

Nitrogen (N₂)

- Other balance gases and cylinder sizes are available upon request.
- Batch Analysis: order quantities of 6 or more cylinders.

Nitrogen in Argon			Pricing Reference Number			Equipment Recommendations		
Concentration	Cylinder Size	Contents ft ³	Primary Standard	Certified Standard	Batch Analysis	Description Product Number	Delivery Pressure Range (psig)	Page Number
1 - 99 ppm	200	228	ARBPNA	ARBCNA	ARBBNA	Two-Stage Regulators Y12-N145 * 580 Y12-244 * 580 Single-Stage Regulators Y11-N145 * 580 Y11-244 * 580	A = 0-25 B = 0-50 D = 0-100 E = 0-150 F = 0-250 G = 0-500**	E13 E11 E14 E10
	150A	153	AREPNA	ARECNA	AREBNA			
	80	90	ARCPNA	ARCCNA	ARCBNA			
	35	35	ARDPNA	ARDCNA	ARDBNA			
100 - 9999 ppm	200	228	ARBPNB	ARBCNB	ARBBNB			
	150A	153	AREPNB	ARECNB	AREBNB			
	80	90	ARCPNB	ARCCNB	ARCBNB			
	35	35	ARDPNB	ARDCNB	ARDBNB			
1 - 50%	200	224	ARBPNC	ARBCNC	ARBBNC			
	80	90	ARCPNC	ARCCNC	ARCBNC			
	35	35	ARDPNC	ARDCNC	ARDBNC			

Primary Standards available for concentrations greater than 5 ppm.
Standard Valve Outlet: CGA 580
Certificate of Analysis included.

* Insert Delivery Pressure Range Code
** Single Stage Only

Nitrogen in Helium			Pricing Reference Number			Equipment Recommendations		
Concentration	Cylinder Size	Contents ft ³	Primary Standard	Certified Standard	Batch Analysis	Description Product Number	Delivery Pressure Range (psig)	Page Number
1 - 99 ppm	200	228	HEBPNA	HEBCNA	HEBBNA	Two-Stage Regulators Y12-N145 * 580 Y12-244 * 580 Single-Stage Regulators Y11-N145 * 580 Y11-244 * 580	A = 0-25 B = 0-50 D = 0-100 E = 0-150 F = 0-250 G = 0-500**	E14 E11 E13 E10
	150A	153	HEEPNA	HEECNA	HEEBNA			
	80	90	HECPNA	HECCNA	HECBNA			
	35	35	HEDPNA	HEDCNA	HEDBNA			
100 - 9999 ppm	200	228	HEBPNB	HEBCNB	HEBBNB			
	150A	153	HEEPNB	HEECNB	HEEBNB			
	80	90	HECPNB	HECCNB	HECBNB			
	35	35	HEDPNB	HEDCNB	HEDBNB			
1 - 50%	200	224	HEBPNC	HEBCNC	HEBBNC			
	80	90	HECPNC	HECCNC	HECBNC			
	35	35	HEDPNC	HEDCNC	HEDBNC			

Primary Standards available for concentrations greater than 5 ppm.
Standard Valve Outlet: CGA 580
Certificate of Analysis included.

* Insert Delivery Pressure Range Code
** Single Stage Only

Rely on Airgas for all your specialty gas equipment needs, including regulators for gas mixtures.



Pictured: Y12-N145

Nitrogen (N₂) Cont.

- Other balance gases and cylinder sizes are available upon request.
- Batch Analysis: order quantities of 6 or more cylinders.

Nitrogen in Hydrogen			Pricing Reference Number			Equipment Recommendations		
Concentration	Cylinder Size	Contents ft ³	Primary Standard	Certified Standard	Batch Analysis	Description Product Number	Delivery Pressure Range (psig)	Page Number
1 - 99 ppm	200	196	HYBPNIA	HYBCNIA	HYBBNIA	Two-Stage Regulators Y12-N145 * 580 Y12-244 * 580 Single-Stage Regulators Y11-N145 * 580 Y11-244 * 580	A = 0-25 B = 0-50 D = 0-100 E = 0-150 F = 0-250 G = 0-500**	E13 E11
	150A	132	HYEPNIA	HYECNIA	HYEBNIA			
	80	77	HYCPNIA	HYCCNIA	HYCBNIA			
	35	30	HYDPNIA	HYDCNIA	HYDBNIA			
100 - 9999 ppm	200	196	HYBPNIB	HYBCNIB	HYBBNIB			
	150A	132	HYEPNIB	HYECNIB	HYEBNIB			
	80	77	HYCPNIB	HYCCNIB	HYCBNIB			
	35	30	HYDPNIB	HYDCNIB	HYDBNIB			
1 - 50%	200	198	HYBPNIC	HYBCNIC	HYBBNIC			
	80	78	HYCPNIC	HYCCNIC	HYCBNIC			
	35	31	HYDPNIC	HYDCNIC	HYDBNIC			

Primary Standards available for concentrations greater than 5 ppm.
Standard Valve Outlet: CGA 350
Certificate of Analysis included.

* Insert Delivery Pressure Range Code
** Single Stage Only

Nitrogen in Oxygen			Pricing Reference Number			Equipment Recommendations		
Concentration	Cylinder Size	Contents ft ³	Primary Standard	Certified Standard	Batch Analysis	Description Product Number	Delivery Pressure Range (psig)	Page Number
1 - 99 ppm	200	230	OXBPNIA	OXBCNIA	OXBBNIA	Two-Stage Regulators Y12-N145 * 296 Y12-244 * 296 Single-Stage Regulators Y11-N145 * 296 Y11-244 * 296	A = 0-25 B = 0-50 D = 0-100 E = 0-150 F = 0-250 G = 0-500**	E13 E11
	150A	154	OXEPNIA	OXECNIA	OXEBNIA			
	80	91	OXCPNIA	OXCCNIA	OXCBNIA			
	35	36	OXDPNIA	OXDCNIA	OXDBNIA			
100 - 9999 ppm	200	230	OXBPNIB	OXBCNIB	OXBBNIB			
	150A	154	OXEPNIB	OXECNIB	OXEBNIB			
	80	91	OXCPNIB	OXCCNIB	OXCBNIB			
	35	36	OXDPNIB	OXDCNIB	OXDBNIB			
1 - 50%	200	226	OXBPNIC	OXBCNIC	OXBBNIC			
	80	89	OXCPNIC	OXCCNIC	OXCBNIC			
	35	35	OXDPNIC	OXDCNIC	OXDBNIC			

Primary Standards available for concentrations greater than 20 ppm.
Standard Valve Outlet: CGA 296
Certificate of Analysis included.

* Insert Delivery Pressure Range Code
** Single Stage Only

Technical Data & Shipping Information	
Cylinder Pressure	2000 psig
U.S. DOT Class:	
In H ₂	2.1
All Others	2.2
U.S. DOT Label:	
In H ₂	Flammable Gas
All Others	Nonflammable Gas
ID Number:	
In H ₂	UN1954
All Others	UN1956