



Model		QGSV-20				QGSV-25				QGSV-30			
Nominal Power - Main Motor	kW	15				18.5				22			
Nominal Power - Main Motor	HP	20				25				30			
Rated Discharge Pressure	(psig)	100	125	150	175	100	125	150	175	100	125	150	175
Maximum Operating Pressure	(2) (psig)	107	132	157	183	107	132	157	183	107	132	157	183
Motor Insulating class/protection		F/IP55				F/IP55				F/IP55			
Reference Conditions		QGSV-20				QGSV-25				QGSV-30			
	bar abs	1				1				1			
Relative humidity	%	0				0				0			
Ambient temperature	°F	68				68				68			
Nominal motor power	Hp	20				25				30			
Minimum working pressure	psi	100				100				100			
Min/Max ambient temperature	°F	34 / 115				34 / 115				34 / 115			
Oil Capacity	(9) Gallons	2.7				2.7				2.7			
Performance Data Standard Unit		QGSV-20				QGSV-25				QGSV-30			
	(psig)	100	125	150	175	100	125	150	175	100	125	150	175
Capacity FAD	(1) cfm	100.3	85.9	78.4	71.5	119.8	110.1	97.2	83.1	139.0	124.0	112.4	103.7
Package Input Power with Fan - Air Cooled	(4) kW	20.9	19.4	19.8	20.1	25.6	25.6	24.3	22.5	30.2	28.9	28.4	28.2
Specific Power - Air Cooled	(5) kW/100cfm	20.8	22.6	25.2	28.1	21.4	23.3	25.0	27.1	21.7	23.3	25.2	27.2
Male Rotor Speed	rpm	5992	5184	4856	4539	7268	6607	5841	5038	8344	7395	6739	6266
Drive motor efficiency	(3) %	91				91.7				91.7			
Fan motor efficiency	%	NA				NA				NA			
Residual oil content in air	ppm	<3				<3				<3			
Noise level	dB(A)	68				70				71			
Basemount Design Data		QGSV-20				QGSV-25				QGSV-30			
Length	in	48				48				48			
Width	in	33				33				33			
Height	in	48				48				48			
Net Weight - Air Cooled BM	lbs	683				717				728			
Tankmount Design Data		120 Gallons	QGSV-20			QGSV-25			QGSV-30				
Length	in	77				77				77			
Width	in	33				33				33			
Height	in	74				74				74			
Net Weight - Air Cooled TM	lbs	1113				1169				1202			
Condensate Drain (Tank Only)		3/8		(FEMALE)	3/8		(FEMALE)	3/8		(FEMALE)	3/8		(FEMALE)
Air Discharge	Inches NPT	1"		(FEMALE)	1"		(FEMALE)	1"		(FEMALE)	1"		(FEMALE)
Cooling Air Volume	m ³ /h	3492				3492				3492			
Max Allowable Pressure in Duct	Pa	30				30				30			
Electrical Data		QGSV-20				QGSV-25				QGSV-30			
Full load current (Amps)	(7) (8) 460/3/60	28.8				35.9				41.3			
Performance Data Dryer Unit		QGSV-20				QGSV-25				QGSV-30			
	(psig)	100	125	150	175	100	125	150	175	100	125	150	175
Power input integrated dryer	W	1300				1640				1640			
Dryer Voltage (Separate Electrical)	V/Hz	115/60				115/60				115/60			
Gas Type		R410A				R410A				R410A			
Basemount Dryer Design Data		QGSV-20				QGSV-25				QGSV-30			
Length	in	53				53				53			
Width	in	33				33				33			
Height	in	48				48				48			
Net Weight - Air Cooled BMD	lbs	838				904				937			
Tankmount Dryer Design Data		120 Gallons	QGSV-20			QGSV-25			QGSV-30				
Length	in	77				77				77			
Width	in	33				33				33			
Height	in	74				74				74			
Net Weight - Air Cooled TMD	lbs	1179				1224				1246			
Condensate Drain (Tank Only)		3/8		(FEMALE)	3/8		(FEMALE)	3/8		(FEMALE)	3/8		(FEMALE)
Air Discharge	Inches NPT	1"		(MALE)	1"		(MALE)	1"		(MALE)	1"		(MALE)
Electrical Data Dryer		QGSV-20				QGSV-25				QGSV-30			
Full load current (Amps)	(7) (8) 115/1/60	18				18				18			

Notes:

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

(6) Measured according to ISO 2151: 2004 using ISO 9614/2 (sound power level)



- (2) Max pressure at pkg discharge, value at which compressor will stop when unit operating at max 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

- (7) 90°C copper cables. Always apply local electrical codes for sizing
- (8) Time delay fuse recommended. Apply local electrical codes for
- (9) Fluid volumes listed are approximate. See operator manual for