



# Chicago Pneumatic

## CPVSm 40-60

Technical Data				
Nominal Motor Power	Nameplate HP	40	50	60
Maximum Inlet Capacity	cfm @ 100 psig	187.3	235.8	263.2
Maximum Turndown	cfm @ 100 psig	50.2	64	64.6
Maximum Inlet Capacity	cfm @ 125 psig	177.1	211	246.8
Maximum Turndown	cfm @ 125 psig	53.6	68.7	69.9
Maximum Inlet Capacity	cfm @ 150 psig	159.8	199.2	237.7
Maximum Turndown	cfm @ 150 psig	72.5	68.9	79.7
Max. Ambient Operating Temp.	°F	104		
Min. Ambient Operating Temp.	°F	34		
Service Line Connection Size	NPT	1.25"		
Electrical Data				
Amp Draw at 460/3/60 - No Dryer	A	52.5	64.4	72.1
Amp Draw at 460/3/60 - With Dryer	A	57.3	69.3	76.9
Compressor Fluid Data				
Total Fluid Capacity	gal	5.8		
Typical Fluid Carryover	ppm	< 3		
Sound Data (at 1 meter)				
Standard Enclosure	dBA	71.5	73	74.5
Energy Consumption - 100 psi				
Total Absorbed Power @ Full Load	kW	34.7	45.4	51.7
Total Package Specific Power	kW/100	18.5	19.3	19.6
Energy Consumption - 125 psi				
Total Absorbed Power @ Full Load	kW	37.3	44.5	52.6
Total Package Specific Power	kW/100	21.1	21.1	21.3
Energy Consumption - 150 psi				
Total Absorbed Power @ Full Load	kW	34	42.5	52.5
Total Package Specific Power	kW/100	21.3	21.3	22.1
Dimensions - No Dryer				
Length	in	52		
Width	in	32.7		
Height	in	61.2		
Weight	lbs	1333.8	1380.1	1446.2
Dimensions - With Dryer				
Length	in	71.3		
Width	in	32.7		
Height	in	61.2		
Weight	lbs	1593.9	1640.2	1706.4