



## Standard Products – 60Hz Vertical Enclosed Fixed Speed



60Hz models HV30 (ACE) to HV45 (ACE), 116 & 150 psig

Performance Data	HV30	HV37	HV45
Free Air Delivery* 116 psig machine	155.7 cfm	201.8 cfm	226.6 cfm
Free Air Delivery* 150 psig machine	143.2 cfm	175.9 cfm	198.5 cfm

Compressor Details	HV30	HV37	HV45
Noise level	73.0 dB(A)		
Nominal power	30.0 kW	37.0 kW	45.0 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)	18.0 °F	17.0 °F	20.0 °F

Electrical Data	HV30	HV37	HV45
Starter	Direct On Line		

Electrical supply	3ph/200-230V/60Hz	3ph/200-230V/60Hz	3ph/200-230V/60Hz
Suggested Incoming Supply Cable	2 AWG	1 AWG	1 AWG
110% Full Line Current	124.0-108.0A	147.0-128.0A	173.0-151.0A

Electrical supply	3ph/460V/60Hz	3ph/460V/60Hz	3ph/460V/60Hz
Suggested Incoming Supply Cable	2 AWG	1 AWG	1 AWG
110% Full Line Current	54.0 A	64.0 A	76.0 A

Electrical supply	3ph/575V/60Hz	3ph/575V/60Hz	3ph/575V/60Hz
Suggested Incoming Supply Cable	8 AWG	6 AWG	6 AWG
110% Full Line Current	43.0 A	52.0 A	61.0 A

Motor and Fan Data	HV30	HV37	HV45
IE3 motor efficiency @ 100% duty	94.1%	94.6%	94.6%
Motor Service Factor	1.1		
Cabinet cooling fan motor rating	880W 3ph/230V 1000W 3ph/575V	1750W 3ph/230V 1950W 3ph/575V	

Capacities and dimensions	HV30	HV37	HV45
Oil Capacity	6.00 US Gal		
Approved compressor oil	Fluid Force Red 2000, Food Grade & High Performance Oil		
Air quality	< 3 ppm		
Air outlet size	1 ½" NPT		
Overall Depth	44.5 inch		
Overall Width	35.5 inch		
Overall Height	64.5 inch		
Overall Weight	2027 lbs	2152 lbs	2220 lbs

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

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

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