



VentaDoor®

Lightweight industrial single and double steel doorsets for the protection and ventilation of utility buildings.



INDUSTRIAL



VENTILATION



Applications

- Sub-stations
- Plant and boiler rooms
- Transformer chambers
- Electrical utility rooms
- Oil stores
- Gas cylinder storage
- Pump rooms
- Rubbish bin stores



VentaDoor®

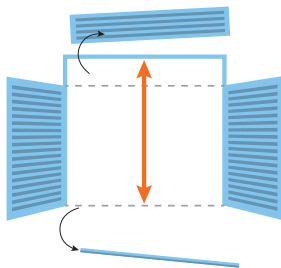
General Features

- Lightweight design making it easy to handle and suitable for remote locations
- Corrosion resistant to withstand extreme weather conditions or areas with high humidity
- Removable threshold and overpanel to allow access by large plant
- Low maintenance
- A range of applications
- Simple site assembly with easy to follow assembly instructions

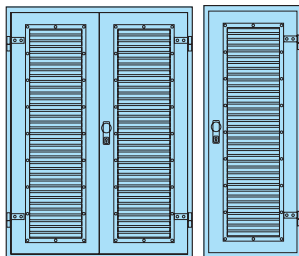
Lock Options

Various locking features, including panic bars, are available and other extras such as door stays and closers can be fitted.

Adaptability



The demountable frame allows easy removal of the threshold, transom and overpanel to allow access for large plant. This also makes the VentaDoor® easy to install in areas with restricted access i.e. stairwells etc. Overpanels can be supplied as plain or louvred.



Strength

The strength and lightness of the VentaDoor® is achieved by manufacturing the door with a lighter gauge steel and using strategic folding techniques. Its lightweight design reduces the need for fork-lift transportation on site. Minimal space is required for storage.

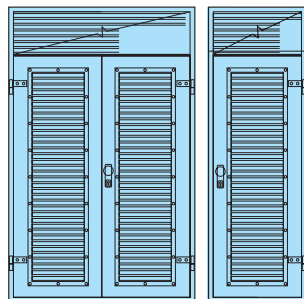
Longevity

The door leaf and louvre components are manufactured using Aluzinc®, a steel sheet material with an aluminium/zinc coating. This gives them a high degree of corrosion resistance. Aluzinc® can have a life expectancy of up to 20 years in most environments.

The nature of the coating means that the cut edges 'heal' and remain rust-free.

Welding is kept to a minimum to avoid the removal of protective coatings by the welding process. Added strength is given by the use of stainless steel rivets.

The demountable steel frame allows each component to be individually electro zinc plated which increases the corrosion resistance.



Composite construction

By using standard off the shelf components, the VentaDoor® can be offered with reduced lead times.

Door Leaf

Thickness: 20mm

Material: Aluzinc®

Ventilation: Full length louvred panel giving 0.83 m² ventilation with vermin mesh to rear.

Reduced Ventilation: High or low level blanking panels reduce ventilation whilst maintaining external visual appearance.

Finish: Powder coat to standard RAL or BS colour.

Hinges: Two heavy duty steel hinges per leaf.

Demountable Frame

Material: Electro zinc plated steel.

Head: Flat on doors with overpanels, angle on doors without overpanels.

Jamb and Threshold: 40 x 40mm steel angle.

Transom: Removable transom for plant access (overpanel version).

Finish: Powder coat to standard RAL or BS colour.

Fixings: M8 sleeve anchors (supplied).

Structural Opening Sizes

(mm)	Width	Height (with overpanel)	Height (without overpanel)
Single leaf	797	2475	2100
Double leaf	1585	2475	2100

Locking Options

For single door sets and active leaf of double door sets

Internal	External
Two way lock	Standard hasp and staple* or Briton knob with Europrofile cylinder
Panic bar	Sunray 6000 hasp and staple** or Briton knob with Europrofile cylinder

* Standard hasp and staple gives a third locking point externally on the double doorset.

** These devices allow external locking but do not affect the panic exit function from within a building. Passive leaf of double doors has two-way quick release locking.



VentaDoor® single doorset.



Sunray 6000 hasp and staple.

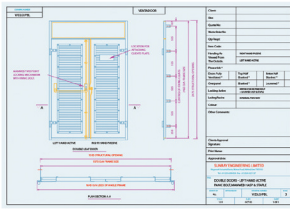


Panic bar and two-way quick release.



Removable threshold.

Bespoke design services



Complementing our standard door ranges we also offer a complete, bespoke design service to suit specific client needs or to overcome site/building constraints.

Sunray installation service



We offer an installation service covering our steel door, louvre systems and ExcluDoor® security door ranges.

Work is carried out by our own qualified factory-skilled operatives, not sub-contractors.

Procedures are audited and our installation process is approved and certified by CHAS, Safe Contractor, Achilles Builders Confidence and Achilles UVDB.

Sunray's Installation Service is certified by the LPCB/BRE to LPS 1271 for security doors.

Nationwide delivery service

Specialist transport including arctics, curtain sidlers with Moffett facility, flat bed lorries with HIAB facility and lightweight vans including Crossrail compliant vehicles.



VentaDoor® doorset with optional removable overpanel.



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