

Technical Specification along with TDs for Ventilator & air Tube 7 meters long

S/No.	Nomenclature	Specification	Trial Directive
A ENGINE			
1.	Type	4 Stroke Air Cooled, Single Cylinder	BOO to check and verify through relevant certificate provided by OEM.
2.	Displacement	Min 140 CC	BOO to physically check and verify through OEM certificate.
3.	H.P/KW/RPM	Min 3.5/2.5/3500)	BOO to check and verify through lab test reports from Govt./NABL-approved labs/International Lab
4.	Air cleaner	Dual-Clean air Cleaner or better.	BOO to physically check and verify through OEM certificate.
5.	Fuel Tank Capacity	3.8 litres or more	BOO to physically check and verify.
6.	Oil capacity	0.60 litres or more	BOO to physically check and verify.
7.	Dimensions (LxWxH)/mm	(385 x 240 x 400) ± 10%	BOO to physically check and verify.
B AIR BLOWER ASSEMBLY			
1.	Impeller diameter	300 mm ± 10%	BOO to physically check and verify.
2.	Impeller	Mild Steel.	BOO to physically check and verify through OEM certificate.
3.	Suction	Min 3500 m3/hrs.	BOO to check and verify through lab test reports from Govt./NABL-approved labs.
4. COUPLING			
5.	Outside Diameter	304 mm ± 10%	BOO to physically check and verify.
6.	Inside Diameter	300 mm ± 10%	BOO to physically check and verify.
7.	Thickness	2mm ± 10%	BOO to physically check and verify through OEM certificate.
8.	Material of construction	Mild Steel	BOO to check and verify through lab test reports from Govt./NABL-approved labs.
C DUCTING			
1.	Body	Nylon Polyester fabric coated with PVC on both sides.	BOO to check and verify through lab test reports from Govt./NABL-approved labs.
2.	Re-enforcement wire	Spring Steel	BOO to physically check and verify through OEM certificate. .
3.	Dimension	Suction : Min I/D (300 mm x 7 m) ± 10% Discharge : Min I/D (300mm x 18m) ± 10%	BOO to physically check and verify through OEM certificate.