

ANSWERS FOR PART I - TABLES

Convactor Length in Inches	Hot Water Temperature in °F	Standard Radiant Convactor Heating Output in BTU per HR			
		A	B	C	D
40	185	3530.0 ○	12100.3 ○	5670.0 ○	4480.2 ●
44	190	5620.0 ○	4910.0 ●	8270.6 ○	3530.0 ○
36	205	8913.3 ○	4480.2 ○	5960.8 ●	4880.5 ○
76	200	6720.0 ○	9640.8 ●	3635.6 ○	3080.0 ○
68	195	8030.5 ●	3840.0 ○	3090.5 ○	7930.2 ○
76	205	6745.0 ○	4369.0 ○	7720.0 ○	11026.7 ●
48	200	2780.6 ○	5670.0 ○	7760.0 ●	4013.3 ○
48	205	3523.3 ○	4369.0 ○	7973.3 ●	13800.0 ○
32	200	1897.8 ○	5457.8 ○	6330.0 ○	4930.0 ●
68	215	7010.6 ○	10200.0 ●	2780.6 ○	7406.7 ○
24	195	3090.5 ●	7406.7 ○	2846.7 ○	7980.0 ○
48	190	4560.2 ○	8120.3 ○	4880.5 ●	2040.3 ○
16	215	8580.0 ○	3700.3 ○	4200.0 ●	8120.3 ○
56	210	8440.3 ○	6220.0 ○	7930.2 ○	5457.8 ●
28	180	3480.3 ●	3530.0 ○	4910.0 ○	2040.3 ○
72	190	9300.8 ○	3840.0 ○	4860.6 ○	8180.3 ●
44	200	1897.8 ○	8580.0 ○	4910.0 ○	7260.6 ●
64	185	6745.0 ●	10500.6 ○	2810.6 ○	2810.6 ○
20	210	4340.0 ○	4013.3 ●	3840.0 ○	6960.3 ○
28	205	6430.0 ○	11520.0 ○	4860.6 ●	10200.0 ○
60	195	3840.0 ○	6090.0 ○	6977.5 ●	3530.0 ○
56	180	8570.0 ○	5315.6 ○	5150.0 ●	6700.8 ○
72	210	5453.3 ○	6440.5 ○	6745.0 ○	10500.6 ●
16	190	6430.0 ○	2040.3 ●	2780.6 ○	6830.0 ○

ANSWERS FOR PART II GRAPHS

SF/HR Coverage per Paint Finish	Coverage (yield) in SF/Gallon	Single Coat	Sealer Coat	1st Coat	2nd Coat
200	400	○	●	○	○
250	600	○	○	●	○
135	325	○	○	○	●
200	500	○	●	○	○
40	250	●	○	○	○
190	450	○	○	●	○
100	325	○	○	●	○

Coverage (yield) in SF/Gallon	Type of Paint Finish	SF/HR Coverage per Paint Finish					
		210 ○	130 ○	125 ○	200 ○	190 ●	
400	1st Coat	210 ○	130 ○	125 ○	200 ○	190 ●	
600	Sealer Coat	165 ○	225 ●	190 ○	145 ○	185 ○	
325	1st Coat	200 ○	185 ○	130 ○	100 ●	260 ○	
500	2nd Coat	185 ○	225 ○	210 ●	170 ○	190 ○	
250	Sealer Coat	130 ○	90 ●	190 ○	200 ○	165 ○	
275	Single Coat	45 ●	130 ○	250 ○	200 ○	190 ○	
325	2nd Coat	100 ○	260 ○	210 ○	190 ○	135 ●	