

	Model	QGD15			QGD20			QGD25			QGD30		
Nominal Power - Main Motor	kW	11			15			18			22		
Nominal Power - Main Motor	HP	15			20			25			30		
Rated Discharge Pressure	(psig)	100	125	150	100	125	150	100	125	150	100	125	150
Maximum Operating Pressure	(2) (psig)	107	132	157	107	132	157	107	132	157	107	132	157
<b>Reference Conditions</b>		QGD15			QGD20			QGD25			QGD30		
	bar abs	1			1			1			1		
Relative humidity	%	0			0			0			0		
Ambient temperature	°F	68			68			68			68		
Setting thermostatic valve	°F	167			167			167			167		
Nominal motor power	Hp	15			20			25			30		
Motor shaft speed	rpm	3560			3560			3560			3565		
Minimum working pressure	psi	58			58			58			58		
Min/Max ambient temperature	°F	32 / 115			32 / 115			32 / 115			32 / 115		
Oil Capacity	(9) Gallons	3.43			3.43			3.43			3.43		
Heat Rejection	BTU/hr	33848			48043			54594			66605		
<b>Performance Data Standard Unit</b>		QGD15			QGD20			QGD25			QGD30		
	(psig)	100	125	150	100	125	150	100	125	150	100	125	150
<b>Capacity FAD</b>	(1) cfm	82.3	70.1	61.8	102.7	97.3	79.8	124.0	109.8	102.3	145.4	132.2	118.4
<b>Package Input Power with Fan - Air Cooled</b>	(4) kW	15.1	15.6	15.6	21.4	21.2	21.2	22.9	23.1	23.5	27.6	27.6	28.6
<b>Specific Power - Air Cooled</b>	(5) kW/100cfm	18.4	22.3	25.3	20.8	21.8	26.6	18.5	21.0	23.0	19.0	20.9	24.1
Power input at no load	kW	4.6	4.3	4.1	6	5.1	4.7	6.3	5.7	5.4	7.7	7	6.3
Power input cooling fan	kW	0.9			0.9			0.9			0.9		
Male Rotor Speed	rpm	3204	2848	2492	3916	3641	3204	4628	4272	3916	5704	4913	4635
Drive motor efficiency	(3) %	91			91			91.7			91.7		
Fan motor efficiency	%	65			65			65			65		
Residual oil content in air	ppm	<2			<2			<2			<2		
Noise level	dB(A)	66			67			68			69		
<b>Basemount Design Data</b>		QGD15			QGD20			QGD25			QGD30		
Length	inches	56.4			56.4			56.4			56.4		
Width	inches	33.1			33.1			33.1			33.1		
Height	lbs	50.3			50.3			50.3			50.3		
Net Weight - Air Cooled BM		1071			1089			1122			1157		
<b>Tankmount Design Data</b>		QGD15			QGD20			QGD25			QGD30		
	120 Gallons												
Length	inches	73.6			73.6			73.6			73.6		
Width	inches	33.1			33.1			33.1			33.1		
Height	inches	74.8			74.8			74.8			74.8		
Net Weight - Air Cooled TM	lbs	1572			1590			1623			1658		
Air Discharge	Inches NPT	1" (MALE)			1" (MALE)			1" (MALE)			1" (MALE)		
Condensate Drain		5/16 (Push-in)			5/16 (Push-in)			5/16 (Push-in)			5/16 (Push-in)		
Ventilation air delivery @ 68°F	cfh	190699			190699			190699			190699		
<b>Electrical Data</b>		QGD15			QGD20			QGD25			QGD30		
Full load current (Amps)	(7) (8) 200/3/60	52			69			82			97		
Full load current (Amps)	(7) (8) 230/3/60	46			62			74			86		
Full load current (Amps)	(7) (8) 460/3/60	24			31			37			43		
Full load current (Amps)	(7) (8) 575/3/60	19			25			29			34		
<b>Performance Data Dryer Unit</b>		QGD15			QGD20			QGD25			QGD30		
	(psig)	100	125	150	100	125	150	100	125	150	100	125	150
<b>Capacity FAD</b>	(1) cfm	82.3	70.1	61.8	102.7	97.2	79.8	124.0	109.8	102.3	145.4	132.2	118.4
<b>Package Input Power with Fan - Air Cooled</b>	(4) kW	16.1	16.6	16.6	22.4	22.2	22.2	24.5	24.7	25.1	29.2	29.2	30.2
<b>Specific Power - Air Cooled</b>	(5) kW/100cfm	19.6	23.7	26.9	21.8	22.8	27.8	19.8	22.5	24.5	20.1	22.1	25.5
Power input at no load	kW	5.2	4.9	4.6	5.6	4.8	4.3	7.2	6.6	6.3	8	7.4	6.7
Power input cooling fan	kW	0.9			0.9			0.9			0.9		
Power input integrated dryer	KW	1.0			1.0			1.6			1.6		
Pressure dew point (int. dryer)@ 68°F 100% RH	°F	37			37			37			37		
Noise level	db (A)	66			67			68			69		



<b>Basemount Dryer Design Data</b>		<b>QGD15</b>	<b>QGD20</b>	<b>QGD25</b>	<b>QGD30</b>
Length	inches	75.8	75.8	75.8	75.8
Width	inches	33.1	33.1	33.1	33.1
Height	inches	50.3	50.3	50.3	50.3
Net Weight - Air Cooled BMD	lbs	1279	1296	1378	1413
<b>Tankmount Dryer Design Data</b>		<b>QGD15</b>	<b>QGD20</b>	<b>QGD25</b>	<b>QGD30</b>
	<b>120 Gallons</b>				
Length	inches	75.8	75.8	75.8	75.8
Width	inches	33.1	33.1	33.1	33.1
Height	inches	74.8	74.8	74.8	74.8
Net Weight - Air Cooled TMD	lbs	1780	1797	1879	1914
Air Discharge	Inches NPT	1" (MALE)	1" (MALE)	1" (MALE)	1" (MALE)
Condensate Drain		5/16 (Push-in)	5/16 (Push-in)	5/16 (Push-in)	5/16 (Push-in)
<b>Electrical Data Dryer Unit</b>		<b>QGD15</b>	<b>QGD20</b>	<b>QGD25</b>	<b>QGD30</b>
Full load current (Amps)	(7) (8) 200/3/60	64	81	94	108
Full load current (Amps)	(7) (8) 230/3/60	56	72	84	96
Full load current (Amps)	(7) (8) 460/3/60	29	36	42	48
Full load current (Amps)	(7) (8) 575/3/60	23	29	33	38

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 procedure.