

CleanFlow™ F-31 Instrument Grade Gas Conditioning System



The Welker CleanFlow™ F-31 Instrument Grade Gas Conditioning System is designed to provide a continuous supply of clean, dry gas to critical pneumatic instruments and industrial equipment, such as compressors with dry gas seals and valve actuators.

This simple, low maintenance system includes 2 or 4 of Welker's high-capacity F-31 Filter Dryers to accommodate high-pressure, high-flow gas streams. With a long service interval, these efficient filters maximize reliable operation.

Features

- Industry-recognized Welker Filter Dryers
- Single, dual, or quad filter service configurations
- Filter cartridge options
- 4-Step cartridge changeout
- Welker ALD Automatic Liquid Dump for wet gas streams (optional)
- Differential pressure gauge(s) (optional)

Benefits

- Effectively remove contaminants and moisture from pipeline gas for use as seal gas
- Select Filter Dryer number and configuration best suited for the installation and application
- Proprietary filter media for targeted contaminant removal
- Simplified filter maintenance
- Increase the interval between cartridge changeouts (optional)
- Local indication of the need for cartridge maintenance (optional)



SPECIFICATIONS

CLEANFLOW™ F-31 INSTRUMENT GRADE GAS CONDITIONING SYSTEM

CleanFlow™ F-31

Materials of Construction	Buna, Carbon Steel, PTFE, and Stainless Steel (Valves & Fittings)
Connections	Inlet & Outlet: 1" FNPT Inlet & Outlet: 1½" FNPT
Flow Rate	Single Filter: Up to 182 scfm, Dual Filter: Up to 300 scfm, With ALD: 100 scfm
Nominal Filter Rating	4 Microns
Filter Media to Remove	■ Moisture ■ Moisture, Liquid Hydrocarbons, and Odorant and Mercaptan ■ Odorant and Mercaptan
Mounting	Bracket or Stand
Maximum Allowable Temperature	200 °F
Maximum Allowable Operating Pressure	1500 psig*
Features	Welker F-31 Filter Dryers (2 for Single or Dual Service; 4 for Dual or Quad Service)
Options	Built-in Moisture Indicator, Differential Pressure Gauge(s), Welker ALD Automatic Liquid Dump

*Temperature Limited by Valves

Weight and/or dimensions are approximate. Specifications subject to change without notice.

