

- DH/W : ROOF EXHAUST FAN, DOWN BLAST, DIRECT DRIVE

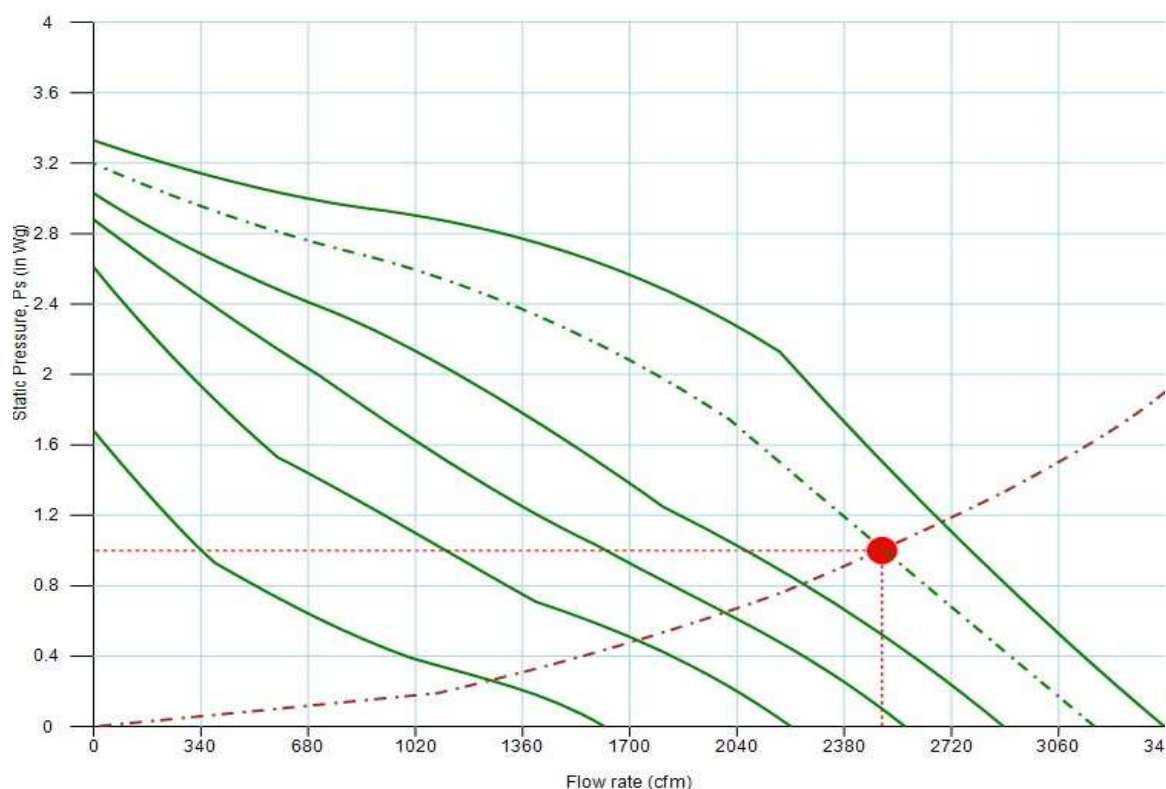
Brief Description	FAN Technical Data	
Base frame with bolts for tightening of inlet accessories and rectangular inlet cone made from galvanized steel; from size 560 -710 additionally plastic coated. Rain hood up to size 500 made from seawater resistant aluminium, from size 560 from galvanized steel. Motor supporting plate with integrated protection guard made from plastic coated round bar steel. Fans are equipped with backward curved high efficiency plastic impellers, mounted onto the rotor of a speed controllable external rotor motor. Balanced on two levels according to quality level G 2.5DIN/ISO1940. Motor closed protection class F with protection against humidity and thermal contacts wired in windings from size 355.	Model Name	DH-450-4E
	Air Volume (cfm)	2500
	Static/Total Pressure (in Wg)	1/1.05
	Dynamic Pressure (in Wg)	0.05
	Outlet Velocity (m/s)	7.42
	Static/Total Efficiency	28/29
	Fan Speed (rpm)	1589
	Fan Absorbed Power (kW)	1.06
	Voltage (V)	200

Accessories	Motor Technical Data	
	Pmax (kW)	1.5
	Imax (A)	6.8
	IP	54
	Class	F
	Roof Opening (mm)	443X443
	Actual Power (kW)	1.06
	Motor Speed (rpm)	1589
	Power Supply	230V/1/60Hz

Sound Data									
Hz	63	125	250	500	1000	2000	4000	8000	Total
LwA (dBA)	49	68	74	75	76	74	68	62	81

-By theoretical Calculation

Fan Performance Curve



Fan Drawing & Dimensions

Dimension in mm

