

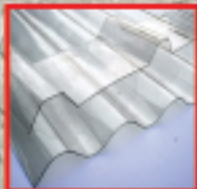
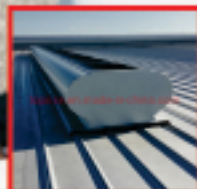
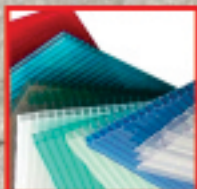
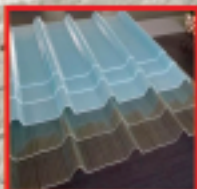


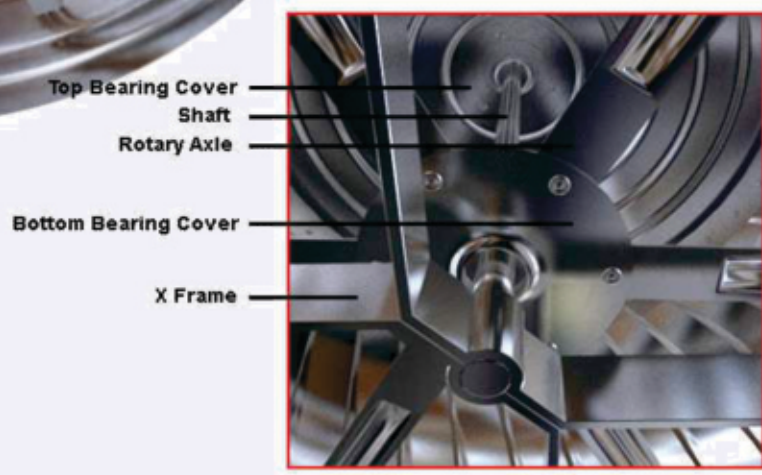
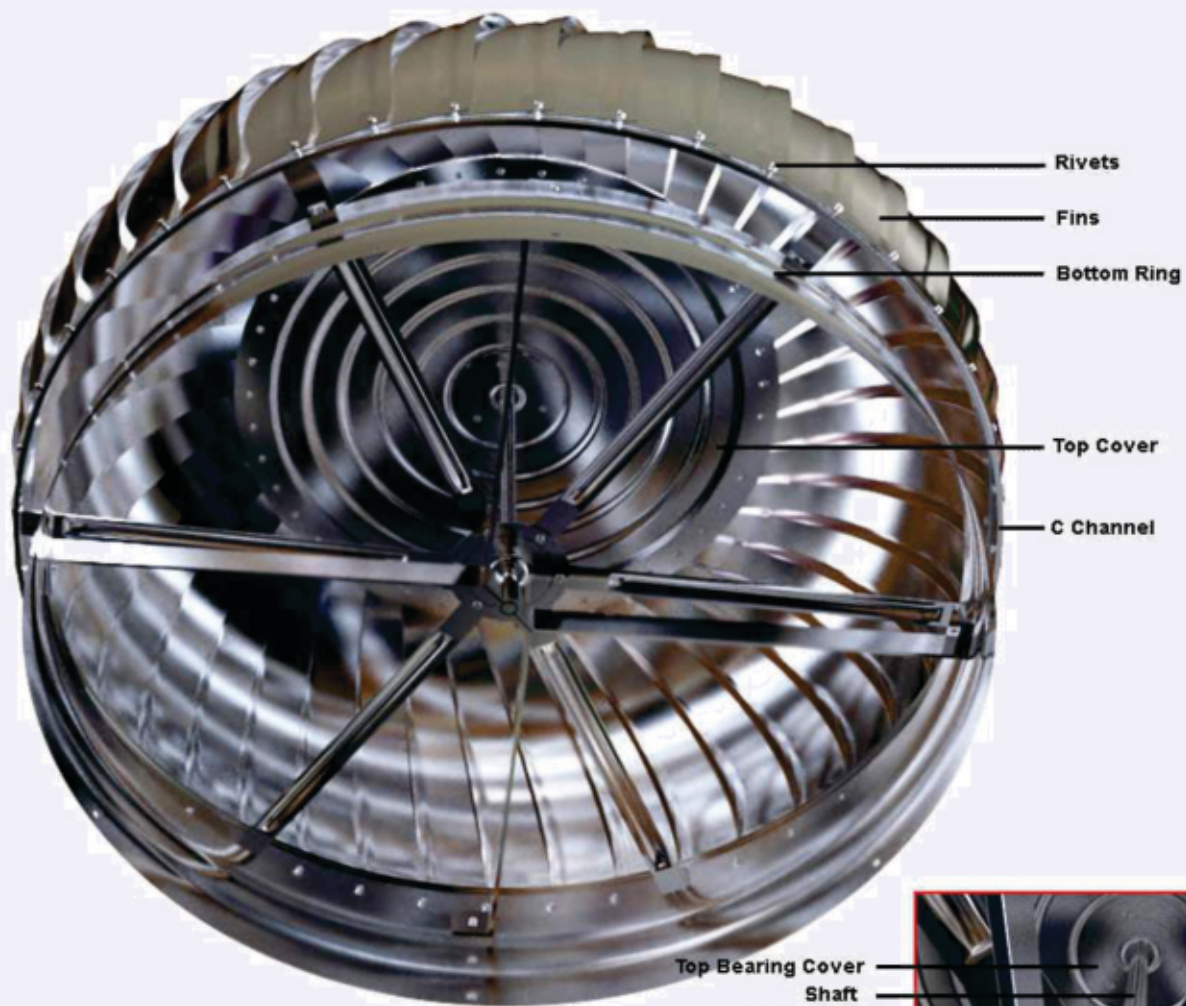
RAGHAV PLAST

