

GP 402

General Purpose - Brass Regulator



Model GP 402-050-580 shown

A brass two stage regulator with neoprene diaphragms for general purpose laboratory applications. The GP 402 maintains a constant delivery pressure from full to near empty cylinder conditions. The GP 402 is not recommended for high purity applications which may be sensitive to contamination due to elastomeric components. The Model GP 402 is suitable for:

- ▶ Non-corrosive industrial grade gases
- ▶ Purging
- ▶ Pressure testing
- ▶ Gas shielding

FEATURES

- ▣ 0-15, 0-50, 0-125 and 0-250 PSIG delivery pressure
- ▣ Neoprene diaphragms for greater sensitivity
- ▣ One-piece encapsulated seat design to protect the seat from particulate contamination
- ▣ Tamper-proof, self reseating internal safety valve
- ▣ 2" dual scale brass gauges (psi/kPa)
- ▣ Conforms to CGA E-4 standard for gas pressure regulators

MATERIALS

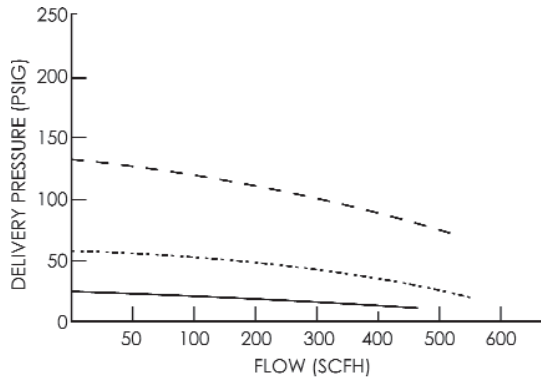
BodyBrass
BonnetsPainted Die Cast
DiaphragmsNeoprene
NozzlesBrass
SeatsPTFE Teflon
FiltersNickel-Plated Sintered Bronze - 10 Micron
Seat Return SpringsPH 17-7 Stainless Steel
Adjusting KnobABS Plastic
Outlet1/4" MNPT Brass

GP 402 ORDERING INFORMATION

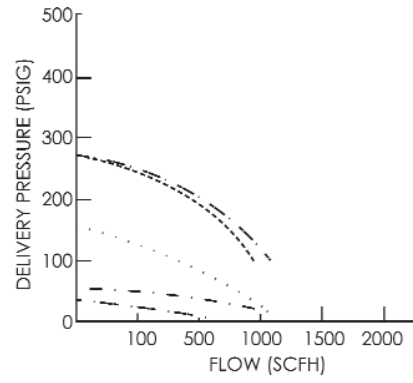
PART NO.	MODEL NO.	GAS	MAX. INLET PSIG	DELIVERY PRESSURE RANGE PSIG	DELIVERY PRESSURE GAUGE PSIG	SUPPLY PRESSURE GAUGE PSIG
3301250	GP402-15-300	Acetylene	500	0-15	30	400
3301251	GP402-15-510	Acet./Fuel Gas	500	0-15	30	400
3301252	GP402-50-510P	Propane	500	0-50	60	400
3301253	GP402-50-540		3000	0-50	60	4000
3301254	GP402-125-540	Oxygen	3000	0-125	150	4000
3301255	GP402-250-540		3000	0-250	400	4000
3301256	GP402-15-580		3000	0-15	30	4000
3301257	GP402-50-580	Ar, He, N ₂	3000	0-50	60	4000
3301258	GP402-125-580		3000	0-125	150	4000
3301259	GP402-250-580		3000	0-250	400	4000
3301280	GP402-15-320		3000	0-15	30	4000
3301260	GP402-50-320		3000	0-50	60	4000
3301261	GP402-125-320	Carbon Dioxide	3000	0-125	150	4000
3301262	GP402-250-320		3000	0-250	400	4000
3301263	GP402-15-350		3000	0-15	30	4000
3301264	GP402-50-350		3000	0-50	60	4000
3301265	GP402-125-350	H ₂ , Methane	3000	0-125	150	4000
3301266	GP402-250-350		3000	0-250	400	4000
3301273	GP402-15-590		3000	0-15	30	4000
3301274	GP402-50-590		3000	0-50	60	4000
3301275	GP402-125-590	Air	3000	0-25	150	4000
3301276	GP402-250-590		3000	0-250	400	4000

GP 402 TECHNICAL SPECIFICATIONS

FLOW DATA



15 @ 200 PSIG INLET ———
 50 @ 200 PSIG INLET - - - - -
 125 @ 200 PSIG INLET - - - - -



15 @ 2000 PSIG INLET - - - - -
 50 @ 2000 PSIG INLET - - - - -
 125 @ 2000 PSIG INLET - - - - -
 250 @ 350 PSIG INLET - - - - -
 250 @ 2000 PSIG INLET - - - - -

SPECIFICATIONS

- ▶ C_v : .15
- ▶ Pressure Regulation: .04 PSIG/100 PSIG
- ▶ Weight: 4.48 Lbs.

DIMENSIONS

