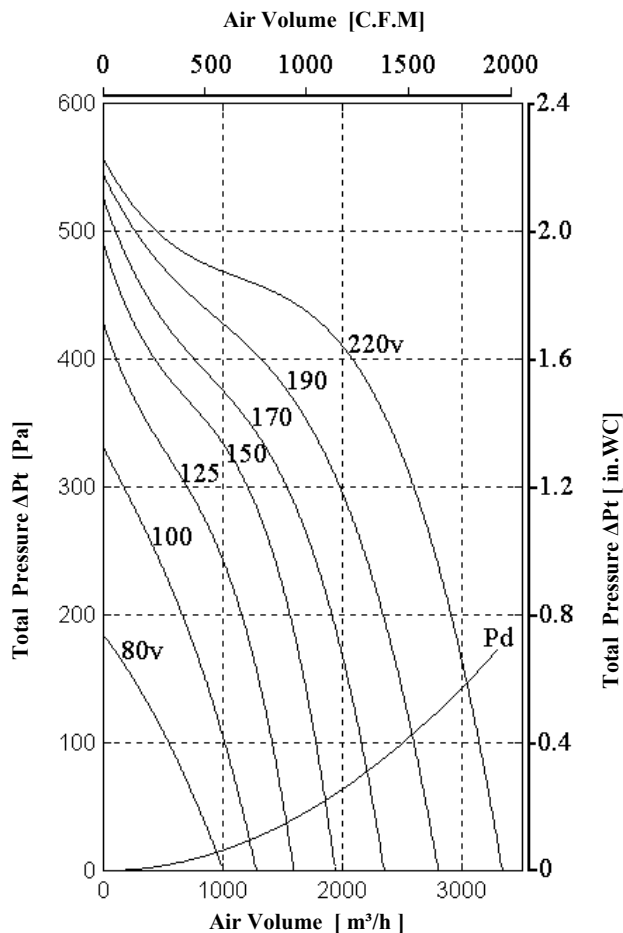


E443 / E65-6



Single Inlet , 1500 CFM 220V 1N~ 50 Hz

- Voltage Range 100 ~ 220 [V]
- Frequency 50 [Hz]
- Current *max @ free air* 3 [A]
- Power *max @ free air* 650 [W]
- Speed *@ free air* 850 [rpm]
- Insulation Class H
- Protection Class IP65
- Power Factor ($\cos \phi$) 0.98
- Capacitor 25 [μF] 400 [V]
- Net Weight 22 [kg]
- Starting Torque 3.5 [nm]
- Starting Current *max* 7 [A]
- Air Temperature *max* 60 [$^{\circ}\text{C}$]

Voltage [V]	Air Volume [m³/h] @ $\rho=1.2 \text{ kg/m}^3$					
	Free Air	Total Pressure ΔPt [Pa]				
		100	200	300	400	500
80	940	550				
100	1220	1020	670	180		
125	1530	1410	1160	710	110	
150	1860	1780	1560	1210	430	
170	2200	2150	1910	1540	750	100
190	2580		2340	2000	1310	270
220	3040		2900	2590	2070	440

Wheel Diameter = 333 mm = 13 1/8"

40 Blades , 25 mm = 1 " Chord Width

Tip Speed = rpm * 0.017 [m/s]

= rpm * 3.45 [FPM]

Outlet Area = 0.049 [m²] = 0.53 [SQ.FT.]

Voltage [V]	Sound Pressure Level dB(A)						
	80	100	125	150	170	190	220
Inlet	43	52	57	61	66	68	72
Outlet	46	54	59	63	68	71	73

Measured in distance of 3m , @ free air