Roof Ventilation

Sky Lighting &
FRP Products

AIRY & LIGHTING





Turbo Roof Ventilator Fans

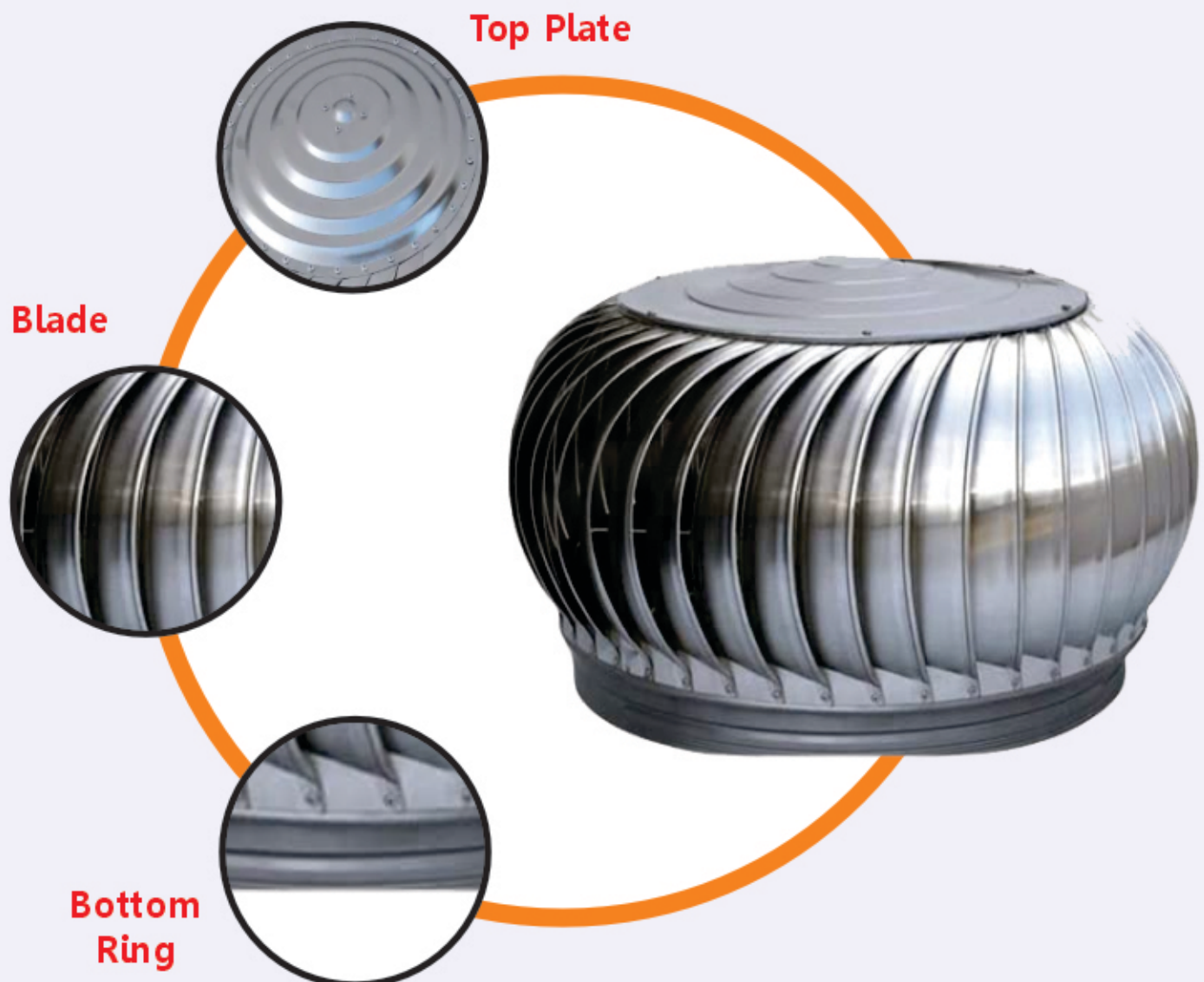
TURBO VENTILATOR FANS are natural air ventilation system. They are free spinning roof exhausts, Which work by utilizing the kinetic energy of wind to induce air flow through centrifugal action

