



# Technical Data Sheet

## QGS 75

Technical Data			
<b>Operating Pressure</b>	<b>PSI</b>	<b>100</b>	<b>125</b>
Capacity	acfm	355	320
Nameplate HP	HP	75	75
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	2"	2"
Sound Level	dBA	72	72

Aftercooling Data			
<b>Operating Pressure</b>	<b>PSI</b>	<b>100</b>	<b>125</b>
Heat Rejection - Oil Cooler	BTU/min	4493	4493
Heat Rejection - After Cooler	BTU/min	955	955
Approach Temperature	°F	9°F @ 100psi	
Fan Motor HP	HP	3	3
Fan motor Efficiency	%	87.5	87.5
Nominal Motor Speed	RPM	3570	3570
Fan Flow	cfm	2119	2119

Compressor Fluid			
<b>Operating Pressure</b>	<b>PSI</b>	<b>100</b>	<b>125</b>
System Capacity	gal	7	7
Fluid Carryover	ppm	3.7	3.7
Discharge Temperature	°F	185	185

Energy Data			
<b>Operating Pressure</b>	<b>PSI</b>	<b>100</b>	<b>125</b>
Full Load Drive Motor HP	BHP	85	84
Unloaded Drive Motor HP	BHP	23	23
Full Load Package Power	kW	63.14	63.14
Max Fuse Size (Amps)	460V	125A	125A
Fan Motor Speed	RPM	1730	1730
Drive Motor Service Factor		1.15	1.15
Drive Motor Speed	RPM	3570	3570
Specific Energy Requirement	kW/100 cfm	18.8	19.9

Weight and Dimensions			
Length	in.	76	
Width	in.	42	
Height	in.	64	
Weight	lbs.	2491	