



## QRS 3-15

Technical Data						
Compressor Drive Motor	Nameplate hp	3	5	7.5	10	15
Inlet Capacity	cfm @ 125 psig	n/a	n/a	n/a	37	52
Inlet Capacity	cfm @ 145 psig	8.5	16.6	21.2	33	47
Max. Operating Pressure	psig	150				
Min. Operating Pressure	psig	65				
Service Line Connection Size	In. (NPT)	1/2				
Heat Rejection	BTUs/Hr	12131	15409	20654	31420	46466
Male Rotor Speed	rpm	3220	5909	7397	3962	5705

Operating Temperatures		
Max. Ambient Operating Temp.	°F	104
Min. Ambient Operating Temp.	°F	34
Airend Discharge Temp.	°F	140
Thermostatic Valve	°F	180
Oil Thermostat	°F	260

Electrical Data at 150 psig						
Amp Draw at 230/1/60	A	18.7	26.7	36	-	-
Amp Draw at 230/3/60	A	10.2	15.8	19.5	29.9	29.3
Amp Draw at 200-208/3/60	A	12.2	18.4	21.5	31.6	42
Amp Draw at 460/3/60	A	5.2	7.9	9.9	14.7	19.5
Amp Draw at 575/3/60	A	4.3	6.5	8.2	12	15.9

Dryer Data						
Electrical Data	V/Phase/Hz	115/1/60				
Heat Rejection	btu/min	314				
Electrical Protection (fuse)	A	5.5	5.5	5.5	8.8	11.9

Compressor Fluid Data						
Total Fluid Capacity	gal	0.66	0.66	0.66	0.8	0.8
Typical Fluid Carryover	ppm	3				

Sound Data (at 1 meter)						
Standard Enclosure	dB(A)	61	62	64	66	68

Energy Consumption- Air Cooled						
Full Load Drive Motor HP	Bhp	3.1	5.5	8.25	11.5	17.2
Unloaded Drive Motor HP	Bhp	0.7	1.3	2.0	2.7	4.1
Total Package Consumption	kW	2.3	4.1	6.2	8.6	12.8
Total Package Specific Power	kW/100 cfm	27.1	24.7	29.0	23.2	24.7

Dimensions						
Length	in (mm)	56 (1420)			76 (1935)	
Width	in (mm)	22 (550)			25 (620)	
Height	in (mm)	49.4 (1255)			58 (1463)	
Weight (for dryer: +93 lbs / +42 kg)	lbs (kg)	463 (210)	463 (210)	468 (213)	775 (352)	815 (370)