



Chicago Pneumatic

CPV 60-120VS PM

Technical Data	CPV VS PM	60	75		101	120
Nominal Motor Power	Nameplate HP	60	75		100	120
Maximum Inlet Capacity	cfm @ 102 psig	321	387		551	629
Maximum Turndown	cfm @ 102 psig	60	62		100	
Maximum Inlet Capacity	cfm @ 138 psig	284	340		493	558
Maximum Turndown	cfm @ 138 psig	58	60		137	108
Maximum Inlet Capacity	cfm @ 181 psig	237	288		405	452
Maximum Turndown	cfm @ 181 psig	84	92		144	145
Max. Ambient Operating Temp.	°F	115				
Min. Ambient Operating Temp.	°F	32				
Service Line Connection Size	NPT	2.5"				
Electrical Data						
Amp Draw at 460/3/60 - No Dryer	A	136	160		192	243
Amp Draw at 460/3/60 - With Dryer	A	140	163		196	249
Compressor Fluid Data						
Total Fluid Capacity	gal	5.8	6.6		9	10.6
Typical Fluid Carryover	ppm	< 3				
Sound Data (at 1 meter)						
Standard Enclosure	dBA	70			71	72
Energy Consumption - 102 psi						
Total Absorbed Power @ Full Load	kW	49.5	67.6		96.8	112.9
Total Package Specific Power	kW/100	15.4	17.5		17.6	17.9
Heat Rejection	btu/hr	135,121	184,529		264,236	308,185
Energy Consumption - 138 psi						
Total Absorbed Power @ Full Load	kW	57.2	67		100.3	115.7
Total Package Specific Power	kW/100	20.1	19.7		20.3	20.7
Heat Rejection	btu/hr	156,140	182,891		273,790	315,828
Energy Consumption - 181 psi						
Total Absorbed Power @ Full Load	kW	56.4	62.4		99.2	112.6
Total Package Specific Power	kW/100	23.8	21.7		24.5	24.9
Heat Rejection	btu/hr	153,956	170,334		270,788	307,366
Dimensions						
Length - No Dryer	in	73.6				
Length - With Dryer	in	106.8				
Width	in	48				
Height	in	71				
Weight - No Dryer	lbs	2,108	2,130		2,467	2,496
Weight - With Dryer	lbs	2,787	2,809		3,175	3,214