

**Transportation Information**
**UN Number:** 1002


United States of America



Canada



Mexico

Shipping Name	United States of America	Canada	Mexico
Air, Compressed	Air, Compressed	Air, Compressed	Air, Compressed
Hazard Class	2.2	2.2	2.2
Label	Nonflammable Gas	Nonflammable Gas	Nonflammable Gas

**Formula**

N/A

**MSDS Reference**

P-4560

**CAS Number**

132259 - 10 - 0

**General Description**

Colorless, odorless, nonflammable gas.

**Product and Package Information**

Part Number	Product Grade	Quality Assay/ Specification	Cylinder Style	Content ft <sup>3</sup> /m <sup>3</sup>	Regulator Recommendations See Section F, Page 1
AI 0.0UM	Ultra Zero Ambient Monitoring	O <sub>2</sub> 19.9 - 21.9%	AS	144/3.99	4000 Series: Non-corrosive
		H <sub>2</sub> O < 2 ppm	AQ	83/2.30	
		CO < 0.05 ppm	T	310/8.60	
		THC < 0.05 ppm	K	232/6.43	
		NO <sub>x</sub> < 0.02 ppm	Q	78/2.16	
AI 0.0VC	Volatile Organic Compound Free	O <sub>2</sub> 19.9 - 21.9%	AS	144/3.99	4000 Series: Non-corrosive
		H <sub>2</sub> O < 2 ppm	AQ	83/2.30	
		CO <sub>2</sub> < 0.3 ppm	A3	31/0.86	
		CO < 0.05 ppm			
		THC < 0.01 ppm			
		VOC*			
*Individually analyzed for customer selected VOC component(s).					
AI 0.0CE	Continuous Emission Monitoring Zero	O <sub>2</sub> 19.9 -21.9%	AS	144/3.99	3000 Series: Non-corrosive
		H <sub>2</sub> O < 2 ppm	AQ	83/2.30	
		CO <sub>2</sub> < 1 ppm	A3	31/0.86	
		CO < 0.5 ppm			
		THC < 0.1 ppm			
		NO <sub>x</sub> < 0.1ppm			
		SO <sub>2</sub> < 0.1 ppm			
AI 0.0VE	Vehicle Emission Zero	O <sub>2</sub> 20.0 ± 1% abs	T	310/8.60	3000 Series: Non-corrosive
		H <sub>2</sub> O < 1 ppm	K	232/6.43	
		CO <sub>2</sub> < 1 ppm*	AS	144/3.99	
		CO < 0.5 ppm	AQ	83/2.30	
				THC < 0.1 ppm	
		NO <sub>x</sub> < 0.1 ppm			

Complies with Title 40 CFR86.114-79 and EPA I/M 240.

For BAR applications, please see page E11.

For other applications, alternative specifications may apply.

**Product and Package Information**

Part Number	Product Grade	Quality Assay/ Specification	Cylinder Style	Content ft <sup>3</sup> /m <sup>3</sup>	Regulator Recommendations See Section F, Page 1
AI 0.0UZ	Ultra Zero Air	O <sub>2</sub> 19.5% - 23.5% H <sub>2</sub> O < 2 ppm THC < 0.1 ppm CO <sub>2</sub> < 0.5 ppm CO < 0.5 ppm	T	310/8.60	3000 Series: Non-corrosive 2000 Series: Non-corrosive
			K	232/6.43	
			Q	78/2.16	
AI 0.0Z	Zero	O <sub>2</sub> 19.5% - 23.5% THC < 1 ppm	T K	310/8.60 232/6.43	3000 Series: Non-corrosive 2000 Series: Non-corrosive
AI 0.0XD	Extra Dry	O <sub>2</sub> 19.5% - 23.5% H <sub>2</sub> O < 10 ppm	6K	504/13.98	4092 Series: Special Purpose
			4K	442/12.26	4092 Series: Special Purpose
			T	310/8.60	3000 Series: Non-corrosive
			K	232/6.43	2000 Series: Non-corrosive

*For BAR-97 Zero Air in both transportable and refillable containers, see page E11.*

**3012 Series – High Purity Regulator for Non-Corrosive Service, PRS3012 (see page F10)**



When ordering, please add the desired cylinder style to the end of the above part number. (AI 0.0UZ-**K**)

See Sections G and H for safety and technical information.

**Cylinder Information**

Cylinder Style	Connection CGA	Pressure psig/bar	Gross Wt. lb/kg
6K	702	6000/460	347/158
4K	347	4500/310	181/82
AS	590	2000/139	62/28
AQ	590	2200/154	47/21
T	590	2640/183	165/76
K	590	2200/154	150/68
Q	590	2200/154	71/32
A3	590	2200/154	17/8

See Section E – Industrial Hygiene for Zero Air in Praxair's portable cylinders (page E24).

See Section E – Medical Gases for Medical Air – U.S.P. Grade (page E36).

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