



Technical Data Sheet

QGS 40

Technical Data			
Operating Pressure	PSI	100	125
Capacity	acfm	189	177
Nameplate HP	HP	40	40
Max Working Pressure	PSI	107	132
Min Working Pressure	PSI	58	58
Max Ambient Temperature	°F	115	115
Min Ambient Temperature	°F	32	32
Service Line Connection	NPT	1.5"	1.5"
Sound Level	dBA	68	68

Aftercooling Data			
Operating Pressure	PSI	100	125
Heat Rejection - Oil Cooler	BTU/min	1535	1535
Heat Rejection - After Cooler	BTU/min	301	301
Approach Temperature	°F	9°F @ 100psi	
Fan Motor HP	HP	1.5	1.5
Nominal Motor Speed	RPM	3555	3555
Fan Flow	cfm	2119	2119

Compressor Fluid			
Operating Pressure	PSI	100	125
System Capacity	gal	6	6
Fluid Carryover	ppm	3.7	3.7
Discharge Temperature	°F	185	185

Energy Data			
Operating Pressure	PSI	100	125
Full Load Drive Motor HP	BHP	49	49
Unloaded Drive Motor HP	BHP	12	12
Full Load Package Power	kW	36.6	36.6
Max Fuse Size (Amps)	460v	70A	70A
	230v	160A	160A
Fan motor Efficiency	%	87.5	87.5
Fan Motor Speed	RPM	1730	1730
Drive Motor Service Factor		1.13	1.13
Drive Motor Speed	RPM	3555	3555
Specific Energy Requirement	kW/100 cfm	19.4	21.8

Weight and Dimensions			
Length	in.	66	
Width	in.	42	
Height	in.	64	
Weight	lbs.	1742	