

Pneumatic Ventilation Fan

Pneumatic Ventilation Fan is designed for underground mines, tunnels, Gold mines and Shaft Sinking, to remove Blasting Fumes very quickly and deliver fresh air into the mines. Over all weight 25 Kg. completely balanced to run at 4000 RPM. It is fitted with precision ball and roller bearing for long life.



Technical Details

Body & Impeller	Aluminum
Air Connection	1" Hose
Air Consumption	82 CFM at 800 feet
Air Delivery	2000 CFM AT 800 feet
Ducting	16" or 18" M.S.
Impeller	6 blades dynamic balanced
Water Gauge	2" – 3" (50-75mm) Approx.
Weight	25 Kgs
RPM	4000

Flow Chart

Air Supply	Air consumed	Volume of Ventilated air at distance		
		200 feet	600 Feet	800 Feet
60 PSI	63 CFM	3500 CFM	2500 CFM	2000 CFM
70 PSI	71 CFM	4000 CFM	2750 CFM	2250 CFM
80 PSI	82 CFM	4250 CFM	3000 CFM	2500 CFM

(The above figures are for the fan giving fresh air in the mines, while exhausting the air from the mines, than there will be a deduction of 10% in the above figures.)