

PART NO.		DESCRIPTION	SERVICE
<b>A-SIZE (3/8"-24 THREAD) * B-SIZE (9/16"-18 THREAD)</b>			
101		Oxygen RH: B-Size F Inlet to B-Size M Outlets	CGA-022
102		Acetylene/F. Gases LH: B-Size F Inlet to B-Size M Outlets	CGA-023
113		Oxygen RH: A-Size F Inlet to A-Size M Outlets	CGA-020
114		Acetylene/F. Gases LH: A-Size F Inlet to A-Size M Outlets	CGA-021
401		Inert Gas RH: 5/8"-18 M Inlet to 5/8"-18 F Outlets	CGA-032
402		Water, Industrial Air LH: 5/8"-18 M Inlet to 5/8"-18 F Outlets	CGA-033
<b>PRESSURES TO 3000 PSIG (20,700 kPa)</b>			
111-5		Short "Y" Connection: 1/4" NPT F Inlet to 1/4" NPT F Outlets	-
111-6		Short "Y" Connection: 1/8" NPT F Inlet to 1/4" NPT F Outlets	-

**"Y" CONNECTIONS, BRASS**  
**PRESSURES TO 200 PSIG (1400 kPa)**

PART NO.		DESCRIPTION	SERVICE
<b>B-SIZE (9/16"-18 THREAD)</b>			
<b>VALVED "Y" CONNECTIONS, BRASS</b> <b>PRESSURES TO 200 PSIG (1400 kPa)</b>			
<ul style="list-style-type: none"> <li>• For use of two cutting and/or two welding torches at once</li> <li>• Precision shut off valves</li> </ul>			
<b>111</b>			
111 *		Oxygen RH: B-Size F Inlet to B-Size M Outlets	CGA-022
112 *		Acetylene/F. Gases LH: B-Size F Inlet to B-Size M Outlets	CGA-023
115		Oxygen RH: A-Size F Inlet to A-Size M Outlets	CGA-020
116		Acetylene/F. Gases LH: A-Size F Inlet to A-Size M Outlets	CGA-021
411		Inert Gas RH: 5/8"-18 M Inlet to 5/8"-18 F Outlets	CGA-032
412		Water, Industrial Air LH: 5/8"-18 M Inlet to 5/8"-18 F Outlets	CGA-033
*Sold in retail clamshell packaging			

PART NO.	OUTLET	SERVICE	GAS
<b>1/2" NPT MALE INLET * 7/8"-14 CGA MALE OUTLET</b>			
WSV-1-1	RH, Gas Tight Plug/Chain	CGA-024	Oxygen
WSV-1-2	LH, Gas Tight Plug/Chain	CGA-025	Fuel Gas
WSV-1-1P	RH, No Outlet Protection	CGA-024	Oxygen
WSV-1-2P	LH, No Outlet Protection	CGA-025	Fuel Gas
WSV-1-10C	RH, Dust Cap and Chain	CGA-024	Oxygen
WSV-1-20C	LH, Dust Cap and Chain	CGA-025	Fuel Gas

**VALVES, BRASS**  
**PRESSURES TO 200 PSIG (1400 kPa)**  
**UL Listed**

	PART NO.	BODY & SEAT STYLE	DESCRIPTION	MAX PSIG	
<p><b>CARTRIDGE VALVES STAINLESS STEEL, 1/4" NPT M X 1/4" NPT M</b></p> <p><b>110 Body Style</b></p>	SS-110S	Male, Metal-To-Metal Seat	For corrosive gases	6000	
	SS-110K	Male, Soft Seat	Minimal force shut-off	3000	
	SS-110M	Male, Metering Seat	Fine thread for accuracy	6000	
	SS-120S	Male 90°, Metal-To-Metal Seat	For corrosive gases	6000	
	SS-120K	Male 90°, Soft Seat	Minimal force shut-off	3000	
	SS-120M	Male 90°, Metering Seat	Fine thread for accuracy	6000	
	SS-130S	Female, Metal-To-Metal Seat	For corrosive gases	6000	
	SS-130M	Female, Metering Seat	Fine thread for accuracy	6000	
	<b>REPLACEMENT CARTRIDGES</b>				
	SS-CS	Metal-To-Metal Seat Cartridge			
SS-CK	Soft Seat Cartridge				