Types of Turbo Ventilators

Throat Dia Sizes	12" Dia. (305 MM)	18" Dia. (457 MM)	21" Dia. (533 MM)	22" Dia. (560 MM)	24" Dia. (610 MM)
MOC	Aluminium & Stainless Steel	Aluminium & Stainless Steel	Aluminium & Stainless Steel	PPSS	Aluminium, Stainless Steel & PPSS

Aluminium Turbo Ventilator Fans

The Fins of the **Aluminium Fans** are manufactured using Aluminium, where as the Top Cover and Bottom Ring can be manufactured using Aluminium or Stainless Steel depending on the customer requirement.



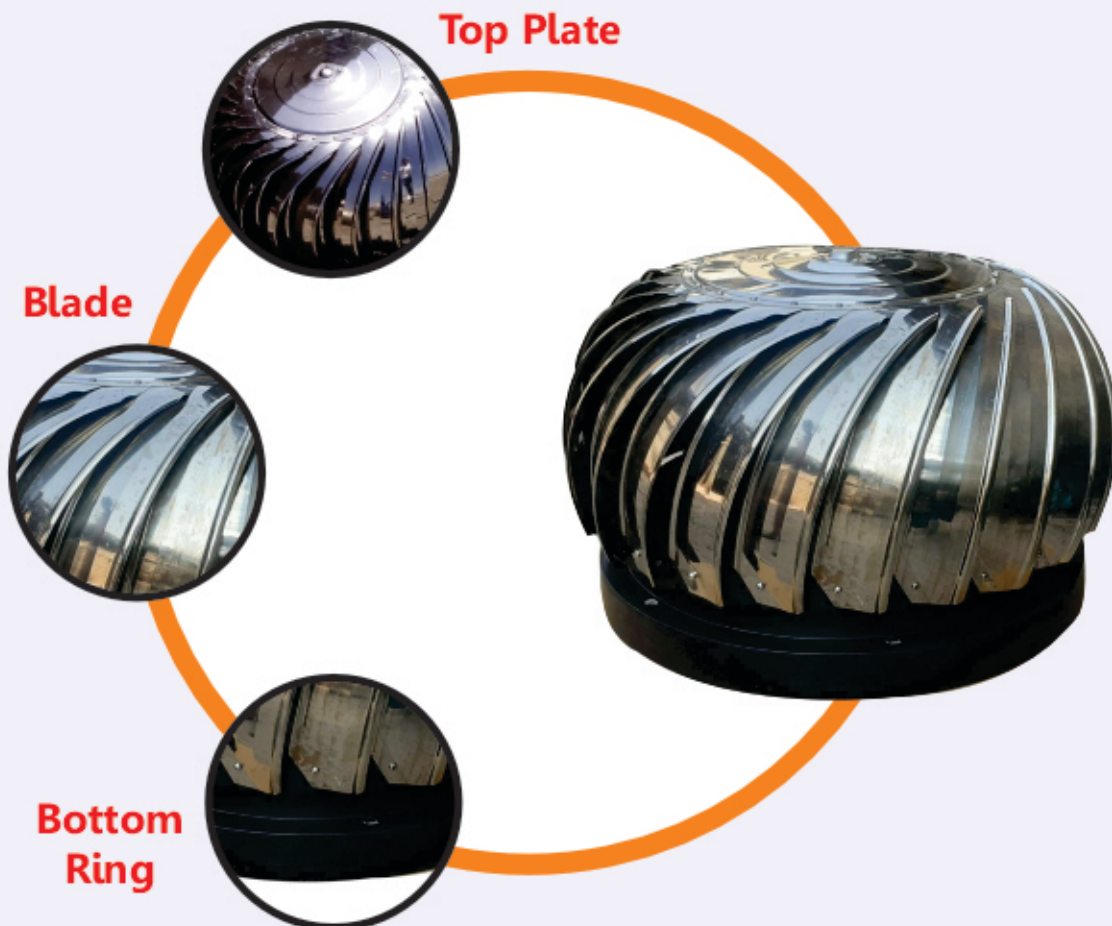
Stainless Steel (S.S.) Turbo Ventilator Fans

Their Fins are in S.S. where as the Top Cover and Bottom Ring can be made available Stainless Steel (S.S.) or Aluminium (AL.) depending on the customer requirement.



PP-S.S. Turbo Ventilator Fans

PP-S.S. Turbo Fans are available in polypropylene (PP) & SS Combination with sizes of internal throat dia size of 22" (560 MM) and 24" (610 MM) The 22" Dia Fans have a total of 24 nos. of fins, where as the 24" dia Fans have a total of 26 no. of fins each in Stainless Steel (S.S.)



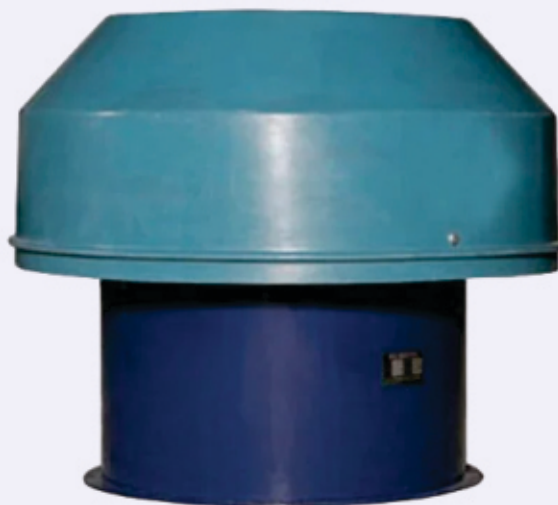
Full PP Turbo Ventilator Fans

Full PP Turbo ventilators in which top plate, bottom ring, blade as well as internal fittings are in polypropylene (PP). They are available in an internal throat dia size of 22" (560 MM) and 24" (610 MM) The 22" Dia Fans have a total of 24 nos. of fins, where as the 24" dia Fans have a total of 26 no. of fins, each in polypropylene (PP).



