

Number of People in Refuge Station	With Single Bed unit Operating			
	Carbon Dioxide		Oxygen	
	Max. Carbon Dioxide PPM (Note #1)	Capacity of unit in Hours (Note #2)	Percentage	Capacity of unit in Hours (Note #3)
5	883	93	20.9 %	89
10	1766	47	20.9 %	45
15	2649	31	20.9 %	30
20	3531	23	20.9 %	22
25	4414	19	20.9 %	18
30	5297	16	20.9 %	15

Number of People in Refuge Station	With Double Bed Unit Operating			
	Carbon Dioxide		Oxygen	
	Max. Carbon Dioxide PPM (Note #1)	Capacity of unit in Hours (Note #2)	Percentage	Capacity of unit in Hours (Note #3)
5	441	187	20.9 %	133
10	883	93	20.9 %	67
15	1324	62	20.9 %	45
20	1766	47	20.9 %	33
25	2207	37	20.9 %	28
30	2649	31	20.9 %	22

Notes:

Performance and Capacities Above Are Based on the Following:

	Single Bed unit Operating	Double Bed unit Operating
Air Flow Rates	80 SCFM	160 SCFM
Kilograms of Soda Lime (# of Kegs)	80 Kg / 4 Kegs	160 Kg / 8 Kegs
Cylinders of Oxygen (6.77 cubic meters per cylinder)	2 Cylinders	3 Cylinders

Other Notes:

Physical Data	Single Bed Unit	Double Bed Unit
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Height	57.25"	65.50"
Depth	25.50" (15" with cover off)	55.00"
Width	29.50"	31.00"
Weight (without chemical or oxygen)	400 lbs	1155 lbs

Electrical Capacity	Single Bed Unit	Double Bed Unit
With Mine Power	Unlimited	Unlimited
Without Mine Power (battery capacity)	36 hours	36 hours