

GOLDEN TURBOVENT Model GT-900



TECHNICAL SPECIFICATION:-

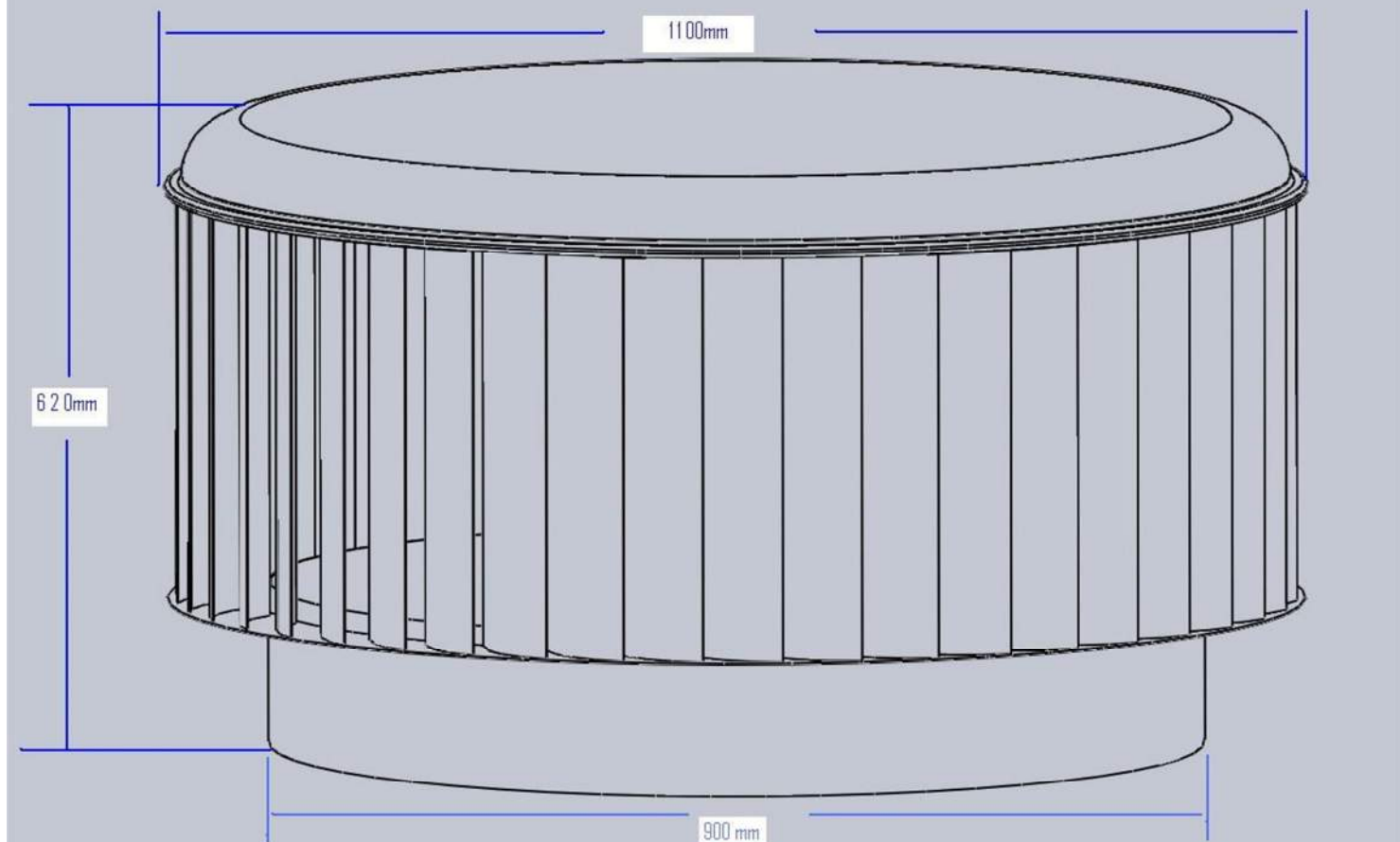
Model	GT-900 (Vertical Blade Design)		
Turbine Diameter	1100mm		
Neck/Throat Diameter	900mm		
No. of Vanes(Blades)	39 Vanes		
Height	620mm		
Base Ring MOC (Mounting Ring)	Stainless Steel 430		
Top Plate MOC	Aluminium Alloy 8011 H2 Thickness 1.5mm		
Vanes MOC	Aluminium Alloy 8011 H2 Thickness 1mm		
Rotation	Double Row Sealed bearings mechanism and self lubricating bush of Dupont Zytel 101L Polyamide 66 resin to ensure frictionless rotation even at lowest wind velocity		
Center Shaft	Stainless Steel 20mm Ø		
Inner Arms	Aluminium Thickness 5mm		
Outer Arms	Aluminium Thickness 5mm		
Center Pipe	-		
Nett. Weight	19 Kgs (Approx.)		
Gross Weight	30 Kgs (Approx.)		
Packing ASSEMBLED	7 ply seaworthy corrugated box size 1120x1120x660mm		
	Qty in 20 ft. container	Qty in 40 ft. container	40 ft. HC container
	30 Nos	60 Nos	80 Nos

