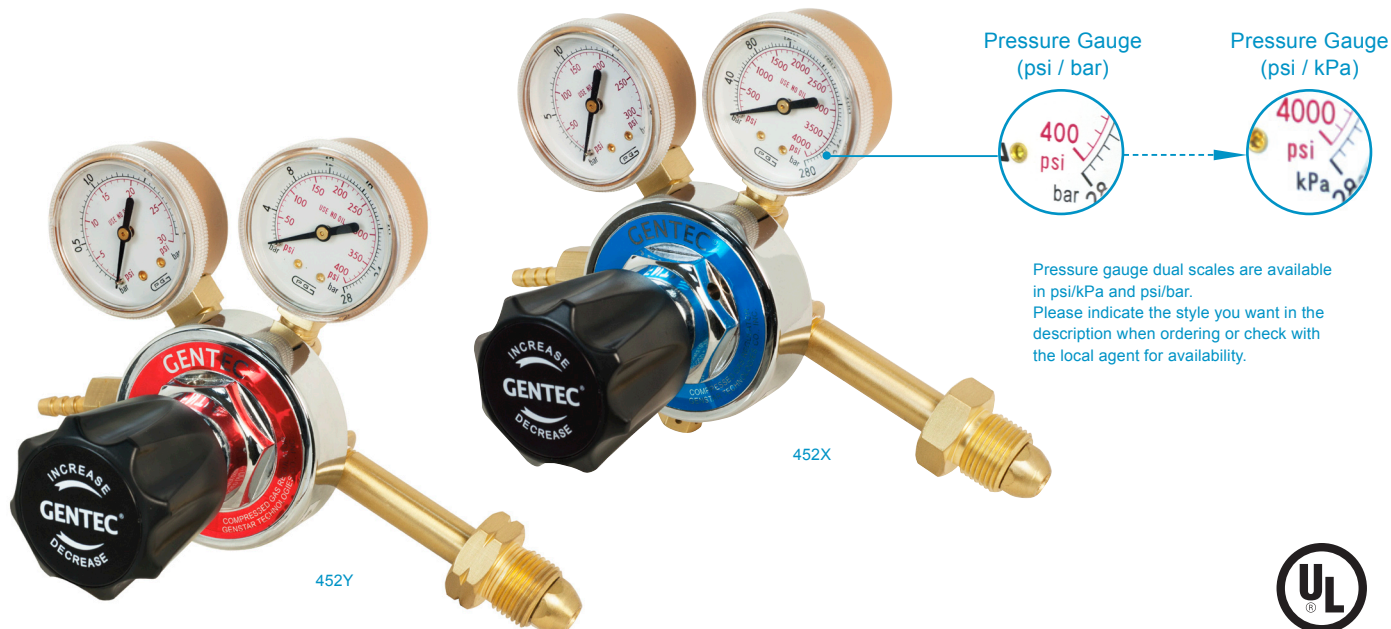


452 Series Single Stage Regulators

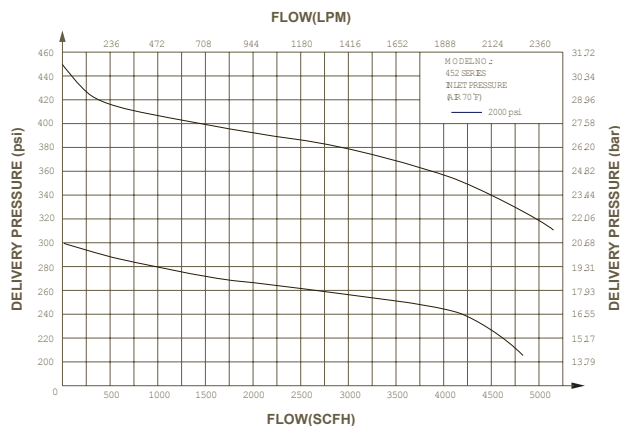
452 Series Single Stage Regulators are designed for medium to heavy duty gas welding, cutting, and heating applications, 452 Series is a Harris® style regulator with a 2-3/4" diaphragm and a Victor® style seat mechanism.



Features

- Non-Removable control knob
- 2" gauges for easy reading
- Stem-type seat assembly for more reliable performance
- Forged brass body
- Chrome-plated housing cap for fuel gas and oxygen models
- Self re-seating external pressure relief valve on oxygen, inert gas, CO₂ and nitrogen models
- Sintered bronze inlet filter
- Weight: 3 lbs (1.36 kg)
- UL listed

Flow Chart



Model Number	Gas Service	Maximum Inlet Pressure	Maximum Delivery Pressure	Inlet Gauge	Outlet Gauge	Inlet Connection*	Outlet Connection
452F-40	L.P. GAS	400 psi (28 bar)	2~40 psi (0.14~2.8 bar)	2", 4000 psi (280 bar)	2", 60 psi (4.1 bar)	BS4, G 5/8"-LH(M)	G 3/8"-LH(M)
452F-125			5~125 psi (0.35~8.6 bar)		2", 200 psi (13.8 bar)		
452X-80	OXYGEN	3000 psi (207 bar)	4~80 psi (0.28~5.5 bar)	2", 4000 psi (280 bar)	2", 100 psi (6.9 bar)	BS3, G 5/8"-RH(M)	G 3/8"-RH(M)
452X-175			5~175 psi (0.35~12 bar)		2", 300 psi (20.7 bar)		
452Y-15	ACETYLENE	400 psi (28 bar)	2~15 psi (0.14~1 bar)	2", 4000 psi (280 bar)	2", 30 psi, RL (2 bar)	BS4, G 5/8"-LH(M)	G 3/8"-LH(M)
452C-175	CARBON DIOXIDE	3000 psi (207 bar)	5~175 psi (0.35~12 bar)	2", 4000 psi (280 bar)	2", 300 psi (20.7 bar)	BS8, G 0.860"-14RH(F)	G 3/8"-RH(M)
452C-300			20~300 psi (1.4~20.6 bar)		2", 400 psi (27.6 bar)		
452IN-80	INERT GASES (Ar, He) NITROGEN	3000 psi (207 bar)	4~80 psi (0.28~5.5 bar)	2", 4000 psi (280 bar)	2", 100 psi (6.9 bar)	BS8, G 0.860"-14RH(F)	G 3/8"-RH(M)
452IN-175			5~175 psi (0.35~12 bar)		2", 300 psi (20.7 bar)		
452IN-300			20~300 psi (1.4~20.6 bar)		2", 400 psi (27.6 bar)		
452IN-450			30~450 psi (2~31 bar)		2", 600 psi (41.4 bar)		

*Products can be ordered with German (DIN) connections . Please confirm when ordering.