

pig 4 control group				pig 1 control group				pig 2 control group				pig 3 control group			
temps	temper:	volume	deltaT	temps	temper:	volume	deltaT	temps	temper:	volume	deltaT	temps	temper:	volume	deltaT
0	35.9	0	0	0	37.1	0	0	0	36.2	0	0	0	36.6	0	0
15	35.6	0	-0.3	15	36.9	0	-0.2	15	35.8	0	-0.4	15	36.3	0	-0.3
30	35.6	0	-0.3	30	36.7	0	-0.4	30	35.6	0	-0.6	30	35.9	0	-0.7
45	35.4	0	-0.5	45	36.5	0	-0.6	45	35.4	0	-0.8	45	35.7	0	-0.9
60	35.2	0	-0.7	60	36.3	0	-0.8	60	35.4	0	-0.8	60	35.5	0	-1.1
75	35	0	-0.9	75	36.1	0	-1	75	35.3	0	-0.9	75	35.3	0	-1.3
90	34.8	0	-1.1	90	36.1	0	-1	90	35.2	0	-1	90	35.3	0	-1.3
105	34.6	0	-1.3	105	36.1	0	-1	105	35.1	0	-1.1	105	35.1	0	-1.5
120	34.5	0	-1.4	120	36.1	0	-1	120	35	0	-1.2	120	35	0	-1.6
135	34.3	0	-1.6	135	36	0	-1.1	135	34.9	0	-1.3	135	34.9	0	-1.7
150	34.1	0	-1.8	150	36	0	-1.1	150	34.9	0	-1.3	150	34.7	0	-1.9
165	33.9	0	-2	165	36	0	-1.1	165	34.8	0	-1.4	165	34.6	0	-2
180	33.8	0	-2.1	180	35.8	0	-1.3	180	34.7	0	-1.5	180	34.5	0	-2.1
195	33.6	0	-2.3	195	35.8	0	-1.3	195	34.7	0	-1.5	195	34.3	0	-2.3
210	33.4	0	-2.5	210	35.8	0	-1.3	210	34.6	0	-1.6	210	34.2	0	-2.4
225	33.2	0	-2.7	225	35.9	0	-1.2	225	34.6	0	-1.6	225	34.1	0	-2.5
240	33	0	-2.9	240	35.9	0	-1.2	240	34.6	0	-1.6	240	33.9	0	-2.7

pig 2 warmed insufflation group				pig 3 warmed insufflation group				pig 4 warmed insufflation group				pig 1 warmed insufflation group			
temps	temper:	volume	deltaT	temps	temper:	volume	deltaT	temps	temper:	volume	deltaT	temps	temper:	volume	deltaT
0	35.8	0	0	0	39.4	0	0	0	37	0	0	0	36	0	0
15	35.6	30.6	-0.2	15	39	30	-0.4	15	36.8	68.7	-0.2	15	35.9	30	-0.1
30	35.4	60.2	-0.4	30	38.8	360	-0.6	30	36.5	93.5	-0.5	30	35.9	60	-0.1
45	35.3	91.1	-0.5	45	38.7	90	-0.7	45	36.4	101	-0.6	45	35.8	90	-0.2
60	35.1	120	-0.7	60	38.6	120	-0.8	60	36.2	119	-0.8	60	35.8	120	-0.2
75	35	150	-0.8	75	38.5	1250	-0.9	75	36.1	153	-0.9	75	35.7	150	-0.3
90	34.7	180	-1.1	90	38.4	180	-1	90	36	180	-1	90	35.6	180	-0.4

105	34.5	210	-1.3	105	38.4	210	-1	105	35.9	210	-1.1	105	35.5	210	-0.5
120	34.2	240	-1.6	120	38.4	240	-1	120	35.8	240	-1.2	120	35.5	240	-0.5
135	34	270	-1.8	135	38.3	270	-1.1	135	35.7	270	-1.3	135	35.4	270	-0.6
150	33.8	300	-2	150	38.3	300	-1.1	150	35.6	300	-1.4	150	35.2	300	-0.8
165	33.7	330	-2.1	165	38.2	330	-1.2	165	35.5	330	-1.5	165	35.2	330	-0.8
180	33.5	360	-2.3	180	38.2	360	-1.2	180	35.5	360	-1.5	180	35.1	360	-0.9
195	33.3	390	-2.5	195	38.2	390	-1.2	195	35.4	390	-1.6	195	35	390	-1
210	33.2	420	-2.6	210	38.2	420	-1.2	210	35.3	420	-1.7	210	35	420	-1
225	33	450	-2.8	225	38.2	450	-1.2	225	35.3	450	-1.7	225	34.9	450	-1.1
240	32.8	480	-3	240	38.3	480	-1.1	240	35.2	480	-1.8	240	34.8	480	-1.2

