

Technical Data Sheet

HV Fan Range

Performance and Dimensions



The High Volume belt drive range from Hydor has been specified for durability, longevity and efficiency.

The casing of each model is made entirely of galvanised steel and the blades from 304 stainless steel.

The motors are all quality units designed for long use and are protected to IP55. A suitable cable is connected to the motor and fed to the outside of the casing for ease of wiring. The belt is a reinforced rubber belt that is easily replaced locally. Belt tensioning can be carried out without taking the guards off using 2 bolts on the casing.

There are 3 sizes available, each with single or three phase motors, and the option of louvers and guards. The basic fan comes with a safety guard both sides. With the louver fitted, it can be delivered with/without a louver side safety guard.

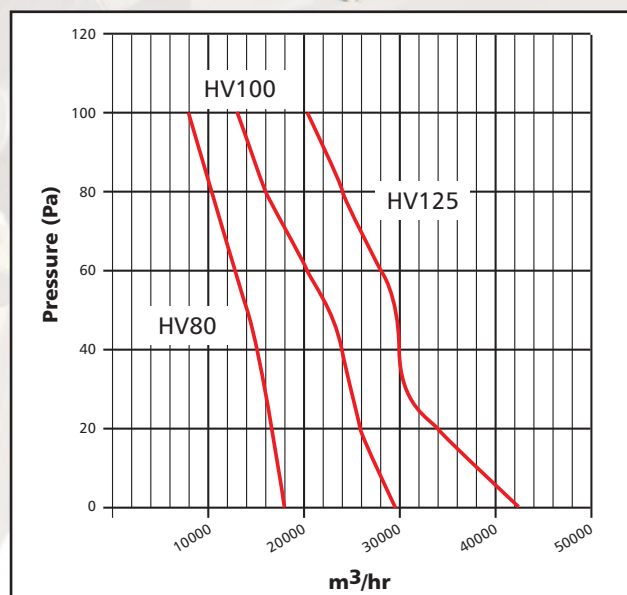
It is recommended that the louvers side guard be installed whenever the fan is to be fitted at a height less than 2.7m from working height.

The louvers are opened by a centrifugal mechanism; this means that once opened, the louvers do not sap the performance of the fan. Tests have shown that once dust has built up on air pressure operated louvers the air moved is reduced by 15%.

Three phase available, details on request.

Spares are usually available from stock.

12 Months Warranty.



Fan	Air movement (m³/hr) @ Pressure (Pa)				Motor (hp)	RPM (blade)	Noise dB(A) @ 3m	220-240/1/50 Current Amps	
	0	50	75	100				FLC	Start
HV80	18,000	14,100	11,400	8,600	0.75	630	75	1.5	4.5
HV100	29,000	22,700	17,000	12,900	1.0	503	76	2.0	6.0
HV125	43,000	29,500	25,000	20,700	1.5	485	78	2.8	8.4

Fan	Propeller Aperture	Width	Height	Depth fan case only	Depth incl louver	Depth incl louver and guard	Imperial size (inches)	Weight (kg)	Weight incl louver (kg)
HV80	800	925	925	383	427	500	30	42	49
HV100	1000	1125	1125	383	447	515	36	58	64
HV125	1250	1375	1375	416	480	550	50	80	90