

MOUSE	<u>cages and rack details</u>					<u>air changes per hour (ACH)</u>											
columns	rows	cages per rack	cage volume Lt	total volume of cages Lt		50	60	70	80	90	100	110	120	130	140	150	
6	8	96	6.0	576	flow in Lt/sec	8	10	11	13	14	16	18	19	21	22	24	
					M3/hour	29	35	40	46	52	58	63	69	75	81	86	
					cfm	17	21	24	27	31	34	38	41	45	48	51	
6	9	108	6.0	648	flow in Lt/sec	9	11	13	14	16	18	20	22	23	25	27	
					M3/hour	32	39	45	52	58	65	71	78	84	91	97	
					cfm	19	23	27	31	35	39	42	46	50	54	58	
7	9	126	6.0	756	flow in Lt/sec	11	13	15	17	19	21	23	25	27	29	32	
					M3/hour	38	45	53	60	68	76	83	91	98	106	113	
					cfm	23	27	32	36	41	45	50	54	59	63	68	
8	9	144	6.0	864	flow in Lt/sec	12	14	17	19	22	24	26	29	31	34	36	
					M3/hour	43	52	60	69	78	86	95	104	112	121	130	
					cfm	26	31	36	41	46	51	57	62	67	72	77	
9	9	162	6.0	972	flow in Lt/sec	14	16	19	22	24	27	30	32	35	38	41	
					M3/hour	49	58	68	78	87	97	107	117	126	136	146	
					cfm	29	35	41	46	52	58	64	69	75	81	87	
10	9	180	6.0	1,080	flow in Lt/sec	15	18	21	24	27	30	33	36	39	42	45	
					M3/hour	54	65	76	86	97	108	119	130	140	151	162	
					cfm	32	39	45	51	58	64	71	77	84	90	96	
CAGE AIRFLOW VOLUME AND VELOCITY																	
					VOLUME Lt PER SECOND							0.183	0.200	0.217			
					INLET VELOCITY Mt PER SECOND							0.193	0.210	0.228			