

The high fire-resistance ensures that the temperature inside the vault room remains **below 80°C** in the event of a fire.

The heat resistance standard for cultural properties is 80°C or less. If the temperature inside the gallery vault in case of a fire is kept below 80°C, most cultural properties can be protected from deterioration.

GALLERY VAULT DOOR

EC100-W/EC160-W
EC100-S/EC160-S

Fire resistance performance designed from the perspective of cultural property preservation

The heat resistance standard for most cultural properties is 80°C or less. Kumahira gallery vault doors have been certified by the Federation of Japan Safe Furniture Cooperatives as 2-hour or 1-hour fire resistant products. The temperature inside the vault is kept below 80°C in the event of a fire, preventing deterioration of cultural properties.

High airtightness performance

The clamp device and moisture-proof gasket provide high airtight performance.

The doors meet JIS airtightness test grade A-4, reducing air conditioning costs and preventing moisture and the inflow of contaminants when the air conditioning is turned off.

Good work efficiency for transporting cultural properties

Equipped with a moisture-proof gasket that moves up and down in conjunction with the opening and closing of the door, there is no floor difference, allowing smooth entry and exit. Also, a small entrance door for users can be installed as an option on the large doors.

Product Specifications

| Model | Outer dimensions(mm) | Clear opening(mm) |
|--------------------|----------------------|-------------------|
| EC100-WL/EC160e-WL | 3360W x 3242H | 3000W x 3000H |
| EC100-WM/EC160e-WM | 2860W x 2742H | 2500W x 2500H |
| EC100-WS/EC160e-WS | 2160W x 2242H | 1800W x 2000H |
| EC100-SL/EC160e-SL | 1930W x 3242H | 1500W x 3000H |
| EC100-SM/EC160e-SM | 1680W x 2742H | 1250W x 2500H |
| EC100-SS/EC160e-SS | 1330W x 2242H | 900W x 2000H |

EC160e

Fire-resistance: 2CH (2-hour)

Burglar-resistance: TLV-15 (Tool endurance)

* These performances are certified by the Federation of Japan Safe Furniture Cooperatives.

EC100

Fire-resistance: 1CH (1-hour)

Burglar-resistance: TLV-15 (Tool endurance)

* These performances are certified by the Federation of Japan Safe Furniture Cooperatives.



EC160e-W (double doors image)



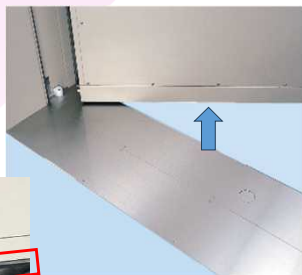
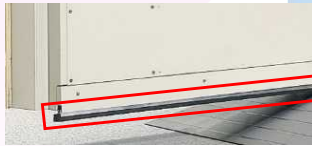
EC160e-S (single door image)

Kumahira

Main Specifications

No-step threshold and moisture-proof gasket

The moisture-proof gasket moves up and down in conjunction with the opening and closing of the door, and the threshold is flat and step-free.



* The moisture-proof gasket comes down while the door is closed.

Emergency unlocking device (Free-escape)

Even if you are locked inside the gallery vault room, you can open the door by operating the handle inside the room to exit.



Locking device

One million changeable combination lock and a cylinder lock are equipped.



Main Optional Items

Inner Door

Steel or wooden door, with a choice of insect screen or acrylic panel, is available. And a bug proofing is equipped in the gap between the inner door and the main frame.



Small Entrance Door

This option can only be equipped on the large door model. Using it when people are entering and exiting a gallery vault room improves work efficiency.



Kumahira provides total support for the preservation of cultural properties with our gallery vault equipment and exhibition equipment.

To protect "Irreplaceable values," we offer a wide range of solutions for the preservation of cultural properties, from storage to display.



Specifications are subject to change without prior notice for quality and functional improvements.

Contact us

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