

Hydrogen

Hydrogen in Air							
Grade	Part No.	Concentration	Cylinder Size	Contents cu.ft.	Pressure psig @ 70° F	Equipment Recommended	CGA Valve Connection
Primary	PS-2-AIR-XX-DN	10 ppm-0.1%	150AL	144	2000	300 series brass regulator	590
		0.1-2.0%	200	214	2000		
Certified	CS-2-AIR-XX-DN	5-49 ppm	200	214	2000	300 series brass regulator	590
			80	78	2000		
			35	33	2000		
		50-999ppm	200	214	2000		
			80	78	2000		
			35	33	2000		
		0.1-2.0%	200	214	2000		
			80	78	2000		
			35	33	2000		
			35	33	2000		
Custom	CM-2-AIR-XX-DN	50-999 ppm	200	214	2000	300 series brass regulator	590
			80	78	2000		
			35	33	2000		
		0.1-2.0%	200	214	2000		
			80	78	2000		
			35	33	2000		
			35	33	2000		

XX - Complete the part number with the desired cylinder size listed above.

DN - Description number assigned by manufacturing location.

Shipping Information:	
Major Component:	Air
% of Hydrogen:	< 2.8%
DOT/TC Proper Name:	Compressed Gas, N.O.S.
Hazard Class:	2.2
I.D. Number:	UN 1956
Labels:	Non-flammable Gas

Hydrogen in other balance gases are available upon request.

Hydrogen (cont.)

Hydrogen in Argon							
Grade	Part No.	Concentration	Cylinder Size	Contents cu.ft.	Pressure psig @ 70° F	Equipment Recommended	CGA Valve Connection
Primary	PS-2-ARG-XX-DN	0.1-50%	150AL	226	2000	300 series brass regulator	350
Certified	CS-2-ARG-XX-DN	5-49 ppm	200	226	2000	300 series brass regulator	350
			80	83	2000		
			35	35	2000		
		50-999ppm	200	226	2000		
			80	83	2000		
			35	35	2000		
		0.1-50%	200	226	2000		
			80	83	2000		
35	35		2000				
Custom	CM-2-ARG-XX-DN	50-999 ppm	200	226	2000	300 series brass regulator	350
			80	83	2000		
			35	35	2000		
		0.1-50%	200	226	2000		
			80	83	2000		

XX - Complete the part number with the desired cylinder size listed above.

DN - Description number assigned by manufacturing location.

Shipping Information:		
Major Component:	Argon	Argon
% of Hydrogen:	< 2.9%	> 2.9%
DOT/TC Proper Name:	Compressed Gas, N.O.S.	Compressed Gas, Flammable, N.O.S.
Hazard Class:	2.2	2.1
I.D. Number:	UN 1956	UN 1954
Labels:	Non-flammable Gas	Flammable Gas

Hydrogen in other balance gases are available upon request.

Hydrogen (cont.)

Hydrogen in Helium								
Grade	Part No.	Concentration	Cylinder Size	Contents cu.ft.	Pressure psig @ 70° F	Equipment Recommended	CGA Valve Connection	
Primary	PS-2-HEL-XX-DN	0.1-50%	200	200	2000	300 series brass regulator	350	
Certified	CS-2-HEL-XX-DN	5-49 ppm	200	200	2000	300 series brass regulator	350	
			150AL	135	2000			
			80	73	2000			
			35	32	2000			
			35AL	27	2000			
			200	200	2000			
		50-999ppm	200	200	2000			
			80	73	2000			
			35	32	2000			
			0.1-50%	200	200			2000
				80	73			2000
				35	32			2000
Custom	CM-2-HEL-XX-DN	50-999 ppm	200	200	2000	300 series brass regulator	350	
			80	73	2000			
			35	32	2000			
		0.1-50%	200	200	2000			
			80	73	2000			
			35	32	2000			

XX - Complete the part number with the desired cylinder size listed above.

DN - Description number assigned by manufacturing location.

Shipping Information:		
Major Component:	Helium	Helium
% of Hydrogen:	< 3.9%	> 3.9%
DOT/TC Proper Name:	Compressed Gas, N.O.S.	Compressed Gas, Flammable, N.O.S.
Hazard Class:	2.2	2.1
I.D. Number:	UN 1956	UN 1954
Labels:	Non-flammable Gas	Flammable Gas

Hydrogen in other balance gases are available upon request.

Hydrogen (cont.)

Hydrogen in Nitrogen							
Grade	Part No.	Concentration	Cylinder Size	Contents cu.ft.	Pressure psig @ 70° F	Equipment Recommended	CGA Valve Connection
Primary	PS-2-NIT-XX-DN	10 ppm-0.1%	150AL	208	2000	300 series brass regulator	350
Certified	CS-2-NIT-XX-DN	5-49 ppm	200	208	2000	300 series brass regulator	350
			80	76	2000		
			35	32	2000		
		50-999ppm	200	208	2000		
			80	76	2000		
			35	32	2000		
		0.1-2.0%	200	208	2000		
			80	76	2000		
			35	32	2000		
Custom	CM-2-NIT-XX-DN	50-999 ppm	200	208	2000	300 series brass regulator	350
			80	76	2000		
			35	32	2000		
		0.1-50%	200	208	2000		
			80	76	2000		
			35	32	2000		

XX - Complete the part number with the desired cylinder size listed above.
 DN - Description number assigned by manufacturing location.

Shipping Information:		
Major Component:	Nitrogen	Nitrogen
% of Hydrogen:	< 5.7%	> 5.7%
DOT/TC Proper Name:	Compressed Gas, N.O.S.	Compressed Gas, Flammable, N.O.S.
Hazard Class:	2.2	2.1
I.D. Number:	UN 1956	UN 1954
Labels:	Non-flammable Gas	Flammable Gas

Hydrogen in other balance gases are available upon request.