Note : Golden Engineering Co. Pvt. Ltd. Reserves the right to make changes owing to regular product development

EXHAUST CAPACITY :-

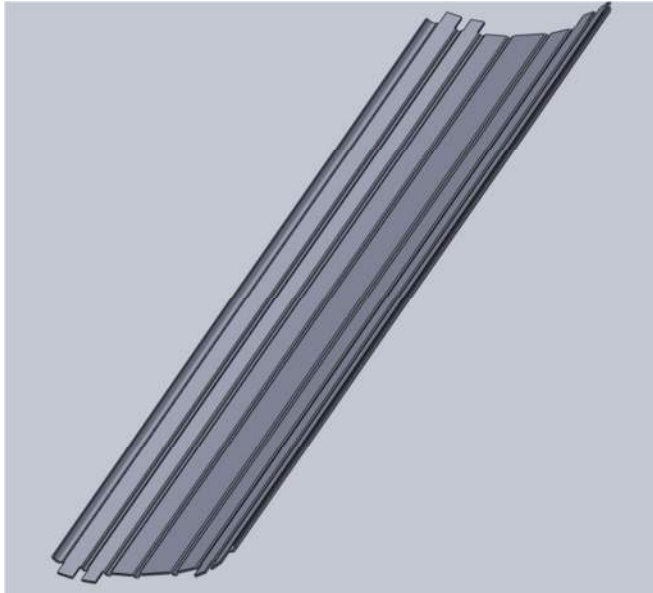
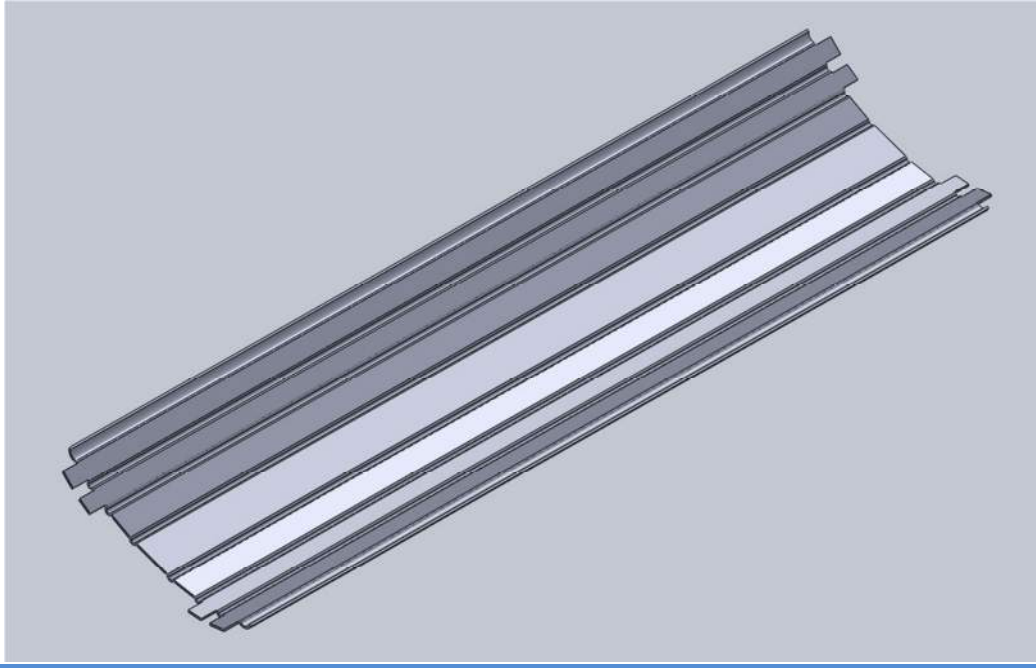
Wind Velocity	TURBOVENT GT-900 Exhaust capacity in		
	Litres/Second	CFM (Cubic Feet per Minute)	Cubic Feet per Hour
04 Kmh	1392	2949 CFM	176940 cft.hr.
08 Kmh	2049	4340 CFM	260400 cft.hr.
12 Kmh	2809	5950 CFM	357000 cft.hr.
18 Kmh	3791	8031 CFM	481860 cft.hr.
24 Kmh	4966	10520 CFM	631200 cft.hr.

*Multiply Litres/Second with 2.118 to convert it into CFM



Aerofoil designed Blades/Vanes

- Prevents dust & water ingress
- Aerofoil design to operate at lowest wind velocities



Double Row Bearing Design

- Double Row heavy duty performance Sealed bearings mechanism for guaranteed performance at lowest wind velocities.
- Whisper quiet in operation
- **Rigid Spider** type aluminium frame construction to withstand Cyclone, Storm and Twisters

