

# Chrome Plated High Flow Nitrous Oxide Valve

Designed for Automotive and Racing Applications

# HARRISON

PRECISION VALVE PRODUCTS

## Parallel / Straight Threads for Aluminum Cylinders

### KEY FEATURES:

- O-ring seal technology provides superior leak integrity.
- High flow lower plug for optimum racing performance.
- Easy operation under all pressures.
- 100% leak testing on entire production.
- Meets and exceeds CGA V9 and ISO 10297.
- Unitized plug with robust hex and threads insure easy installation.
- Nitrous oxide valves pass stringent adiabatic oxygen compression testing per ISO 10297.
- All valves are bagged and cleaned for oxygen service per CGA G4.1.
- Supplied with a standard CG1 plug style safety. Racer pipe away safeties are available with -8AN outlet threads.
- All valves are supplied with inlet O-ring.



Part Number	Gas Service	CGA	Outlet Thread	Inlet	Safety
VC660-5-1-3000G	Nitrous Oxide (Racing)	660	1.030-14NGO RH INT	1.125-12UNF2A	CG1
VC660-5-1-3000G-CS	Nitrous Oxide (Racing)	660	1.030-14NGO RH INT	1.125-12UNF2A	G 1/4 Threads, CG1
VC660-5-1-3000G-PA	Nitrous Oxide (Racing)	660	1.030-14NGO RH INT	1.125-12UNF2A	Pipe away 8AN, CG1
VC660-5-1-3000G-CA-PA	Nitrous Oxide (Racing)	660	1.030-14NGO RH INT	1.125-12UNF2A	Pipe away, G 1/4 Threads, CG1

The suffix "xxxx" denotes pressure relief device burst disc rupture pressure. Refer to the safety device ordering information chart for pressures available.

Cylinder Service	Pressure Relief	Disc Rupture Range		Pressure Relief Device Replacement Part Number			
				Chrome Standard Safety	Chrome Pipe Safety	Chrome Standard Safety (G 1/4)	Chrome Pipe away Safety (G 1/4)
Pressure In PSIG	Device Stamping	Minimum	Maximum	CG-1 Frangible Disc	CG-1 Frangible Disc	CG-1 Frangible Disc	CG-1 Frangible Disc
1800	3000	2700	3000	HCV-CG1-3000	HCV-CG1-3000-CS	HCV-CG1-3000-PA	HCV-CG1-3000-CS-PA

### CUSTOM DESIGN AND PRIVATE LABELING

At Harrison we know custom design and private labeling is what sets you apart from the competition in the world of automotive motor sports. Harrison has the ability to custom design a valve forged from brass or machined from aluminum with logos and engraving specific to your business.

# HARRISON

[www.HarrisonValve.com](http://www.HarrisonValve.com)

