

CPG

Technical Data				
Compressor Drive Motor	Nameplate hp	375		
Inlet Capacity	acfm	1750	1528	1528
Full Load Operating Pressure	psig	100	125	150
Max. Operating Pressure	psig	116	150	150
Min. Operating Pressure	psig	65		
Max. Ambient Operating Temp.	°F	115		
Min. Ambient Operating Temp.	°F	34		
Service Line Connection	Flange	DN 150 PN 16		
Motor Efficiency	%	94.5%		

Cooling Data				
Heat Rejection	btu/hr	1046082	1009153	1112529
Approach to Cooling Air	°F	18		
Required Water Flow *	gal/min	53 - 159		
Required PH of Water	PH	6.0 - 8.0		
Water Hardness	ppm CaCO ₃	<100		
Max. Cooling Water Temp.	°F	95		
Min. Cooling Water Temp.	°F	34		
Max. Cooling Water Pressure	psig	217		
Fan Motor	nameplate hp	2.3		
Fan Motor Efficiency	%	79%		
Fan Motor Speed	rpm	1700		

Compressor Fluid Data				
Reservoir Fluid Capacity	gal (l)	66 (250)		
Total Fluid Capacity	gal (l)	71 (270)		
Typical Fluid Carryover	ppm	3		

Electrical Data				
Power Supply	V / Hz	460V, 60 Hz, 3 Phase		
Full Load Current at 460V	A	430	415	415
Min. Cable Size	mm ²	120 x 2		
Starting Method		Wye - Delta		
Control Voltage	V	115		

Sound Data (at 1 meter)				
Standard Enclosure	dB(A)	78	77	77

Energy Consumption				
Unloaded Drive Motor	kW	55.6	53.6	58.8
FL Drive Motor Consumption	kW	278.0	268.0	294.0
Total Package Consumption	kW	292.0	282.0	314.0
Total Package Specific Power	kW/100 cfm	16.7	18.5	20.5

Dimensions				
Length	in (mm)	175 (4450)		
Width	in (mm)	84 (2140)		
Height	in (mm)	91 (2300)		
Approx. Weight	lbs (kg)	14471 (6564)		

* At min flow, discharge air is 75°F above ambient. At max flow, discharge air is 46° above ambient.

CPG

Technical Data					
Compressor Drive Motor	Nameplate hp	422			
Inlet Capacity	acfm	1954	1747	1747	1520
Full Load Operating Pressure	psig	100	125	150	175
Max. Operating Pressure	psig	116	150	150	189
Min. Operating Pressure	psig	65			
Max. Ambient Operating Temp.	°F	115			
Min. Ambient Operating Temp.	°F	34			
Service Line Connection	Flange	DN 150 PN 16			
Motor Efficiency	%	94.5%			

Cooling Data					
Heat Rejection	btu/hr	1167037	1150295	1262794	1208146
Approach to Cooling Air	°F	18			
Required Water Flow *	gal/min	57 - 172			
Required PH of Water	PH	6.0 - 8.0			
Water Hardness	ppm CaCO ₃	< 100			
Max. Cooling Water Temp.	°F	95			
Min. Cooling Water Temp.	°F	34			
Max. Cooling Water Pressure	psig	217			
Fan Motor	nameplate hp	2.3			
Fan Motor Efficiency	%	79%			
Fan Motor Speed	rpm	1700			

Compressor Fluid Data					
Reservoir Fluid Capacity	gal (l)	66 (250)			
Total Fluid Capacity	gal (l)	71 (270)			
Typical Fluid Carryover	ppm	3			

Electrical Data					
Power Supply	V / Hz	460V, 60 Hz, 3 Phase			
Full Load Current at 460V	A	480	473	473	497
Min. Cable Size	mm ²	120 x 2			
Starting Method		Wye- Delta			
Control Voltage	V	115			

Sound Data (at 1 meter)					
Standard Enclosure	dB(A)	80	78	78	77

Energy Consumption					
Unloaded Drive Motor	kW	62.6	61.6	61.6	64.8
FL Drive Motor Consumption	kW	313.0	308.0	308.0	324.0
Total Package Consumption	kW	326.0	321.0	337.0	338.0
Total Package Specific Power	kW/100 cfm	16.7	18.4	19.3	22.2

Dimensions					
Length	in (mm)	175 (4450)			
Width	in (mm)	84 (2140)			
Height	in (mm)	91 (2300)			
Approx. Weight	lbs (kg)	14671 (6654)			

* At min flow, discharge air is 75°F above ambient. At max flow, discharge air is 46° above ambient.

CPG

Technical Data			
Compressor Drive Motor	Nameplate hp	475	
Inlet Capacity	acfm	1947	1739
Full Load Operating Pressure	psig	125	150
Max. Operating Pressure	psig	145	150
Min. Operating Pressure	psig	65	
Max. Ambient Operating Temp.	°F	115	
Min. Ambient Operating Temp.	°F	34	
Service Line Connection	Flange	DN 150 PN 16	
Motor Efficiency	%	94.5%	

Cooling Data			
Heat Rejection	btu/hr	1293057	1384045
Approach to Cooling Air	°F	18	
Required Water Flow *	gal/min	62 - 185	
Required PH of Water	PH	6.0 - 8.0	
Water Hardness	ppm CaCO ₃	< 100	
Max. Cooling Water Temp.	°F	95	
Min. Cooling Water Temp.	°F	34	
Max. Cooling Water Pressure	psig	217	
Fan Motor	nameplate hp	2.3	
Fan Motor Efficiency	%	79%	
Fan Motor Speed	rpm	1700	

Compressor Fluid Data			
Reservoir Fluid Capacity	gal (l)	66 (250)	
Total Fluid Capacity	gal (l)	71 (270)	
Typical Fluid Carryover	ppm	3	

Electrical Data			
Power Supply	V / Hz	460V, 60 Hz, 3 Phase	
Full Load Current at 460V	A	532	569
Min. Cable Size	mm ²	120 x 2	
Starting Method		Wye- Delta	
Control Voltage	V	115	

Sound Data (at 1 meter)			
Standard Enclosure	dB(A)	80	78

Energy Consumption			
Unloaded Drive Motor	kW	69.2	74.0
FL Drive Motor Consumption	kW	346.0	370.0
Total Package Consumption	kW	361.0	387.0
Total Package Specific Power	kW/100 cfm	18.5	22.3

Dimensions			
Length	in (mm)	175 (4450)	
Width	in (mm)	84 (2140)	
Height	in (mm)	91 (2300)	
Approx. Weight	lbs (kg)	14871 (6745)	

* At min flow, discharge air is 75°F above ambient. At max flow, discharge air is 46° above ambient.