



QGS 5-7.5

Technical Data				
Compressor Drive Motor	Nameplate hp	5	7.5	
Inlet Capacity- Three Phase	acfm	16.8	25.2	
Inlet Capacity- Single Phase	acfm	16.7	25.2	
Full Load Operating Pressure	psig	138		
Max. Operating Pressure	psig	145		
Min. Operating Pressure	psig	65		
Service Line Connection Size	In. (NPT)	1/2		
Rotor Diameter	mm	40	40	
Male Rotor Speed	rpm	5909	7397	
Fan Flow	CFM	576	576	

Operating Temperatures				
Max. Ambient Operating Temp.	°F	104		
Min. Ambient Operating Temp.	°F	35		
Airend Discharge Temp.	°F	140		
Thermostatic Valve	°F	180		
Oil Thermostat	°F	260		

Dryer Data				
Electrical Data	Phase / Hz / V	1 / 60 / 115		
Heat Rejection	btu/min	50		
Electrical Protection (fuse)	A	2.7	2.7	

Compressor Fluid Data				
Total Fluid Capacity	gal	0.66	0.66	
Typical Fluid Carryover	ppm	3		

Sound Data (at 1 meter)				
Standard Enclosure	dB(A)	62	64	

Energy Consumption - Air Cooled				
Full Load Drive Motor HP	Bhp	5.75	7.77	
Unloaded Drive Motor HP	Bhp	1.75	2.0	
Total Package Consumption	kW	4.2	6.0	
Total Package Specific Power	kW/100 cfm	27.8	26.4	
Heat Rejection	BTU/ MIN	210	215	

Dimensions				
Length	in (mm)	56 (1420)		
Width	in (mm)	22 (550)		
Height	in (mm)	49.4 (1255)		
Weight (for dryer: + 93 lbs / 42 kg)	lbs (kg)	350 (195)	361 (164)	

Full Load Amps - Note: Dryer Models Have Separate 1Ph Power Supply (see data above)				
	5HP	7.5HP		
208V/3Ph/60Hz	19.0A	26.0A		
230V/3Ph/60Hz	17.0A	23.5A		
460V/3Ph/60Hz	8.5A	12.0A		
575V/3Ph/60Hz	7.0A	9.5A		
230V/1Ph/60Hz	30.0A	35.0A		