

# GS750HF Gascon Systems Dual Stage High Flow Regulator



- Bar stock brass body
- Maximum outlet pressure adjusting stop
- Colour coded control knobs
- Up to 3 times the flow of a standard C750 type regulator
- Australian made

## Applications:

- Constant pressure high flow processes
- For general use in non-corrosive gas applications
- Supply regulator for reticulation systems

The GS750HF range of regulators offers constant pressure benefits of a two stage regulator. It has a high outlet flow capacity not found in many dual stage regulators. The flow capacity can be up three times that of the C750 regulator range of regulators. The default outlet connection is 1/2" NPT female that easily allows connection piping up to 1" diameter.

For specific models for acetylene refer to model number GS93.

## Specifications:

**Max. Inlet Pressure:** 20,000 kPa @ 15°C  
(31,500 kPa optional)

**Outlet Pressures:** 0 – 1,200 kPa

**Gauges:** 50mm diameter brass

**Body Ports:** 1/4" NPT (F) (except outlet)  
1/2" NPT (F) outlet

**Weight:** 2.2 kg

## Materials:

**Body:** Chrome plated brass bar stock

**Bonnet:** Powder coated zinc diecast

**Seat:** PCTFE & Viton (Nitrile & EDPM Optional)

**Filter:** 63 micron cupro nickel

**Diaphragm:** Neoprene; EDPM; or PTFE coated neoprene

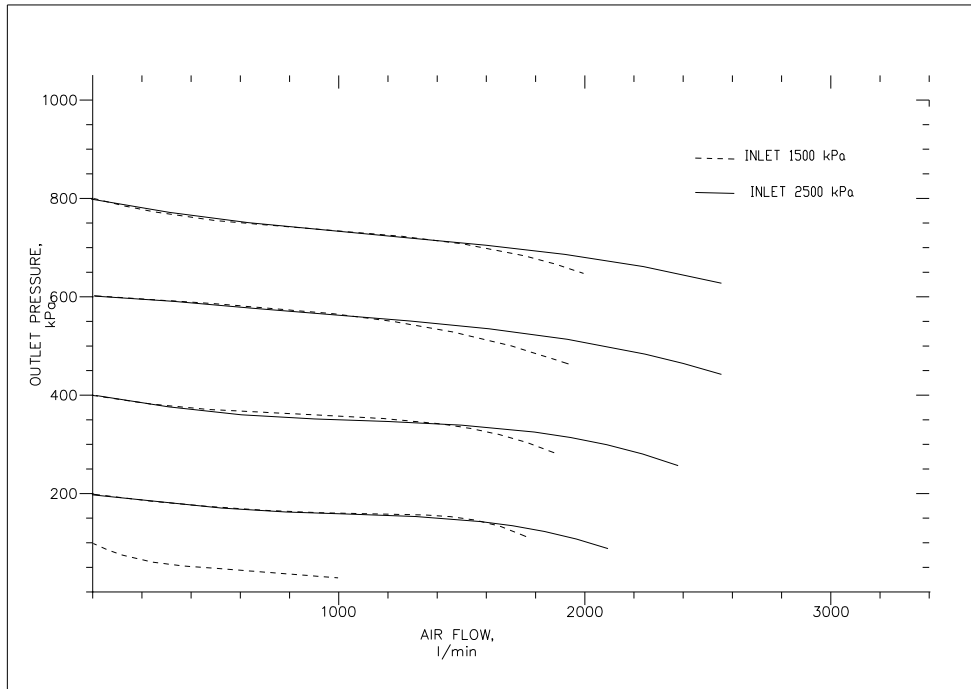
## ORDERING INFORMATION GSXXXHF - XX - XXX - XX - XXXX

Model	Outlet Pressure	Inlet Fitting	Outlet Fitting	Gas
GS750HF Vertical Inlet	Required Outlet Pressure in kPa	T10 (AS2473 Type 10)	8F (1/2" NPT Female)	AIR (Air)
GS751HF Side Inlet		T20 (AS2473 Type 20)	2S (1/8" Tube Fitting)	AR (Argon/Argoshield)
		T30 (AS2473 Type 30)	4S (1/4" Tube Fitting)	CO2 (Carbon Dioxide)
		T50 (AS2473 Type 50)	6S (3/8" Tube Fitting)	FUEL (Flammable)
		T60 (AS2473 Type 60)	8S (1/2" Tube Fitting)	HE (Helium)
		4F (1/4" Female NPT)	Others by Description	H2 (Hydrogen)
		Others by Description		INERT (Non-flammable)
				N2 (Nitrogen)
				N2O (Nitrous Oxide)
				OXY (Oxygen)
				OTHERS by Symbol

## Ordering examples

GS750HF-800-T10-8S-AR High flow, dual stage, vertical inlet, adjustable to 800 kPa, 1/2" tube outlet fitting, for argon  
GS751HF-1000-T50-12S-N2 High flow, dual stage, side inlet, adjustable to 1000kPa, 3/4" tube outlet fitting, for nitrogen

## Flow Performance



## Basic Dimensions (vertical inlet model shown)