ROOF EXTRACTORS (POWERED VENTILATORS)

Roof Extractors are fixed over industrial as well as commercial roofs and are used for forced ventilation in the place of their installation.. They consist of an impeller of an Aerofoil designed aluminum casted fan, which is powered by, an electric motor. The impeller is fitted within a painted or powder coated cylindrical shaped M.S. casing of an appropriate diameter size and is connected to an electric motor. The can easily be fixed over flat or sloped roofs. They continuously exhaust hot air, gases, fumes, smoke and dust at a constant rate and have an exhaust capacity of upto 10000 C.F.M.



How many Do you **NEED ?**

$$N = 60 Q \times Y / \text{Vol.}$$

Where,

N = Number of air changes reqd. per hour

Q = Volumetric flow rate of air in Cubic Feet Per Minute (C.F.M.) / Ventilator

Y = Total No. of Turbo Ventilators required.

Vol. = Volume of space (air) to be ventilated $L \times W \times H$, in Cubic Feet

Recommended **Air Change** Rates:

TYPE OF BUILDING	AIR CHANGES REQD.	TYPE OF BUILDING	AIR CHANGES REQD.
Boiler Room	15-20	Welding Workshops	15-30
Engine Rooms	4-6	Foundries	15-20
Compressor Rooms	10-20	Stores & Warehouses	3-6
Factory Buildings (ordinary conditions)	2-4	Canteens	8-12
Factory Buildings (extreme conditions)	10-15	Commercial Kitchens	30+
Galvanizing Plant	20-30	Dye Works	20-30
Electroplating Plants	10-12	Paint Shops	10-20



