



Chicago Pneumatic

CPBg 35-50

Technical Data				
Nominal Motor Power	Nameplate HP	35	40	50
FAD	cfm @ 100 psig	171.5	197	212.8
FAD	cfm @ 125 psig	157.6	176.1	203.1
FAD	cfm @ 150 psig	140.6	160.2	176.4
FAD	cfm @ 175 psig		148	152.1
Max. Ambient Operating Temp.	°F	115		
Min. Ambient Operating Temp.	°F	34		
Service Line Connection Size	NPT	1"	1.25"	
Electrical Data				
Amp Draw at 230/3/60	A	107	116	143
Amp Draw at 460/3/60	A	55	59	75.1
Amp Draw at 575/3/60	A	43.8	47.7	58.8
Dryer Data				
Electrical Data	V	230/60		
Dryer Power	W	1125		
Compressor Fluid Data				
Total Fluid Capacity	gal	3.2	4.9	4.9
Typical Fluid Carryover	ppm	< 2		
Sound Data (at 1 meter)				
Standard Enclosure	dBA	67	68	69
Energy Consumption- 100 PSI				
Total Absorbed Power @ Full Load	kW	34.2	37.3	40.9
Total Absorbed Power @ No Load	kW	12.3	10.6	11.2
Total Package Specific Power	kW/100	20	19	19.2
Energy Consumption- 125 PSI				
Total Absorbed Power @ Full Load	kW	34	36.5	45.1
Total Absorbed Power @ No Load	kW	11.5	9.9	9.1
Total Package Specific Power	kW/100	21.6	20.8	22.2
Energy Consumption- 150 PSI				
Total Absorbed Power @ Full Load	kW	34.7	36.8	41.3
Total Absorbed Power @ No Load	kW	10.4	8.9	8.1
Total Package Specific Power	kW/100	24.7	23	23.4
Energy Consumption- 175 PSI				
Total Absorbed Power @ Full Load	kW		36.5	39
Total Absorbed Power @ No Load	kW	10.1	8.1	7.2
Total Package Specific Power	kW/100		24.7	25.7
Dimensions				
Length	in	52		
Width	in	32.7		
Height	in	61.2		
Weight - No Dryer	lbs	1058	1279	1418
Weight - With Dryer	lbs	1224	1545	1684