

MAYA FAN AIR ENGINEERING Pvt. Ltd.

Plot No.53B, Industrial Area No. 1,

A. B. Road, DEWAS - 455 001

Ph : 07272-258734, 328890 Fax. 07272 - 251456

Email : info@mayafanfrp.com

Customer : The Arvind Mills Limited

Fan Model : MAYA-HA-MA06-JG

Plant :

Tag : Supply Air Fan (Fan Set No 9985127)

Date : 04/02/2006

FAN PERFORMANCE REPORT

	Unit	Existing Fan				Maya FRP Fan			
		S ₁	S ₂	S ₃	S ₄	W S ₁	D S ₂	S ₃ B	S ₄ T
Fan Diameter	mm	1510.0				1510.0			
Tip Diameter	mm					375.0			
Fan casing diameter	mm					1525.0			
Number of Blades	Nos.					06			
Blade Angle	Degree					~ 14° at tip			
Area at measuring section	m ²					1.79 m ²			
Hub Area	m ²					0.11			
Discharge Area	m ²					1.68			
Air Velocity	m/sec								
R ₁						20.0	20.0	16.5	18.3
R ₂						21.2	21.4	17.8	22.0
R ₃						21.2	22.0	16.7	18.0
R ₄							25.0	16.8	
R ₅									
Air Velocity	m/sec					19.79			
Air Flow	m ³ /sec					33.247 (70,446.8 l/m)			
Connected Motor	kW					22.0			
Supply Voltage	Volt ϕ					392			
Motor Current	Ams.					28.03			
Consumed Power	kW					16.80			
Power Factor	-					0.887			
Power Saving	%								

Remark

[Signature]

Engineer

Maya Fan Air Engineering Pvt. Ltd.

Signature

Above Reading are
of 2 under observation
and we will take first
& measure of existing fan
(later on)

Signature

[Signature]