

CHECK VALVES

REGULATOR OUTLET BUSHING MODEL, B-SIZE (9/16"-18)

- Replaces outlet bushing in most regulators
- Flow capacity is 1000 SCFH at 50 PSIG
- Regulator type Check Valve is easily seen and less subject to contamination, abuse and damage
- Installed with PTFE thread seal tape on 1/4" NPT tapered threads

1/4" NPT INLINE CHECK VALVES, TO 200 PSIG (1400 kPa)

- These Check Valves are appropriate for applications that require higher operating pressures, up to 200 PSIG
- Compact design and low open/close pressures: 3 oz. to open valve and 10 oz. of reverse pressure for positive valve closing
- Flow characteristics match those in the Flow Specification Chart (below) for B-Size Check Valves

INLINE NPT CHECK VALVES, HEAVY DUTY

- Heavy Duty Check Valves are designed for high performance in demanding applications
- All styles feature low/open/close pressures: 3 oz. to open the valve and 10 oz. of reverse pressure for positive valve closing
- Check Valve seat material is durable Ethylene Propylene (EPDM)
- For use in high pressure pigtail assemblies

CGA CYLINDER ADAPTORS WITH CHECK VALVES

- Cylinder Adaptors (see page 53) may be ordered with Check Valves installed in the cylinder nipple
- Adaptors are available from stock for compatible gases only
- To order Cylinder Adaptors with Check Valves, add - CV to the Adaptor part no. For example, Adaptor 15 becomes 15-CV with built-in check valve

CHECK VALVE FLOW SPECIFICATIONS CHARTS

Flow curves presented here are based on air at 70° F. To convert flows of other gases, multiply by the appropriate conversion factor listed on instruction sheets included with all check valves.

PART NO.	DESCRIPTION	SERVICE
REGULATOR OUTLET BUSHING MODEL B-SIZE (9/16"-18)		
CV-32R**	Oxygen RH, 1/4" NPT Male to B-Size Male, to 125 PSIG (800 kPa)	CGA-022
CV-33L**	Fuel Gas LH, 1/4" NPT Male to B-Size Male, to 50 PSIG (345 kPa)	CGA-023
WE-62**	Regulator Outlet Set Includes CV-32R & CV-33L	B-Size

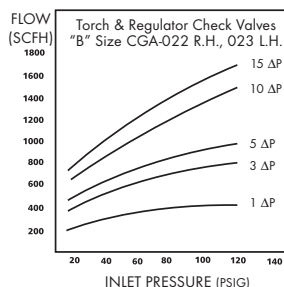
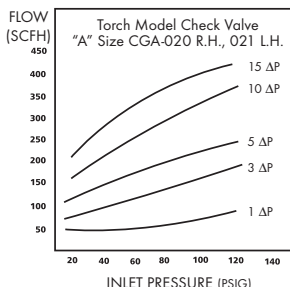
**UL Listed

PART NO.	DESCRIPTION
1/4" NPT INLINE CHECK VALVES, TO 200 PSI (1400 kPa)	
CV-4	1/4" NPT Male to 1/4" NPT Male
CV-5	1/4" NPT Male to 1/4" NPT Female (Flow Male to Female)
CV-6	1/4" NPT Female to 1/4" NPT Male (Flow Female to Male)



PART NO.	DESCRIPTION	MATERIAL	MAX PSIG
INLINE NPT CHECK VALVES, HEAVY DUTY			
CV-4M	1/4" NPT Male Inlet to Male Outlet	Brass	3000
CV-6M	3/8" NPT Male Inlet to Male Outlet	Brass	3000
CVF-4M	1/4" NPT Female Inlet to Male Outlet	Brass	3000
CVM-4F	1/4" NPT Male Inlet to Female Outlet	Brass	3000
CV-4MSS	1/4" NPT Male Inlet to Male Outlet	St. Steel	6000
CVF-4MSS	1/4" NPT Female Inlet to Male Outlet	St. Steel	6000
CVM-4FSS	1/4" NPT Male Inlet to Female Outlet	St. Steel	6000

PART NO.	DESCRIPTION	SERVICE
CHECK VALVE ADAPTORS, SAME CGA BOTH ENDS		
CV-346	Air RH, Female	CGA-346
CV-540	Oxygen RH, Female	CGA-540



ΔP - Pressure Drop (psi)

GAS	CONVERSION FACTOR
Acetylene	1.05
Butane	.89
Hydrogen	3.79
Mapp Gas	.82
Methane	1.34
Oxygen	.95
Propane	.81