



Enviro-Equipment, Inc.
Remediation Division

EEl-1324 Hydrovane V04 Compressor, Air Sparge/Bio Sparge Skid

SPECIFICATIONS

Skid Dimensions: 48" x 48" x 75"

Skid Weight: 769 lbs.

DESCRIPTION: Air Sparging or Bio Sparging Skid with Hydrovane V04 Compressor Capable of 19.5 CFM @ 100 PSIG. Includes particulate, oil and water separator filters, pressure regulator with gauge, 4 zone manifold each with ball valve, pressure gauge and flow meter with needle valve for flow adjustment. Compressor is mounted on 80-gallon tank with electric auto drain valve. Start/Stop Control Box with hour meter wired 230V 1PH. Includes 20' 3 wire power cable.





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	V01 - V07 Technical Information Sheet (Air Cooled 60Hz)	TIS/60Hz/ 05/2010
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Performance Data	Model	V01		V04		V05		V07	
Performance	psig	100	150	100	150	100	150	100	150
F.A.D.	cfm	6.3	4.5	19.5	16	NA	22.0	NA	28.9
Total Input Power (when compressor is new)	kW	1.7	1.8	4.9	4.8	-	7.0	-	8.6
Total Input Power (after 500 operating hours)	kW	1.6	1.7	4.6	4.5	-	6.6	-	8.2
Off-Load Power	kW	1.7	1.8	4.9	4.8	-	7.0	-	8.6

Compressor Details		V01		V04		V05		V07	
Noise level	dB(A)	65		72		73		73	
Power	hp (kW)	2 (1)		5.5 (4)		7.5 (5.5)		10 (7.5)	
Starter Type		Automatic Direct-On-Line							
Operating Controls		Automatic Stop/Start				Automatic Stop/Start or Continuous Run			
Air End Rotation Speed	rpm					1760			
Oil Capacity	Gallons	0.30		0.50		1.10			
Air Discharge Temperature (above ambient)	°F	15 - 20°F (approach temp.)							

Installation		V01		V04		V05		V07	
Air Outlet Size	NPT					1/2			
Phase	ph	Single phase or Three phase				Three phase			
Available Motor Voltages	V	208 / 230 / 460							
Ambient Temperature Range	°F	32 - 104°F							

Electrical Data		V01		V04		V05		V07	
Starter		Single phase - Direct-On-Line							
Electrical Supply	Voltage	230V		230V		230V		n/a	
Suggested Incoming Supply Cable *	Rating	12 AWG		8 AWG		8 AWG		n/a	
110% Full Line Current	Amps	10.6		25.3		34.3		n/a	
Motor Efficiency (at 100% Duty)	%	78		82.5		85.5		n/a	

Electrical Data		V01		V04		V05		V07	
Starter		Three phase - Direct-On-Line							
Electrical Supply	Voltage	208 - 230V		208 - 230V		208 - 230V		208 - 230V	
Suggested Incoming Supply Cable *	Rating	14 AWG		12 AWG		8 AWG		8 AWG	
110% Full Line Current	Amps	6.4		15		24.2		35.4	
Motor Efficiency (at 100% Duty) **	%	84		89.5		89.5		89.5	

Electrical Supply	Voltage	460V	460V	460V	460V
Suggested Incoming Supply Cable *	Rating	14 AWG	14 AWG	12 AWG	12 AWG
110% Full Line Current	Amps	3.1	7.15	11.1	14.85
Motor Efficiency (at 100% Duty) **	%	84	89.5	89.5	89.5

Motor Data		V01		V04		V05		V07	
Motor Service Factor		1.15							
Standard Drive Motor Detail	NEMA	TEFC							

Model Dimensions	Overall Length (in.)	Overall Width (in.)	Overall Height (in.)	Overall Weight (lbs.)
V01PUTS	30	11	18	130
V01PURHS-3	41	19	34	240
V04PUTS	42	24	24	315
V04PURVS-8	38	26	66	570
V04PURHS-8	65	22	40	425
V05PURVS-8	39	26	69	695
V05PURHS-8	66	22	43	550
V07PURHS-8	66	22	43	670
V04PDRHS-12	72	27	48	845
V05PDRHS-12	76	27	50	1210
V07PDRHS-12	76	27	50	1325

* Based on 75°C conductor temperature rating, copper wire (insulated), and 104°F ambient. Does not account for voltage drop.

** V04PUTS 3-phase motor efficiency @ 100% duty is 87.5%.

hydrovane