pig 1 forced air group				pig 2 forced air group				pig 3 forced air group				pig 4 forced air group			
temps	temper:	volume	deltaT	temps	temper:	volume	deltaT	temps	temper:	volume	deltaT	temps	temper:	volume	deltaT
0	36.8	0	0	0	37.9	0	0	0	37	0	0	0	35.9	0	0
15	36.7	30	-0.1	15	37.9	30	0	15	36.7	-0.3	15	35.5	30	-0.4	
30	36.4	60.1	-0.4	30	37.9	60.1	0	30	36.5	-0.5	30	35.4	60	-0.5	
45	36.2	90.2	-0.6	45	37.9	90.1	0	45	36.5	-0.5	45	35.2	90	-0.7	
60	36	120	-0.8	60	37.8	120	-0.1	60	36.6	-0.4	60	35.1	120	-0.8	
75	35.8	150	-1	75	37.8	150	-0.1	75	36.7	-0.3	75	34.9	150	-1	
90	35.6	181	-1.2	90	37.9	180	0	90	36.7	-0.3	90	34.8	180	-1.1	
105	35.5	210	-1.3	105	37.9	210	0	105	36.7	-0.3	105	34.7	210	-1.2	
120	35.4	241	-1.4	120	37.9	240	0	120	36.7	-0.3	120	34.4	240	-1.5	
135	35.3	270	-1.5	135	38	270	0.1	135	36.8	-0.2	135	34.4	270	-1.5	
150	35.1	3300	-1.7	150	38	300	0.1	150	36.8	-0.2	150	34.2	300	-1.7	
165	34.8	330	-2	165	38.1	330	0.2	165	36.8	-0.2	165	34.1	330	-1.8	
180	34.6	360	-2.2	180	38.2	360	0.3	180	36.8	-0.2	180	33.9	360	-2	
195	34.4	390	-2.4	195	38.2	390	0.3	195	36.9	-0.1	195	33.8	390	-2.1	
210	34.2	420	-2.6	210	38.3	421	0.4	210	36.9	-0.1	210	33.6	420	-2.3	
225	34	450	-2.8	225	38.3	450	0.4	225	36.9	-0.1	225	33.5	450	-2.4	
240	33.5	480	-3.3	240	38.4	480	0.5	240	37	0	240	33.4	480	-2.5	

pig 3				pig 4				pig 1				pig 2			
combination group				combination group				combination group				combination group			
temps	temper:	volume	deltaT	temps	temper:	volume	deltaT	temps	temper:	volume	deltaT	temps	temper:	volume	deltaT
0	37	0	0	0	38.4	0	0	0	37.9	0	0	0	36.1	0	0
15	37.1	30	0.1	15	38.5	30	0.1	15	37.3	15	-0.6	15	36.1	30	0
30	37.1	60	0.1	30	38.5	60	0.1	30	37.4	60.2	-0.5	30	36.1	60.1	0
45	37.1	90	0.1	45	38.5	90	0.1	45	37.4	90.2	-0.5	45	36.1	90.2	0
60	37.1	120	0.1	60	38.5	120	0.1	60	37.2	120	-0.7	60	36.2	120	0.1
75	37	150	0	75	38.5	150	0.1	75	37.2	150	-0.7	75	36.2	150	0.1
90	37	180	0	90	38.6	180	0.2	90	37.1	180	-0.8	90	36.3	180	0.2
105	37	210	0	105	38.6	210	0.2	105	37.1	210	-0.8	105	36.3	210	0.2
120	37	240	0	120	38.7	240	0.3	120	37.1	240	-0.8	120	36.4	242	0.3
135	37	270	0	135	38.7	270	0.3	135	37.2	270	-0.7	135	36.4	271	0.3
150	36.9	300	-0.1	150	38.8	300	0.4	150	37.4	300	-0.5	150	36.5	301	0.4
165	36.8	330	-0.2	165	38.8	330	0.4	165	37.5	330	-0.4	165	36.5	331	0.4
180	36.8	360	-0.2	180	38.9	360	0.5	180	37.6	36	-0.3	180	36.6	360	0.5
195	36.8	390	-0.2	195	39	390	0.6	195	37.7	390	-0.2	195	36.6	390	0.5
210	36.8	420	-0.2	210	39.1	420	0.7	210	37.9	420	0	210	36.6	420	0.5
225	36.7	450	-0.3	225	39.2	450	0.8	225	38	450	0.1	225	36.7	449	0.6
240	36.7	480	-0.3	240	39.2	480	0.8	240	38.1	480	0.2	240	36.7	480	0.6