



TITAN[®]



Cyl-Tec's cryogenic liquid cylinders are ideal for both liquid or gas use, and are available up to 500 psi.

TITAN[®] LIQUID CYLINDERS

Used for Oxygen, Nitrogen, Argon, Carbon Dioxide, and Nitrous Oxide service. Models are available in foot ring, and round or square caster bases.

HIGH PERFORMANCE

- Superior product holding time
- Up to 500 psi available (VHP)
- Highest gas withdrawal rates
- 5-year warranty on vacuum

DURABILITY

- The most dent-resistant outer shell
- All stainless steel construction
- 4-handling ring supports and heavy-duty foot ring
- Available in round or square caster bases

EASE OF USE

- Easy-to-read magnetic contents gauge
- One combination pressure building regulator

UPGRADEABLE

- Upgradeable to the Level Eye[®] liquid level gauge
- Upgradeable to Easy-Adjust[®] combination regulator

VERSATILITY

- O₂, N₂, Ar, CO₂ and N₂O service
- Ideal for gas use or liquid use
- DOT compliant

Call us now! (905) 564-8887

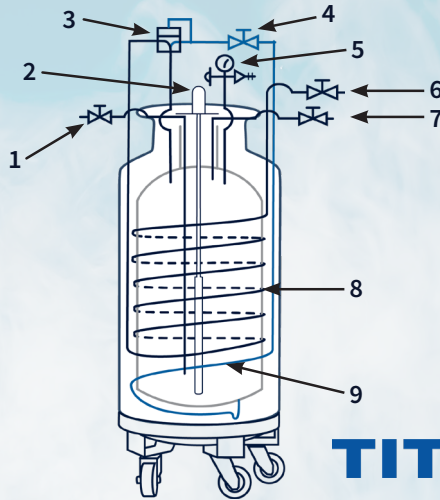


Easy-Adjust[®] Combo Pressure Builder Regulator

TITAN® LIQUID CYLINDERS

OPERATING DIAGRAM

1. Fill / Liquid Use Valve
2. Liquid Level Gauge
3. Combination Pressure Building Regulator
4. Pressure Building Valve
5. Pressure Relief Circuit
6. Gas Use Valve
7. Vent Valve
8. Vaporizer
9. Pressure Building Coil



LEGEND	
	Pressure Gauge
	Pressure Regulator
	Rapid Disc
	Relief Valve
	Safety Valve

TITAN®

		Foot Ring			Caster – Round Base (RB) or Square Base (SB)				
MODEL		180	200	200	240 RB	240 SB	265 RB	265 SB	450
PRESSURE		HP	HP	VHP	HP	HP	HP	HP	VHP
CAPACITY									
Liquid (Gross)	liters	196	205	197	248	248	281	281	450
Liquid (Net)	liters	185	202	196	241	241	266	266	420
Nitrogen (N ₂)	ft ³	3,879	4,058	3,658	4,900	4,900	5,563	5,563	8,351
Oxygen (O ₂)	ft ³	4,855	5,072	4,770	6,135	6,135	6,955	6,955	10,905
Argon (Ar)	ft ³	4,719	4,942	4,661	5,977	5,977	6,770	6,770	10,648
Carbon Dioxide (CO ₂)	ft ³	3,776	3,951	3,723	4,781	4,781	5,419	5,419	8,496
Nitrous Oxide (N ₂ O)	ft ³	3,580	3,737	3,145	4,521	4,521	5,131	5,131	7,169
Empty Weight	lb.	305	314	366	408	450	431	471	1,247
Nitrogen (N ₂)	lb.	281	294	265	355	355	403	402	605
Oxygen (O ₂)	lb.	402	420	395	508	508	576	576	903
Argon (Ar)	lb.	488	511	482	618	618	700	700	1,101
Carbon Dioxide (CO ₂)	lb.	432	452	426	547	547	620	619	972
Nitrous Oxide (N ₂ O)	lb.	410	429	360	519	519	589	589	823
PERFORMANCE									
NER (N ₂)	% per day	1.9	1.8	1.9	1.6	1.6	1.5	1.5	1.4
NER (O ₂ , Ar)	% per day	1.2	1.2	1.3	1.0	1.0	1.0	1.0	1.0
NER (CO ₂ , N ₂ O)	% per day	0.5	0.4	0.5	0.5	0.5	0.4	0.4	0.3
Gas Flow (N ₂ , O ₂ , Ar)	ft ³ /hr	400	450	425	450	450	450	450	577
Gas Flow (CO ₂ , N ₂ O)	ft ³ /hr	120	130	125	130	130	130	130	203
DIMENSIONS									
Height	in.	64.5	66.4	64.6	57	57	61	61	78
Diameter	in.	20	20	20	26	28 x 28	26	28 x 28	36 x 36
PRESSURE RATINGS									
Relief Valve Settings	psig	350	350	500	350	350	350	350	500
US DOT Rating		4L292	4L292	4L412	4L292	4L292	4L292	4L292	4L412
Transport Canada Rating		TC4LM	TC4LM	TC4LM	TC4LM	TC4LM	TC4LM	TC4LM	TC4LM