

# HRF2400 Pro

## Flowmeter Regulator



The **HRF2400 Pro Series flowmeter regulator** offers increased flow rate and a new, high-visibility flow tube with an easy-to-read scale. The scale is rotatable and has bolder, bigger print, that can be read from a distance. The flowmeter delivers superior accuracy to ensure proper gas usage, and reduces time wasted on constant adjustments to maintain correct flow. Save time, money on gas, and frustration.

### Performance:

- 70 CFH Flow Rate to support MIG / TIG and other high-flow applications
- Ideal for all applications where superior dependability is needed
- Newly designed flow tube with improved scale visibility
- Superior CO<sub>2</sub> performance for longer CO<sub>2</sub> application run time
- Accurate, consistent flow delivery over the life of the cylinder

### Design:

- Regulator/flowmeter combination in one compact unit
- Diaphragm style regulator with fabric-reinforced neoprene diaphragm
- Back pressure compensated
- Precision needle valve, ensuring an accurate flow rate, even when exceeding 50 CFH
- External self-reseating pressure relief valve (not designed to protect downstream equipment)
- Safety overpressure burst mechanism built into flow tube for added safety
- Machined brass body & die-cast housing cap
- Sintered inlet filter – bronze
- Third-party ETL listed to UL Standard 252

### Industry

- General Manufacturing and Construction
- Aerospace
- Shipbuilding and Repair
- Oil and Gas
- Power Generation



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Specifications	
Product Type	Regulator-Flowmeter Combination
Flow Range	0-70 CFH – Argon/CO2 Models 0-200 CFH – Helium Model
Max. Inlet Pressure	3000 psig – CGA 580, CGA 320, 992 Models 200 psig – CGA 032, CGA 034 Models
Gauge	38.1 mm (1.5 in.) 0-28000 kPa/(0-4000 psig), UL Listed (Note: CGA 032 and CGA 034 Models Are Gaugeless)
Standards Compliance	ETL Listed to UL Standard 252
Flow Coefficient (Cv)	0.082
Flow Accuracy	+/- 10%
Materials of Construction	
Body	Brass CDA 360 (UNS C36000)
Bonnet	Die Casting Alloy No. 5, Conforming to ISO 301:1981 ZnAl4Cu1
Flow Tube And Cover	Lexan
Diaphragm	Fabric Reinforced Neoprene
Regulator Seat	Urethane
Inlet Filter	50 Micron Sintered Bronze

Ordering Information		
NEW SKU	NEW MODEL	DESCRIPTION
0781-3656	HRF2435P-580	HRF Pro, 70 CFH Argon/CO2, CGA 580 Inlet, CGA 032/022 Outlet
0781-3657	HRF2435P-580 w/304.8 cm (10 ft) HOSE	HRF Pro, 70 CFH Argon/CO2, CGA 580 Inlet, CGA 032/022 Outlet w/304.8 cm (10 ft) Hose
0781-3658	HRF2435P-580 w/HOSE BARB	HRF Pro, 70 CFH Argon/CO2, CGA 580 Inlet, CGA 032/022 Outlet w/Hose Barb
0781-3659	HRF2480P-320	HRF Pro, 70 CFH CO2/Argon, CGA 320 Inlet, CGA 032/022 Outlet
0781-3660	HRF2480P-320 w/304.8 cm (10 ft) HOSE	HRF Pro, 70 CFH CO2/Argon, CGA 320 Inlet, CGA 032/022 Outlet w/304.8 cm (10 ft) Hose
0781-3661	HRF2480P-992	HRF Pro, 70 CFH Argon/CO2, 992 Inlet, CGA 032/022 Outlet
0781-3662	HRF2435P-034	HRF Pro, 70 CFH Argon/CO2, CGA 034 Inlet (Pipeline Applications), CGA 032/022 Outlet
0781-3663	HRF2435P-032	HRF Pro, 70 CFH Argon/CO2, CGA 032 Inlet (Pipeline Applications), CGA 032/022 Outlet
0781-3664	HRF2435-580 HEL	HRF Pro, 200 CFH Helium, CGA 580 Inlet, CGA 032/022 Outlet



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