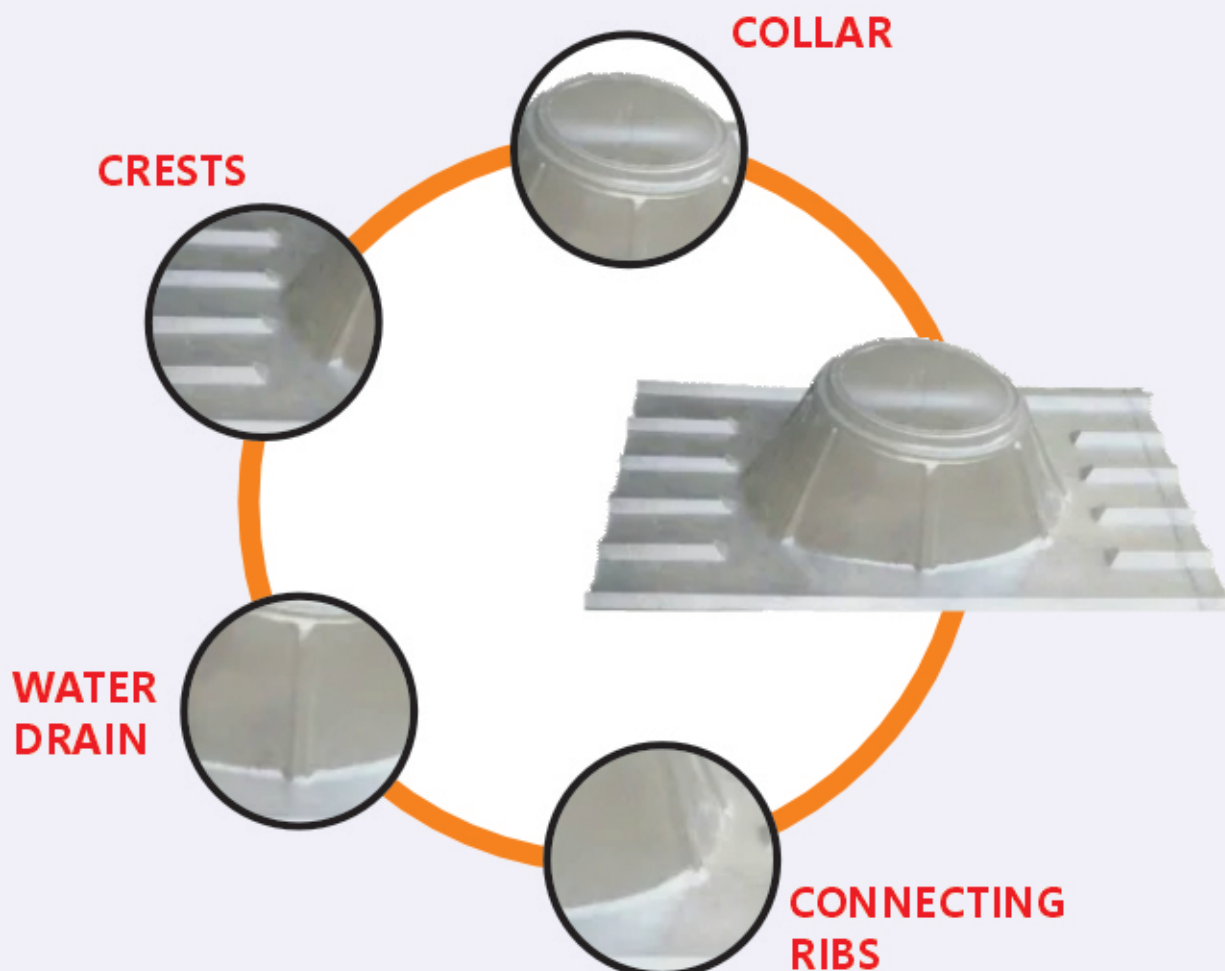
Turbo Ventilator Base Frames

Turbo Ventilator Base Frame are used to mount Turbo Fans and can be made available in a wide range of materials depending on the customers requirement. All the variants of Base Frames are strong and resist rust, harmful U.V. Rays of Sunlight and extreme weather. Their unique aerodynamic design increase airflow and facilitates rapid exhaust of hot air from inside the building.

Available Choices:-

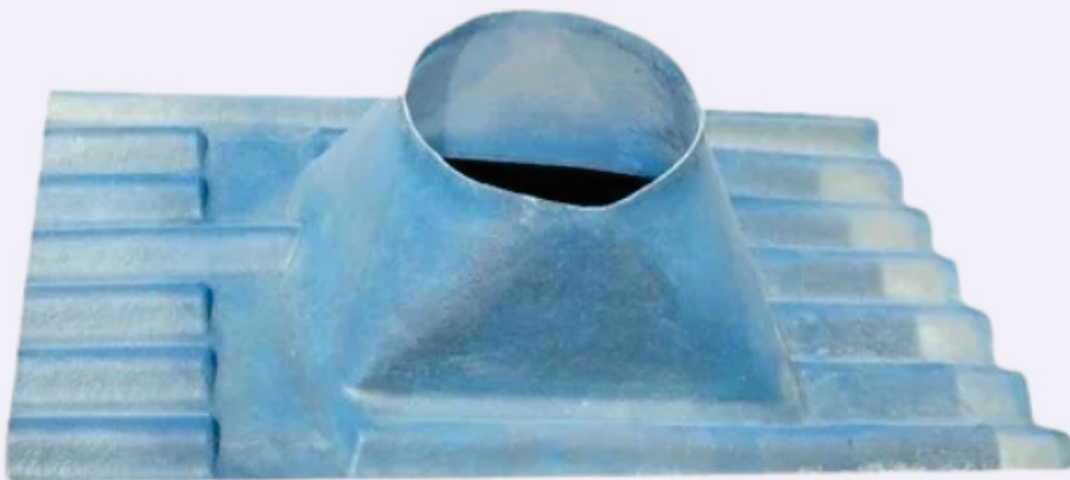
(I) Polycarbonate (PC) Turbo Ventilator Base Frames, (I) Which can be up to 90% transparent, allow natural light that to pass through them and thereby providing limited illumination in the place of their installation and that too at no cost. PC Base Frames help conserve precious energy meant for artificial lighting.

(ii) PC Base Frames can be made available in a maximum size of 2.0 Mtr. (length) x 1.22 Mtr. (width) x 0.45 (height) and in any thickness up to 8.0 MM. The exhaust opening measures 1.0 Mtr. x 0.70 Mtr. in size. They can be up to 90% transparent depending on the grade and type of PC Sheet used.