PART NO.	DESCRIPTION		
<b>B-SIZE (9/16"-18 THREAD)</b>			
203	Oxygen CGA-022: Inlet: B-Size Female Swivel Nut RH; Outlet: B-Size Male RH	<p><b>BRASS BODY VALVES FOR NON-CORROSIVE GASES PRESSURES TO 200 PSIG (1400 kPa)</b></p> <p><b>205</b>                      <b>215-AR</b></p>	
204	Acetylene/F. Gases CGA-023: Inlet: B-Size Female Swivel Nut LH; Outlet: B-Size Male LH		
205	Oxygen CGA-022: Inlet: 1/4" NPT Male; Outlet: B-Size Male RH		
206	Acetylene/F. Gases CGA-023: Inlet: 1/4" NPT Male; Outlet: B-Size Male LH		
207	Oxygen CGA-022: Inlet: B-Size Male RH; Outlet: 1/4" NPT Male		
208	Acetylene/F. Gases CGA-023: Inlet: B-Size Male LH; Outlet: 1/4" NPT Male		
208-F	Acetylene/F. Gases CGA-023: Inlet: B-Size Male LH; Outlet: 1/4" NPT Female		
212	Acetylene/F. Gases CGA-023: Inlet: B-Size Male LH; Outlet: 1/8" NPT Female		
209	Oxygen CGA-022: Inlet: B-Size Male RH; Outlet: B-Size Male RH		
210	Acetylene/F. Gases CGA-023: Inlet: B-Size Male LH; Outlet: B-Size Male LH		
215-AR	Inert Gas CGA-032: Inlet: 1/4" NPT Male; Outlet: 5/8"-18 Female RH		
215-AL	Inert Gas CGA-033: Inlet: 1/4" NPT Male; Outlet: 5/8"-18 Female LH		
215-FR	Inert Gas CGA-032: Inlet: 5/8"-18 Male Swivel Nut RH; Outlet: 5/8"-18 Female RH		
<b>PRESSURES TO 3000 PSIG (20,700 kPa)</b>			
	All Non-Corrosive Gases:		
211-E	Inlet: 1/8" NPT Male; Outlet: 1/8" NPT Male		
211	Inlet: 1/4" NPT Male; Outlet: 1/4" NPT Male		
217	Inlet: 1/4" NPT Male; Outlet: 1/4" NPT Female		
218	Inlet: 1/4" NPT Female; Outlet: 1/4" NPT Male		
218-D	Inlet: 1/4" NPT Female; Outlet: 1/4" NPT Female		

**SAFETY RELIEF VALVES**

**For Gaseous or Liquid Nitrogen, Oxygen, Air and other Cryogenic Fluids**

- Use in cryogenic, pressure vessel, manifold and other demanding applications
- Silicone seat provides superior sealing/resealing
- Heavy duty brass construction resists corrosion

**1/4" NPT RELIEF VALVE**

- Accurate Cracking Pressure:  
± 3 PSIG to 70 PSIG  
4% of set pressure over 70 PSIG
- Temperature Range:  
- 100°F to +165°F  
- 73°C to +74°C
- Pressure Settings (PSIG)  
22, 35, 50, 100, 125, 230, 235, 350  
(others available upon request)
- Orifice Size: 1/4" Diameter
- Flow Coefficient  
(Cv Factor): .65 Typical

**1/2" NPT RELIEF VALVE**

- Accurate Cracking Pressure:  
± 5 PSIG to 100 PSIG  
± 10 PSIG of set pressure over 100 PSIG
- Temperature Range:  
- 100°F to +165°F  
- 73°C to +74°C
- Pressure Settings (PSIG)  
60, 75, 100, 150, 200, 250, 375  
(others available upon request)
- Orifice Size: 5/16" Diameter
- Flow Coefficient  
(Cv Factor): 1.3 Typical

PART NO.		DESCRIPTION
<b>1/4" NPT Inlet Relief Valves</b>		
WMV-4-22		22 PSIG Setting
WMV-4-35		35 PSIG Setting
WMV-4-50		50 PSIG Setting
WMV-4-100		100 PSIG Setting
WMV-4-125		125 PSIG Setting
WMV-4-230		230 PSIG Setting
WMV-4-235		235 PSIG Setting
WMV-4-350		350 PSIG Setting
WMV-4-7		Pipe-away Adaptor, All Models
<b>1/2" NPT Inlet Relief Valves</b>		
WMV-8-60		60 PSIG Setting
WMV-8-75		75 PSIG Setting
WMV-8-100		100 PSIG Setting
WMV-8-150		150 PSIG Setting
WMV-8-200		200 PSIG Setting
WMV-8-250		250 PSIG Setting
WMV-8-275		275 PSIG Setting
WMV-8-7		Pipe-away Adaptor, All Models

**SAFETY RELIEF VALVES, BRASS**