



# Shutter Aluminium

Stay cool with topcool



**Name: Shutter**

**Size: 12-96"**

**Detail product:**

Topcool shutters are used to restrict airflow in one direction. We can use in 2 different applications as inlet for fresh air or exhaust air.

Several configurations are available with different material;

1. Complete aluminum frame and louver
2. Mix of aluminum extrusion and PVC louver
3. Complete PVC frame and louver

**Optimum application:**

Topcool shutter series can be used in livestock, horticulture, commercial and industrial application. Shutter provides energy efficient at low cost.

**Other environment:**

All shutter are ship completely assembled. Easy to install.

We are able to replace your existing old shutter with the new one. Our flexible manufacturing process, we are able to built all size form 10" to 78". We can fit on all model of exhaust fan.

**Topcool Aluminium features series :**

1. The aluminium frame is constructed with brushed aluminium extrusion.
2. The 4 corner are weld and have a stainless steel reinforced to offer better durability
3. All louver are made with aluminium material.
4. Louvers are interlocking and made with roll forming process, this give high strain
5. All louver are opened and closed in the same time with central tie bar eliminates the louvers flapping. Central tie bar open and close in the same time and eliminates the louvers flapping.
6. Stainless steel #304 hardware.
7. Nylon bushing on each louver
8. Pivots are built with solid stainless steel shaft #304, this offer extra protection and smooth performance
9. On all large model, Topcool innovate internal rivet. O-ring prevent louver to slip off from the support.

**Optional accessories:**

1. Shutter motor kits available for automated opening/closing
2. OSHA safety guard
3. Shutter quick fixation for easy installation and maintenance equipment
4. Other configuration available on request.

## FAN SHUTTER (COMPLETE ALUM)



Constructed of heavy-duty brushed aluminum

Strong welding at the corner

0.5 mm louver

aluminum extrusion linkage

economic shutter fan

complete aluminum frame and louver

4 reinforcement S.S#304 corner

S.S#304 hardware pin and rivet, nylon bushing

can be mechanical opening on option

Lightweight and designed for easy installation

Various sizes are available, ranging 300~2400mm

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# Shutter PVC

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**Name: Shutter**

**Size: 12-96"**

**Detail product:**

Topcool shutters are use to restrict airflow in one direction. We can use in 2 different applications as inlet for fresh air or exhaust air.

Several configurations are available with different material;

1. Complete aluminum frame and louver
2. Mix of aluminum extrusion and PVC louver
3. Complete PVC frame and louver

**Optimum application:**

Topcool shutter series can be used in livestock, horticulture, commercial and industrial application. Shutter provides energy efficient at low cost.

**Other environment:**

All shutter are ship completely assembled. Easy to install.

We are able to replace your existing old shutter with the new one. Our flexible manufacturing process, we are able to built all size form 10" to 78". We can fit on all model of exhaust fan.

**Topcool AL-PVC features series 50" and more:**

1. The aluminium frame is constructed with brushed aluminium extrusion.
2. All louver is made with PVC with U.V protection.
3. Central tie bar open and close louver in the same time and eliminates the louvers flapping, (model 36" and more).
4. Stainless steel #304 hardware.
5. Internal composite fiber use as pivot on each louver
6. Bass O-ring are use inside the aluminum frame to offer smooth operation
7. The 4 corner have a stainless steel turning to offer better durability
8. On large model, Topcool innovate internal rivet an O-ring prevent louver to slip off the support.

**Topcool PVC features series 12-to 50":**

1. The PVC frame are constructed with PVC extrusion.
2. All louver are made with PVC.
3. Self anti rotation flap louver are for the small model 12-36"
4. Central tie bar open and close in the same time all louver and eliminates the louvers flapping, model 36" and more.
5. Internal composite fiber use as pivot on each louver
6. The 4 corner have a stainless steel turning to offer better durability
7. On large model, Topcool innovate internal riv

**FAN SHUTTER (ALUM FRAME,PVC LOUVER)**



Frame Made of aluminum extrusion, PVC extrusion louver

S. S#304 hardware

HDPE linkage

fiber glass rod

color can be white or black

Various sizes are available, ranging 300-2400mm





# Shutter

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## FEATURE POINTS



A) Post mounting

B) Shutter clip



\*Picture for reference only.

The products show in this brochure are covered by a limited warranty.  
Due to our continual effort to provide better products and service; literature, products, performance data, prices and availability are subject to change without notice.  
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**Representative:**

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