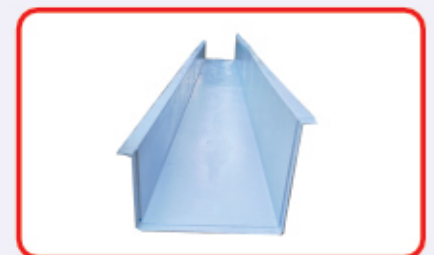
(ii) F.R.P. Turbo Ventilator Base Frames, (I) can be manufactured in a wide range of corrugations and profiles and are adaptable to most roofs. They can be coloured-opaque, colour transparent or largely transparent. The Transparent Base Frames allow natural light to pass through them and thereby providing limited illumination in place of their installation. They can be made anti-corrosive and fire resistant, if need be can resist a high temperature of up to 100°C (intermittent) & 90°C (continuous).

(ii) can be made available in maximum size of 2.0 Mtr. x 1.22 Mtr. (width) x 0.45 (height) and in any thickness up to 8.0 MM. The exhaust opening measures approximately 1.0 Mtr. x 0.70 Mtr. in size. They can be up to 70% transparent.



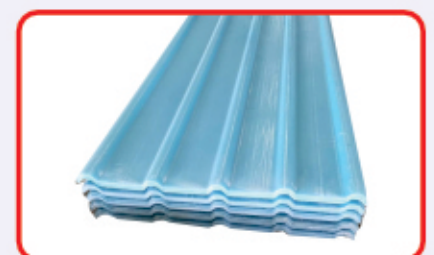
FRP RAIN WATER GUTTERS

- Excellent Durability & customized Designed.
- Anti Rusting & anti-corrosive
- Made out by using UV Stabilized resin works against UV rays of Sun.
- Handle extreme pressure at variable temperature.



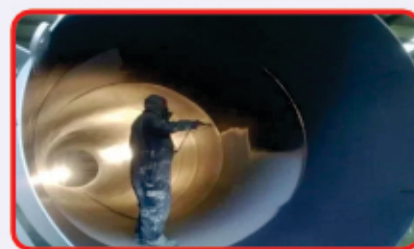
FRP SHEETS (MACHINE MADE & HAND MADE)

- Highly effective in very high corrosive environment
- Mechanical Strong, Fire Proof, excellent impact resistance & UV stabilized.
- Works as natural Daylight in order to save electricity & maintaining better lux level.
- Available in multicolour & various thickness.
- Available in design patterns of Trapezoidal or profile,



FRP LINING / COATING SERVICES

- FRP Lining / Coating can be carried out on surface of RCC, Metal & Plastic.
- Enhance the durability of the product.
- Effective to use in highly corrosive environment.
- Highly demanded in Several Industries for various application Like tank lining in chemical Industries, leak proofing of Roof Tops, Rain water Gutter & Rust treatment of Metal Plants.



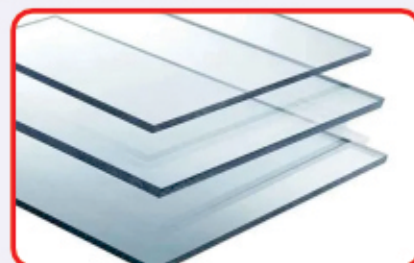
FRP Gutter Lining / Coating

POLYCARBONATE SHEETS

Polycarbonate sheets are manufactured using the best quality raw material. using 100% virgin and U.V. stable granules. The PC sheets are also provided with U.V. Coating to guard against harmful U.V. Rays of Sun. As a result, they do not de-generate rapidly (become yellow and brittle) when exposed to sunlight for long period of time.

POLYCARBONATE PLAIN SHEET (EMBOSSED/COMPACT) ROLLS

- Thickness(mm): 1.2MM, 2MM, 3MM, 4MM up to 16 MM
- Surface Treatment: Film Coated, Clear/Embossed, Clear Diamond
- Dimensions : 1220x30500 / 1600x2440 x 3200x3000
- Colour: Green, Blue, Clear Transparent.



