



	Model	QGS40c	QGS50c
	kW	30	37
	HP	40	50
Drive		Gear	Gear
Class/protection		IP55	IP55

Reference conditions

Ambient pressure	psi(a)	14.5	14.5
Relative humidity	%	0	0
Inlet temperature	°F	68	68
Minimum ambient temperature	°F	34	34
Maximum ambient temperature	°F	115	115
Nominal motor power	kW	30	37
	HP	40	50
Motor speed	rpm	3540	3540
Motor efficiency	%	92.4	93.0
Reference working pressure	psi	116.0	116.0
Pressure variant	psi	125.0	125.0
Minimum working pressure	psi	58.0	58.0
Maximum working pressure	psi	132.0	132.0
Oil Capacity	lit.	18.5	18.5

Performance Data Standard Unit

Free Air Delivery @ reference conditions

125 Psi	cfm	177.0	208.0
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Total Absorbed Power

125 Psi	kW	36.3	45.2
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SER @ reference conditions @ Pressure

125 Psi	kW/100cfm	20.5	21.6
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Power input at no load	kW	9.7	10.0
Power input cooling fan	kW	1.0	1.0
Male rotor speed	rpm	6474	7321

Drive motor efficiency	%	93.3	93.7
Fan motor efficiency	%	77	77

Noise level	db (A)	68	69
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Design Data

Dimensions (maximum)			
length	inches	53.1	53.1
width	inches	30.7	30.7
height	inches	61.2	61.2
Total weight (approximate)	lbs	1279	1418
Dim. of air outlet connection	(G)	1"1/4	1"1/4
Recommended fuse rating (460V)	Amps	80	80



Design Data Dryer Unit

Power input integrated dryer	KW	1.6	1.6
Dryer type		A10	A10
Gas type		R404A	R404A
Outlet temperature	a + °C	4	5
Total gas amount	kg	1.3	1.3
Dryer Voltage (Separate Electrical)	V/PH/Hz	230/1/60	230/1/60
Dimensions (maximum)			
length	inches	69.9	69.9
width	inches	30.7	30.7
height	inches	61.2	61.2
Total weight (approximate)	lbs	1792	1914