off” canister for fast element change in the field.
- All units tested to maximum pressure.
- All units supplied with certificate of test and serial number.
- Standard mounting bracket. (removable for different installation applications on FD-4 and FD-5)
- More desiccant standard than other manufacturers.
- Redundant 3-micron filtration to ensure maximum protection from particulates.
- Epoxy-coated, corrosion-resistant housing.
- Interchangeable elements with other manufacturers. (low cost, maximum volume, high performance elements)
- Variety of filter sizes. (custom sizes available upon request)
- Many options, alternative configurations, and assemblies to meet specific needs.

## SPECIFICATIONS

- **MAOP:** 1500 PSIG
- **FLOW CAPACITY:** 50 SCFM (3000 SCFH)
- **TEMPERATURE RANGE:** -40° F to 140° F (standard)
- **BODY:** Carbon Steel (standard)
- **PORTS:** 1/4" NPT (standard) (Other sizes available upon request)
- **FILTRATION:** 3-Micron Filtration
- **SEALS:** Viton (Standard) Buna-N (Optional)

## DESCRIPTION

**The IMAC Instrument Filter Dryers** are a perfect example of high-technology, American-made products and are expertly designed to condition gas for more effective and reliable use. The Instrument Filter Dryer provides maximum filtration and maximum drying for supply gas to control instrumentation, catalytic heaters and other applications requiring clean, dry gas. Instrument Filter Dryers help mitigate the Joule-Thomson effect, preventing costly freeze-ups in cold environments. Instrument filter dryers are available in different medias for a variety of applications. These medias can remove solids, moisture, aerosols, odorants and H<sub>2</sub>S. The desiccant-based IMAC Instrument Filter Dryer is designed for easy installation, trouble-free maintenance, and maximum scrubbing. The removal of unwanted contaminants helps eliminate costly down-time and increase performance and longevity for equipment downstream.