



THE COMPOSITE EXPERT...

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CORROSION FREE **COMPOSITE SOLUTIONS**

# Advantages of FRP/GRP/ FIBERGLASS

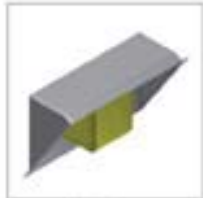
-  Corrosion/Chemical Resistance
-  High Strength
-  Light Weight
-  Electrical Non Conductivity
-  Thermal Non Conductivity
-  EMI/RFI Transparent
-  Ease of Fabrication
-  Low Life Cycle Cost
-  Less Environmental Impact
-  Termite Proof
-  Flame Retardant





# FRP CANOPIES <<

Aeron offer an exclusive range FRP Canopy / Guards which are available in various specifications. Aeron FRP Canopies are non-Corrosive, Life Long, Water Proof, Light Weight, Maintenance Free, Built in paint, better Aesthetic. The use of optimum quality materials in the manufacturing of the FRP Canopy ensures high durability, strength and resistivity to adverse conditions.



Junction Box Canopy



Single Transmitter Canopy



Single Transmitter Canopy (Fab.)



Push Button Canopy



Motor Guard Canopy



Vertical Motor Guard Canopy

## Specification Sheet

Parameters	Specifications
Material Of Construction	FRP
Type Of Resin	Isophthalic/ General Purpose
Glass Fibre	Chopped Strand Matt
Shape & Size	As Required
Colour	Light Grey
Thickness	3 To 5 mm
Louvers	Yes
Handles	Yes
Finish	Outside Smooth Finish (One Sided Finish)
Supporting	As Required At Site By FRP Angles /Channels
Corrosion Resistance	Yes
UV Stabilized	Yes
Moulding Process	Contact Molding Process
Flammability	Low Flammability
Glass Contents	30 To 33%
Oxygen Index	27 To 33
Flame Spread Index	15 To 25

Selection Table For NFLP Motors			
Frame Size	Horse Power		
	3000RPM.	1500RPM	1000RPM
80	1 TO 1.5	0.75 TO 1	0.5 TO 0.75
90	2 TO 3	1.5 TO 2	1 TO 1.5
100	4	3 TO 4	2
112	5.5	5.5	3
132	7.5 TO 10	7.5 TO 10	4 TO 7.5
160	15 TO 25	15 TO 25	10 TO 15
180	30	25 TO 30	20
200	40 TO 50	40	25 TO 30
225	60	50 TO 60	40
250	75	75	50
280	100 TO 125	100 TO 125	60 TO 75
315	150 TO 230	150 TO 230	100 TO 195
355	320 TO 390	305 TO 365	245 TO 285
400	440 TO 520	440 TO 520	380 TO 435

For FLP Motors - Please Consider The Next Higher Size Of Canopy  
For H.T. Motors - Please Advise Us The Dimensions

## FRP Motor Canopy Specification

The size of the MOTOR PROTECTION SHELL is based on the physical dimensions of the motor cover it is so selected that a uniform clearance of at least 50mm is maintained on all sides with respect to the motor body for the purpose of :

- ▶ Proper Circulation Of Air Along With The Louvers
- ▶ For The Ease Of Installation/ Lifting

It should cover the motor fully to protect from

- ▶ Rain water ▶ Chemical or water spillages
- ▶ Accidental fall of some material or the hit of some flying object under abnormal circumstances



FIBERGLASS  
ADVANTAGE



SUCCESS IS ALL  
ABOUT MAKING  
**RIGHT CHOICES!**

## WHY AERON

- » DESIGN & ENGINEERING SERVICE
- » CUSTOM SOLUTIONS
- » SHORT DELIVERY PERIOD
- » FABRICATION & ASSEMBLY
- » HIGH QUALITY
- » OPTIMUM INVESTMENT

Grow with us..





Fiberglass  
Cable Tray



Fiberglass  
Structural Profiles



Fiberglass  
Ladder



Trefoil Clamp



Fiberglass  
Handrails



Fiberglass  
Pultruded Gratings



Fiberglass  
Canopy



Fiberglass  
Fencing



Fiberglass  
Molded Gratings



Fiberglass  
Poles & Mast



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