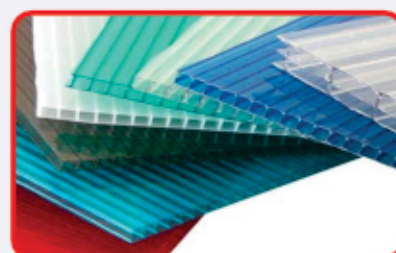
POLYCARBONATE PROFILE (EMBOSSED/COMPACT) SHEETS

	Thickness	Standard Width	Standard length	Standard Colour
Corrugated Sheets	1MM-3MM	915MM-1150MM	2440, 3050, 3660MM	Clear, Blue, Brown Smoke, Green
Profile Sheets	1MM-3MM	1060MM	2460, 3050, 3660MM	Clear, Blue, Brown Smoke, Green



POLYCARBONATE MULTIWALL/MULTICELL SHEETS

- Standard mechanical properties between -40C to and 140C.)
- Mechanical Strong
- Easy Handling And Installation
- Light Weight
- Weather And Storm Proof
- Leakage Proof



VENTILATION LOUVERS

(i) POLYCARBONATE LOUVERS

- Works on Dual working basis Which allows the fresh air to enter into Factory premises. Apart from this, it works also as a Cladding Skylight Panel which can be easily fixed on wall Cladding matching with profile/Corrugation of Existing Metal Cladding Sheet.
- Can be made in Customized sizes width and have additional Feature of UV Coating.
- Mostly provided in standard size of length of 5.5 feet & 3.5 feet width as per Profiling/Corrugation Pattern.



POLYCARBONATE LOUVERS

(i) Metal Louvers

metal louvers are manufactured by using PPGL, PPGI, Aluminum & GP materials in any customized sizes & colours us per the customer requirement

- These Louvers has features to allow fresh air inside factory premises & prevent rain water to enter in it. It helps to exhaust hot air, chemical fumes etc. from working area.



PPGI LOUVERS

RIDGE VENTILATORS

- Excellent Working to Exhausts heat, dangerous fumes smoke and steam.
- Zero maintenance cost.
- Excellent withstand capability against any natural climates, exceptional long durability, high weather ability.
- Available in multiple throat sizes like 300 MM, 600MM, 900MM and 1830MM or (customized according to requirements).
- Maintains the aesthetic qualities of the building.



RIDGE VENTILATOR

METAL PROFILE SHEETS/ COLOUR COATED SHEETS

These sheets are made from galvanized steel, which has a layer of zinc coating applied to it. The zinc coating provides excellent corrosion resistance, making them highly durable and suitable for various weather conditions

Thermal and Acoustic Insulation

Glass wool is an excellent insulation material made from Fiberglass. it is ideally suited from thermal and acoustic insulation commercial and industrial buildings.

FEATURES:-

- Excellent thermal and acoustic insulation properties
- Exemplary tear strength
- High Fire resistance
- Water and vapour proof
- Highly economical as it helps save power meant for cooling purpose
- Odorless and completely inert
- Environmental friendly



FRP DOORS

- Reinforced with PU Foam & Steel for a higher mechanical strength and impact resistance.
- Light weight
- Termite resistance & waterproof
- Fixing is simple as Conventional wooden Doors & can be fixed on any door frames.
- The doors is self-pigmented & available in colour of your choice.
- Doors available with fire Retardant & anti-corrosive properties.



FRP DOORS

FRP / STEEL URINAL

- Easily Assembled, Eco Friendly, Easy Movable.
- Light Weight, Weather Proof, Prefabricated Urinal.
- Materials FRP (Fiberglass Reinforced Plastic) / Steel.
- No bad smell in toilets from the Bio Toilet
- No maintenance required of Bio Toilet
- No requirement of adding bacteria/ enzyme
- No need of removal of solid waste



FRP BIO TOILET

FRP TANKS / SEPTIC TANKS

- High compress resistance.
- Permanent leakage resistance, good sealing property.
- Good environmental protection, easy for clean.
- Material : Metal / FRP of cylindrical shape / Rectangular shape.
- Low Economic index.



FRP SEPTIC TANK



RAGHAV PLAST

CUSTOMERS

RAGHAV PLAST

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