

# Gas & Liquid Solution Specifications

## Wine Making

Product	Part Number	Container Size	Pressure psig @ 70°F	Container Type	Content <sup>(1)</sup>	Valve Outlet CGA No.
<b>Argon</b>	<b>AR300</b>	300	2400	Cylinder	300 cf	580
	<b>AR250</b>	250	2265	Cylinder	250 cf	580
	<b>AR230LMP</b>	L230	350	Liquid Container	230 lt	580

<b>Carbon Dioxide</b>	<b>CD50</b>	50	830	Cylinder	50 lb	320
	<b>CD50S</b>	50S**	830	Cylinder	50 lb	320
	<b>CD20</b>	20*	830	Cylinder	20 lb	320
	<b>CD20A</b>	20A+	830	Cylinder	20 lb	320
	<b>CD180LHP</b>	L180++	350	Liquid Container	180 lt	320

\* Does not include siphon tube

\*\* Includes siphon tube for liquid withdrawal

+ Includes carrying handle; does not include siphon tube

++ 160 and 200 liter liquid containers also available; consult your local MATHESON representative

<b>Solid Carbon Dioxide - Dry Ice (Pellet &amp; Rice)</b>	<b>CD DRYICEPLT</b>	N/A	N/A	N/A	***	N/A
	<b>CD ICERICE500</b>	500 lb	N/A	Box*	500 lb	N/A
	<b>CD ICERICE600</b>	600 lb	N/A	Box**	600 lb	N/A
	<b>CD ICEBOX500</b>	500 lb	N/A	Box*	500 lb	N/A
	<b>CD ICEBOX600</b>	600 lb	N/A	Box**	600 lb	N/A

N/A - Not Applicable

\* Insulated Dry Ice box

\*\* Insulated Dry Ice box on wheels

\*\*\* Dry Ice pellets sold by the pound

Other container sizes available.

<b>Nitrogen</b>	<b>NI250</b>	250	2265	Cylinder	250 cf	580
	<b>NI 180LMP</b>	L180	350	Liquid Container	180 lt	580
	<b>NI 200LMP</b>	L200	350	Liquid Container	200 lt	580
	<b>NI 230LMP</b>	L230*	350	Liquid Container	230 lt	580
	<b>NI 265LMP</b>	L265	350	Liquid Container	265 lt	580

\* On wheels

Other liquid container sizes available.

Low pressure liquid containers also available.

<b>Sulfur Dioxide (Supplied in California)</b>	<b>SD GAS150CA</b>	150 lb	34	Cylinder	150 lb	660
	<b>SD GAS25CA</b>	25 lb	34	Cylinder	25 lb	660
	<b>SD LIQ150CA</b>	150 lb	34	Cylinder	150 lb	660
	<b>SD LIQ25CA</b>	25 lb	34	Cylinder	25 lb	660

<b>Sulfur Dioxide (Supplied Outside of California)</b>	<b>SD GAS150</b>	150 lb	34	Cylinder	150 lb	660
	<b>SD GAS25</b>	25 lb	34	Cylinder	25 lb	660
	<b>SD LIQ150</b>	150 lb	34	Cylinder	150 lb	660
	<b>SD LIQ25</b>	25 lb	34	Cylinder	25 lb	660

\* Gas withdrawal

\*\* Includes siphon tube for liquid withdrawal

**⚠ WARNING:** This product can expose you to chemicals including Sulfur Dioxide, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

(1) Contents shown are approximate. Actual contents are based on temperature and pressure at time of fill. Except for Carbon Dioxide and Sulfur Dioxide, which are filled by weight.



