

A500-9 / E65-6

Air Volume [CFM]

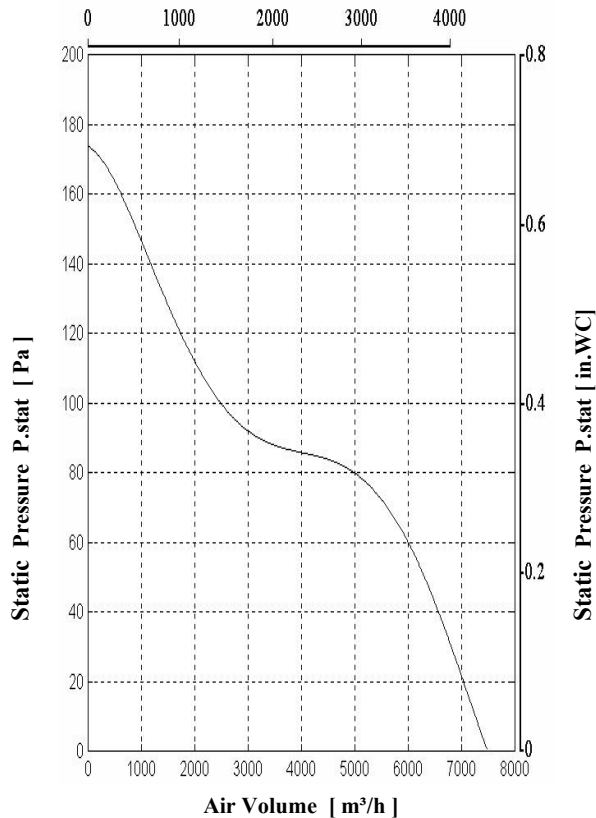


Diagram is based on standard air $\rho=1.2 \text{ kg/m}^3$. **Pd** is system curve for dynamical pressure part related to Fan Outlet Area (Curve for free blowing fan). **Total Pressure** (the sum of the dynamic and static pressures) is shown in relation to the **Air Volume**, Dynamic pressure is shown below system line Pd and Static Pressure is shown above that line

Multi – Wing , 4Z , 50 Cm

220V 1N~ 50 Hz

- Voltage Range 100 ~ 220 [V]
- Frequency 50 [Hz]
- Current *max @ free air* 2.3 [A]
- Power *max @ free air* 500 [W]
- Speed *@ free air* 950 [rpm]
- Insulation Class H
- Protection Class IP65
- Power Factor ($\cos \phi$) 0.98
- Capacitor 18 [μF] 400 [V]
- Net Weight 23 [kg]
- Starting Torque 4 [nm]
- Starting Current 7 [A] *max*
- Air Temperature $-40 \sim +60$ [$^{\circ}\text{C}$]

Voltage [V]	Air Volume [m³/h] @ $\rho=1.2 \text{ kg/m}^3$					
	Static Pressure ΔPt [Pa]					
	0	40	80	120	160	175
220	7480	6560	4980	1740	620	0

Impeller Type = Multi – Wing

Impeller Diameter = 500 mm

Number of Blades = 9

Blade Type = 4Z

Blade Angle = 45°

Blade Material = Glass Reinforced Polyamide

Outlet Area = $0.2 \text{ [m}^2\text{]} = 2.1 \text{ [SQ.FT]}$

Voltage [V]	Sound Pressure Level dB(A)						
	80	100	125	150	170	190	220
Inlet	52	57	61	63	64	64.5	65

Measured in distance of 3m , @ *free air*

