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## DESICCANT REQUIREMENT CHART

### \* UNIT BAGS

Silica Gel Beaded (Tyvek)

Clay (Tyvek)

VOLUME			AREA		UNITS REQUIRED
CUBIC INCHES	CUBIC FEET	GALLONS	SQUARE INCHES	SQUARE FEET	
237	0.14	1.10	15	0.10	1/6
476	0.28	2.10	30	0.20	1/3
715	0.42	3.20	45	0.30	1/2
1,429	0.83	6.20	90	0.60	1
2,857	1.67	12.50	180	1.30	2
4,286	2.50	18.70	270	1.90	3
5,714	3.33	25.00	360	2.50	4
7,143	4.17	31.20	450	3.10	5
8,571	5.00	37.40	540	3.80	6
10,000	5.83	43.60	630	4.40	7
11,429	6.67	50.00	720	5.00	8
12,857	7.50	56.10	810	5.60	9
14,286	8.33	62.30	900	6.30	10
17,143	10.00	74.80	1,080	7.50	12
20,000	11.67	87.30	1,260	8.80	14
22,857	13.33	99.70	1,440	10.00	16
28,571	16.67	125.00	1,800	12.50	20
42,857	25.00	187.00	2,700	18.80	30
57,143	33.33	249.00	3,600	25.00	40
71,429	41.67		4,500	31.30	50
85,714	50.00		5,400	37.50	60
100,000	58.30		6,300	43.80	70
114,286	66.67		7,200	50.00	80

### PILLOW PAKS

CONTAINER SIZE	REQUIRED AMOUNT (GRAMS)		
	CUBIC CM	SILICA GEL	ACTIVATED CARBON
30	1/8	1/4	1/4
40	1/4	1/4	1/4
50	1/2	1/4	1/4
60	1/2	1/2	1/2
75	3/4	1/2	1/2
100	1	1	1
150	1	1	1
200	2	2	2
300	2	2	2
400	3	2	3
500	3	2	3
750	5	2	5
950	5	5	5

\* A unit of desiccant refers to its drying capacity, not its volume. A unit (approx. one ounce) is the amount of Montmorillonite Clay which will adsorb at least three grams of water vapor at 20% relative humidity and at least six grams of water vapor at 40% relative humidity at 77°F. (25°C)