



Standard Products – 60Hz Vertical Enclosed Fixed Speed



60 Hz models HV11 (ACE) to HV22 (ACE), 116 & 150 psig

Performance Data	HV11	HV15	HV18	HV22
Free Air Delivery* 116 psig machine	52.4 cfm	67.3 cfm	100.3 cfm	112.7 cfm
Free Air Delivery* 150 psig machine	45.9 cfm	60.6 cfm	89.4 cfm	101.3 cfm

Compressor Details	HV11	HV15	HV18	HV22
Noise level	69.0 dB(A)	70.0 dB(A)	70.0 dB(A)	71.0 dB(A)
Nominal power	11.0 kW	15.0 kW	18.0 kW	22.0 kW
Operating Controls	Continuous or automatic stop start with Reduced Energy Venting System (REVS)			
Rotation Speed (Direct Drive)	1760 rpm			
Ambient Temperature Range	32 - 113 °F			
Air Discharge Temperature (above ambient)	15.0 °F	20.0 °F	15.0 °F	20.0 °F

Electrical Data	HV11	HV15	HV18	HV22
Starter	Direct On Line			

Electrical supply	3ph/200-230V/60Hz	3ph/200-230V/60Hz	3ph/200-230V/60Hz	3ph/200-230V/60Hz
Suggested Incoming Supply Cable	6 AWG	4 AWG	4 AWG	4 AWG
110% Full Line Current	46.0-41.0A	62.0-56.0A	73.0-70.0A	90.0-85.5A

Electrical supply	3ph/460V/60Hz	3ph/460V/60Hz	3ph/460V/60Hz	3ph/460V/60Hz
Suggested Incoming Supply Cable	12 AWG	10 AWG	8 AWG	6 AWG
110% Full Line Current	20.5 A	28.0 A	35.0 A	43.0 A

Electrical supply	3ph/575V/60Hz	3ph/575V/60Hz	3ph/575V/60Hz	3ph/575V/60Hz
Suggested Incoming Supply Cable	14 AWG	12 AWG	10 AWG	8 AWG
110% Full Line Current	16.5 A	22.5 A	28.0 A	34.0 A

Motor and Fan Data	HV11	HV15	HV18	HV22
IE3 motor efficiency @ 100% duty	92.4%	93.0%	93.6%	93.6%
Motor Service Factor	1.1			
Cabinet cooling fan motor rating	410W 1ph/230V		610W 1ph/230	

Capacities and dimensions	HV11	HV15	HV18	HV22
Oil Capacity	1.85 US Gal		1.98 US Gal	
Approved compressor oil	Fluid Force Red 2000, Food Grade & High Performance Oil			
Air quality			< 3 ppm	
Air outlet size	¾" NPT		1" NPT	
Overall Depth			33.5 inch	
Overall Width			27.6 inch	
Overall Height			61.0 inch	
Overall Weight	904 lbs	935 lbs	1135 lbs	1165 lbs

Data assumes Hydrovane recommended service intervals, oils and spare parts are used

*FAD according to BS ISO1217:2009-Annex B, C and E

Issue 5