

Performance Data	Model	V01		V04		V05		V07	
<b>Performance</b>	<b>psig</b>	<b>100</b>	<b>150</b>	<b>100</b>	<b>150</b>	<b>100</b>	<b>150</b>	<b>100</b>	<b>150</b>
F.A.D.	<b>cfm</b>	6.3	4.5	19.5	16	NA	22.0	NA	28.9
Total Input Power (when compressor is new)	<b>kW</b>	1.7	1.8	4.9	4.8	-	7.0	-	8.6
Total Input Power (after 500 operating hours)	<b>kW</b>	1.6	1.7	4.6	4.5	-	6.6	-	8.2
Off-Load Power	<b>kW</b>	1.7	1.8	4.9	4.8	-	7.0	-	8.6

Compressor Details		V01	V04	V05	V07
Noise level	<b>dB(A)</b>	65	72	73	73
Power	<b>hp (kW)</b>	2 (1)	5 (4)	7.5 (5.5)	10 (7.5)
Starter Type		Automatic Direct-On-Line			
Operating Controls		Automatic Stop/Start			
Air End Rotation Speed	<b>rpm</b>	1760			
Oil Capacity	<b>Gallons</b>	0.30	0.50	1.10	
Air Discharge Temperature (above ambient)	<b>°F</b>	90°F (approach temp.)			

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

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

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

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

Motor Data		V01	V04	V05	V07
Motor Service Factor		1.15			
Standard Drive Motor Detail	<b>NEMA</b>	TEFC			

Model Dimensions	Overall Lenth (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%.

