



Chicago Pneumatic

CPVSD 10-20

Technical Data				
Nominal Motor Power	Nameplate HP	10	15	20
Maximum Inlet Capacity	cfm @ 100 psig	43.3	64.4	78.3
Maximum Turndown	cfm @ 100 psig	9.6	9.3	9.1
Maximum Inlet Capacity	cfm @ 150 psig	37.4	51.9	65.6
Maximum Turndown	cfm @ 150 psig	12	12.7	15.2
Maximum Inlet Capacity	cfm @ 175 psig	29.3	42.6	49.2
Maximum Turndown	cfm @ 175 psig	14.3	17.2	18.7
Max. Ambient Operating Temp.	°F	115		
Min. Ambient Operating Temp.	°F	34		
Service Line Connection Size	NPT	1/2" or 3/4"		
Electrical Data				
Amp Draw at 230/3/60	A	32	46.2	63.4
Amp Draw at 460/3/60	A	16	23.1	31.7
Compressor Fluid Data				
Total Fluid Capacity	gal	0.92	1.2	1.4
Typical Fluid Carryover	ppm	< 3		
Sound Data (at 1 meter)				
Standard Enclosure	dBA	64	65	
Energy Consumption - 100 psi				
Total Absorbed Power @ Full Load	kW	12.8	18.9	23.4
Total Package Specific Power	kW/100	22.1	21.9	22.3
Energy Consumption - 150 psi				
Total Absorbed Power @ Full Load	kW	13.1	18	21.9
Total Package Specific Power	kW/100	26.2	25.9	24.9
Energy Consumption - 175 psi				
Total Absorbed Power @ Full Load	kW	12.4	16.1	18.6
Total Package Specific Power	kW/100	31.5	28.3	28.2
Dimensions - Base Mount				
Length	in	39.2		
Width	in	25.8		
Height	in	41.1		
Weight	lbs	518.1	553.4	560
Dimensions - Tank Mount				
Length	in	76.2		
Width	in	25.8		
Height	in	66.1		
Weight - No Dryer	lbs	884.1	919.3	925.9
Weight - With Dryer	lbs	985.5	1025.1	1064.8