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## Wine Making - continued

Product	Part Number	Container Size	Pressure psig @ 70°F	Container Type	Content <sup>(1)</sup>	Valve Outlet CGA No.
<b>Beverage Gas 1</b> <i>(85% Nitrogen / 15% Carbon Dioxide)</i>	<b>BX BV01200</b>	250	2265	Cylinder	200 cf	580
	<b>BX BV0160</b>	60	2015	Cylinder	60 cf	580
<b>Beverage Gas 2</b> <i>(75% Nitrogen / 25% Carbon Dioxide)</i>	<b>BX BV02200</b>	250	2265	Cylinder	200 cf	580
	<b>BX BV0260</b>	60	2015	Cylinder	60 cf	580
<b>Beverage Gas 4</b> <i>(50% Nitrogen / 50% Carbon Dioxide)</i>	<b>BX BV04200</b>	250	2265	Cylinder	200 cf	580
	<b>BX BV0460</b>	60	2015	Cylinder	60 cf	580
<b>Beverage Gas 6</b> <i>(85% Argon / 15% Carbon Dioxide)</i>	<b>BX BV06200</b>	250	2265	Cylinder	200 cf	580
	<b>BX BV0660</b>	60	2015	Cylinder	60 cf	580
<b>Beverage Gas O (Oxygen)</b>	<b>BV OX200</b>	200	2265	Cylinder	200 cf	540

Product	Part Number	Container Size	Working Pressure psig	Container Type	Content <sup>(1)</sup>	Inlet	Outlet
<b>Sulfurous Acid Solution 6%</b>	<b>SG H2S03-330</b>	330 Gallon	N/A	Liquid Container	330 gal	N/A	2" Male Camlock
	<b>SG H2S03-42</b>	42 Gallon	0-15	Liquid Container	42 gal	1/4" Male SS Quick-Connect	1/4" Male SS Quick-Connect
	<b>SG H2S03-6</b>	6 Gallon	15	Liquid Container	6 gal	1/4" Male SS Quick-Connect	1/4" Male SS Quick-Connect
	<b>SG H2S03-5</b>	5 Gallon	0-40	Keg	5 gal	N/A	2" Tri-clamp End Cap

## Wine Lab - Instrument Support Gases

Product	Part Number	Container Size	Pressure psig @ 70°F	Container Type	Content <sup>(1)</sup>	Valve Outlet CGA No.
<b>Air, Zero</b>	<b>CA ZERO1L</b>	300	2400	Cylinder	314 cf	590
<b>Argon UHP</b>	<b>AR UHP1L</b>	300	2400	Cylinder	331 cf	580
	<b>AR UHP1A</b>	200	2265	Cylinder	280 cf	580
<b>Helium UHP</b>	<b>HE UHP1L</b>	300	2400	Cylinder	288 cf	580
	<b>HE UHP1A</b>	200	2265	Cylinder	244 cf	580
<b>Hydrogen UHP</b>	<b>HY UHP1L</b>	300	2400	Cylinder	284 cf	350
	<b>HY UHP1A</b>	200	2265	Cylinder	219 cf	350
<b>Nitrogen UHP</b>	<b>NI UHP1L</b>	300	2400	Cylinder	300 cf	580
	<b>NI UHP1A</b>	200	2265	Cylinder	255 cf	580

(1) Contents shown are approximate. Actual contents are based on temperature and pressure at time of fill. Except for Propane, which is filled by weight.



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## Gas & Liquid Solution Specifications

### Winery and Vineyard Facility Maintenance

Product	Part Number	Container Size	Pressure psig @ 70°F	Container Type	Content <sup>(1)</sup>	Valve Outlet CGA No.
Acetylene	AC LG310VL	LG310	250	Cylinder	300-340 cf	510
	AC SMVL	SM	250	Cylinder	110-140 cf	510
Argon	AR 300	300	2400	Cylinder	300 cf	580
	AR 250	250	2265	Cylinder	250 cf	580
Carbon Dioxide	CD 50	50	830	Cylinder	50 lb	320
Oxygen	OX 250	250	2265	Cylinder	250 cf	540
	OX 125	125	2265	Cylinder	125 cf	540
Propane*	FG PR100	100	240	Cylinder	95 lb	510
	FG PR60	60	240	Cylinder	57 lb	510
	FG PR33FL	33	240	Cylinder	31 lb	510
	FG PR20	20	240	Cylinder	15 lb	510
MATHESON Select® C-25	MX AWSC25300	300	2400	Cylinder	300 cf	580
MATHESON Select® HC-925	MX AWSHC925300	300	2400	Cylinder	300 cf	580
MATHESON Select® He-25	MX AWSHE25300	300	2400	Cylinder	300 cf	580

\*Other sizes available

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