



Mega-Cyl (Palletized Cylinders 450, 600, 800, 1000 Liter Models)

		450 MP	450 HP	600	800	1000
Capacity						
Liquid (Gross)	liters	450	450	660	880	1056
Liquid (Net)	liters	428	428	600	800	950
Gas (N)	SCF	9,589	8,875	14,755	19,672	23,363
	Nm3	252	233.2	387.8	517	614
Gas (O2)	SCF	11,474	11,111	18,240	24,320	28,843
	Nm3	301.5	292	479.3	639.1	758
Gas (Ar)	SCF	11,003	10,812	17,823	23,767	28,234
	Nm3	289.2	284.1	468.4	624.6	742
Gas (CO2)	SCF		8,652	12,191	16,255	18,580
	Nm3	x	227.4	320.4	427.2	488.3

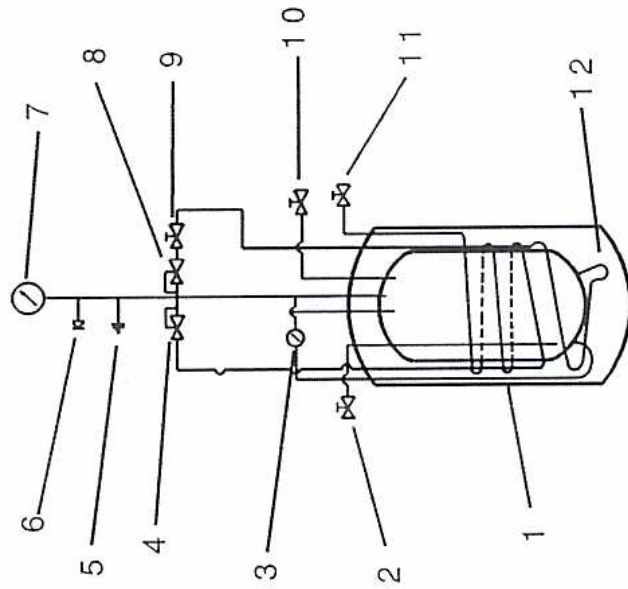
Performance						
NER (O2)%	per day	1.4	1.4	1.2	1.2	0.9
Gas Flow (N, O2, Ar)	SCFH	575	575	750	880	960
	Nm3h	15.1	15.1	19.7	23.1	25.2
Gas (CO2 or N2O)	SCFH		195	250	280	300
	Nm3h	x	5.1	6.6	7.4	7.9

Dimensions & Pressure Ratings						
Diameter (cylinder)	in	30	30	42	42	42
	cm	76.2	76.2	106.7	106.7	106.7
Height (cylinder)	in	62	62	63	67	76
	cm	158	158	159	171	191
Base Width (frame)**	in	34	34	45	45	45
	cm	86.4	86.4	114	114	114
Base Depth (frame)**	in	34	34	45	45	45
	cm	86.4	86.4	114	114	114
Height (frame)	in	74	74	72	80	80
	cm	188	188	183	203	203
Tare Weight (cyl+frame)***	lb	1250	1275	1700	2500	2650
	kg	568	580	773	1136	1205
Relief Valve Setting	psig	250	350	350	350	350
	bar	17	24	24	24	24
DOT/CTC Rating		4L212	4L292	ASME Sec8/Div1	ASME Sec8/Div1	ASME Sec8/Div1

*Atmospheric gas based on net volume at 0 psig, CO2 values and 450 liter units based on DOT4L fill density.

**Customized pallets are available upon request.

***Weights are approximate and vary with pallet design.



Nomenclature

1. Vaporizer
2. Liquid Valve
3. Differential Pressure Regulator
4. Economizer Regulator
5. Relief Valve
6. Rupture Disc
7. Pressure Gauge
8. Pressure Building Regulator
9. Pressure Building Valve
10. Vent Valve
11. Gas Use Valve
12. Pressure Building Coil