		Model	QGS-10				QGS-15				QGS-20S			
Nominal Power - Main Motor		kW	7.5				11				15			
Nominal Power - Main Motor		HP	10				15				20			
Rated Discharge Pressure		(psig)	100	125	150	175	100	125	150	175	100	125	150	175
Maximum Operating Pressure	(2)	(psig)	107	132	157	182	107	132	157	182	107	132	157	182
Reference Conditions			QGS-10				QGS-15				QGS-20S			
		bar abs	1				1				1			
Relative humidity		%	0				0				0			
Ambient temperature		°F	68				68				68			
Setting thermostatic valve		°F	160				160				160			
Nominal motor power		Hp	10				15				20			
Motor shaft speed		rpm	3540				3540				3540			
Minimum working pressure		psi	58				58				58			
Min/Max ambient temperature		°F	32 / 115				32 / 115				32 / 115			
Oil Capacity	(9)	Gallons	0.84				0.84				0.84			
Performance Data Standard Unit			QGS-10				QGS-15				QGS-20S			
		(psig)	**100**	**125**	**150**	**175**	**100**	**125**	**150**	**175**	**100**	**125**	**150**	**175**
Capacity FAD	(1)	cfm	40.5	38.8	31.2	28.3	58.2	54.9	49.2	43.9	64.9	60.8	54.9	47.3
Package Input Power with Fan - Air Cooled	(4)	kW	9.1	9.7	8.8	9.5	12.1	12.7	12.3	12.2	14.3	13.4	14.3	13.6
Specific Power - Air Cooled	(5)	kW/100cfm	22.5	24.9	28.4	33.7	20.9	23.1	25.0	27.8	22.0	22.0	26.1	28.7
Power input at no load		kW	3.6	3.5	3.0	2.9	5.0	4.9	4.4	3.9	6.3	5.9	5.4	5.0
Drive motor efficiency	(3)	%	90.3				91				91.2			
Fan motor efficiency		%	NA				NA				NA			
Residual oil content in air		ppm	2				2				2			
Noise level		dB(A)	65				69				71			
Basemount Design Data			QGS-10				QGS-15				QGS-20S			
Length		inches	33.7				33.7				33.7			
Width		inches	26.6				26.6				26.6			
Height		inches	38.6				38.6				38.6			
Net Weight - Air Cooled BM		lbs	374				407				440			
Air Discharge		Inches NPT	3/4"	(Female)			3/4"	(Female)			3/4"	(Female)		
Tankmount Design Data TM & TMD	**120**	**Gallons**	QGS-10				QGS-15				QGS-20S			
Length		inches	76.2				76.2				76.2			
Width		inches	25.2				25.2				25.2			
Height		inches	57.8				57.8				57.8			
Net Weight - Air Cooled TM		lbs	654				687				720			
Net Weight - Air Cooled TMD		lbs	727				760				793			
Tank Air Discharge		Inches NPT	1/2"	(Female)			1/2"	(Female)			1/2"	(Female)		
Air Discharge TMDF (Filter Version)		Inches NPT	1/2"	(Female)			1/2"	(Female)			1/2"	(Female)		
Tank Condensate Drain		Inches NPT	3/8"	(Female)			3/8"	(Female)			3/8"	(Female)		
Ventilation air delivery @ 68°F		m^3/h	1260				1800				2250			
Electrical Data			QGS-10				QGS-15				QGS-20S			
Full load current (Amps)	(7) (8)	208/3/60	34				45				54			
Full load current (Amps)	(7) (8)	230/3/60	32				40				49			
Full load current (Amps)	(7) (8)	460/3/60	16				20				24.5			
Full load current (Amps)	(7) (8)	575/3/60	13				17				20			
Dryer Data			QGS-10				QGS-15				QGS-20S			
Dryer Input Power @ Full Load		KW	0.474				0.581				0.581			
Dryer Max Current		Amp	5.2				5.9				5.9			
Dryer Input Voltage		V/PH/Hz	115/1/60				115/1/60				115/1/60			
Gas Type			R134A				R134A				R134A			
Total Gas Amount		kg	0.35				0.45				0.45			
Pressure dew point (int. dryer)@ 68°F 100% RH		°F	37.4				37.4				37.4			

Notes:

(1) FAD (Free Air Delivery) is full package performance including all losses. Tested per ISO 1217 : 2009 Annex C

(2) Maximum pressure at package discharge, value at which compressor will stop when unit operating at maximum target pressure

(3) IE3 efficiency motor

(4) Measured at rated capacity and rated pressure

(5) Specific power guaranteed in accordance with ISO 1217 : 2009 Annex C

(6) Measured according to ISO 2151: 2004 using ISO 9614/2 (sound intensity method).

(7) 90°C copper cables. Always apply local electrical codes for sizing cables and fusing.

(8) Time delay fuse recommended. Apply local electrical codes for fuse sizing

(9) Fluid volumes listed are approximate. See operator manual for coolant fill proceedure.