

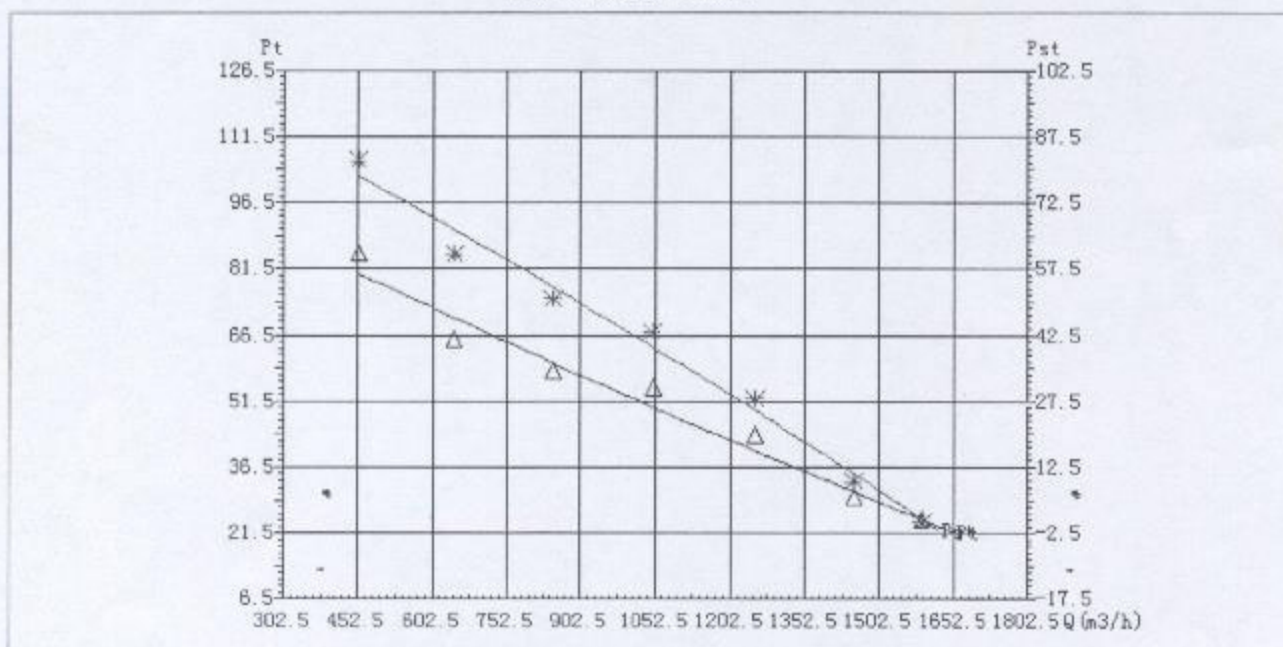
The ventilator aerodynamic performance test results

Fan Model : 4E-300M				Motor Model : Single-phase			
Air Flow (m ³ /h):	2000.0	Pressure (Pa):	80.00	Speed (rpm):	1350	Current (A):	0.500
Noise (dB(A)):	65.00	Outlet Area (m ²):	0.0706	Impeller Dia (m):	0.3000		
Test Device	Type A	Air Flow Test :		Test Standard : GB/T 1236-2000			

Physical Qty	Unit	1	2	3	4	5	6	7	8	9	10
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p=101325.00Pa		θ=20.0°C		ρ=1.2000kg/m ³		Dc=0.300m					
Air Flow	m ³ /h	454.1	647.6	849.4	1050.5	1252.9	1452.4	1588.2			
Full Pressure	Pa	84.02	64.66	57.36	53.67	42.83	28.98	23.78			
Static Pressure	Pa	82.07	60.70	50.54	43.24	28.02	9.08	-0.04			
Current	A	0.339	0.315	0.307	0.312	0.309	0.300	0.297			
Input Power	W	74.4	68.5	65.5	67.7	67.2	64.6	63.9			
Shaft Power	W	44.6	41.1	39.9	40.6	40.3	38.8	38.4			
Speed	rpm	1337	1364	1372	1366	1370	1373	1382			
Full Pressure Efficiency	%	24.08	28.62	34.42	39.05	37.40	30.50	27.67			
Total Efficiency	%	14.45	17.17	20.65	23.43	22.44	18.30	16.60			
Fan Noise	dB(A)	/	/	/	/	/	/	/			

Performance Curve



X: Q(m³/h)

Y: △ Pt (Pa)

* Pst (Pa)