DataSheet No. GA600GEN - Issue 2



4.5 Purity Two Stage Brass Barstock Piston High Flow Cylinder Regulator



The Tech Master GA600 Series two stage piston cylinder regulators are designed for the primary control of non-corrosive or toxic, technical grade gases up to grade 4.5 purity (99.995%), on high flow, high pressure applications where constant delivery pressure is required as the cylinder pressure decreases.

■ GA600 Series | Two Stage Piston High Flow Cylinder Regulator



FEATURES

- Low wetted surface area
- Full range of outlet fittings
- Finned body to reduce refrigerant effect
- Fitted high capcity pressure relief valve

MATERIAL

Body Brass Barstock Bonnet Brass Barstock

Piston Brass **EPDM** Seal

■ Valve Seat Polychloroprene (Neoprene)

■ Filter Bronze

SPECIFICATION

■ Maximum Inlet Pressure 60 bar (870 PSI)

> 230 bar (3335 PSI) 300 bar (4350 PSI) *

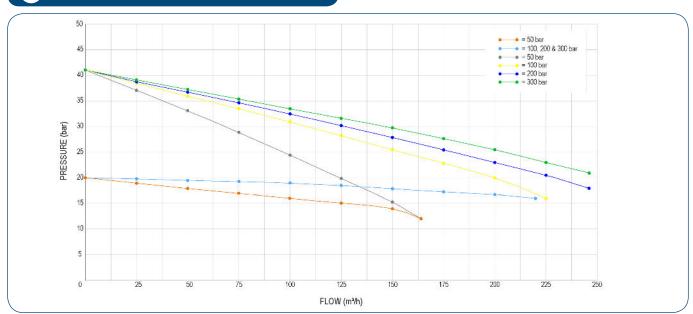
■ Delivery Pressure Range 41 bar (600 PSI)

■ Temperature Range -20° C to +60° C (-4° F to +140° F)

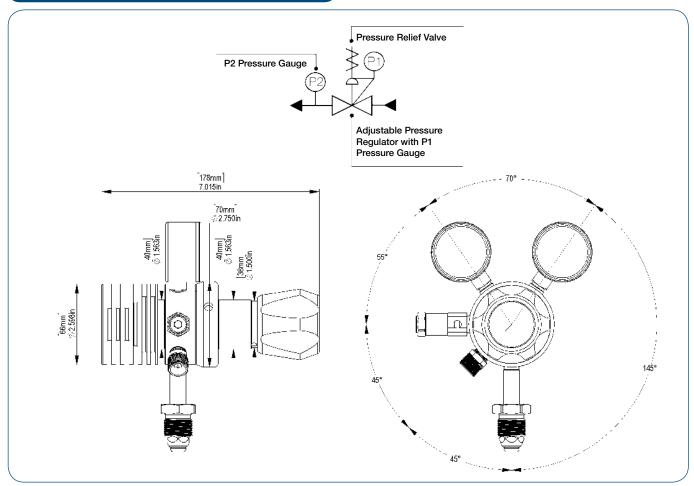
Weight 2.8 kg (6.2 lb)

*Subject to Cylinder Connection

V FLOW PERFORMANCE







MODEL NO. SELECTOR GUIDE

Product Type	Part Number	Inlet Pressure	Outlet Pressure	Inlet Connection	Outlet Connection	Gas
GA600	RAN07101	230 bar [3335 PSI]	0 - 41 bar [600]	BS341 No.3 / 5/8 R/H	G3/8 BSP R/H Male	Oxygen
GA600	RAN07102	300 bar [4350 PSI]	0 - 41 bar [600]	BS341 No.3 / 5/8 R/H	G3/8 BSP R/H Male	Inert Gas
GA600	RAN07106	230 bar [3335 PSI]	0 - 41 bar [600]	BS341 No.4 / 5/8 L/H	G3/8 BSP L/H Male	Fuel Gas
GA600	RAN07120	60 bar [870 PSI]	0 - 41 bar [600]	BS341 No.8	G3/8 BSP R/H Male	Carbon Dioxide
GA600	RAN07116	300 bar [4350 PSI]	0 - 41 bar [600]	BS341 No.30 / NEVOC	G3/8 BSP R/H Male	Inert Gas
GA600	RAN07117	300 bar [4350 PSI]	0 - 41 bar [600]	BS341 No.38 / NEVOC	G3/8 BSP L/H Male	Fuel Gas