

Controlled Atmosphere Storage Door (CA Room Door)

The Controlled Atmosphere Storage Door (CA Room Door) for preservation adopts advanced preservation technology which has special performance on airtightness and open/close.

The door leaf has polyurethane integral foam for insulation, and the door frame is fully made of aluminum alloy. The track is made of aluminum alloy (open: slide upward and outward; close: slide downward and inward), which makes the opening and closing of the door leaf more flexible.

The airtight strip adopts special high-quality sealing strips with high compression resistance, high elasticity, low temperature resistance, and corrosion resistance, which makes superior performance on airtightness.

It is the most ideal option as a door for controlled atmosphere storage at present.



Technical Specification

Dimension: customized according to diameter of doorway

Thickness: 100/120/150 mm

Door Handling: single/flat opening (with rotary shaft)

Material of Door Panel: aluminum alloy (anodized and anti-corrosion treated)

Material of Surface Panel: 304 stainless steel/color steel/embossed aluminum

Material of Frame: purging aluminum alloy (anodized and anti-corrosion treated)

Upper Track: light/heavy duty track (anodized and anti-corrosion treated)

Down Track: side track (anodized and anti-corrosion treated)

Ground Sill: Special for controlled atmosphere storage / CA room door

Observation window: aluminum structure, hollow double-layer tempered glass

Material of Door Leaf: Insulated flame retardant polyurethane (capacity 40kg/m³+2)

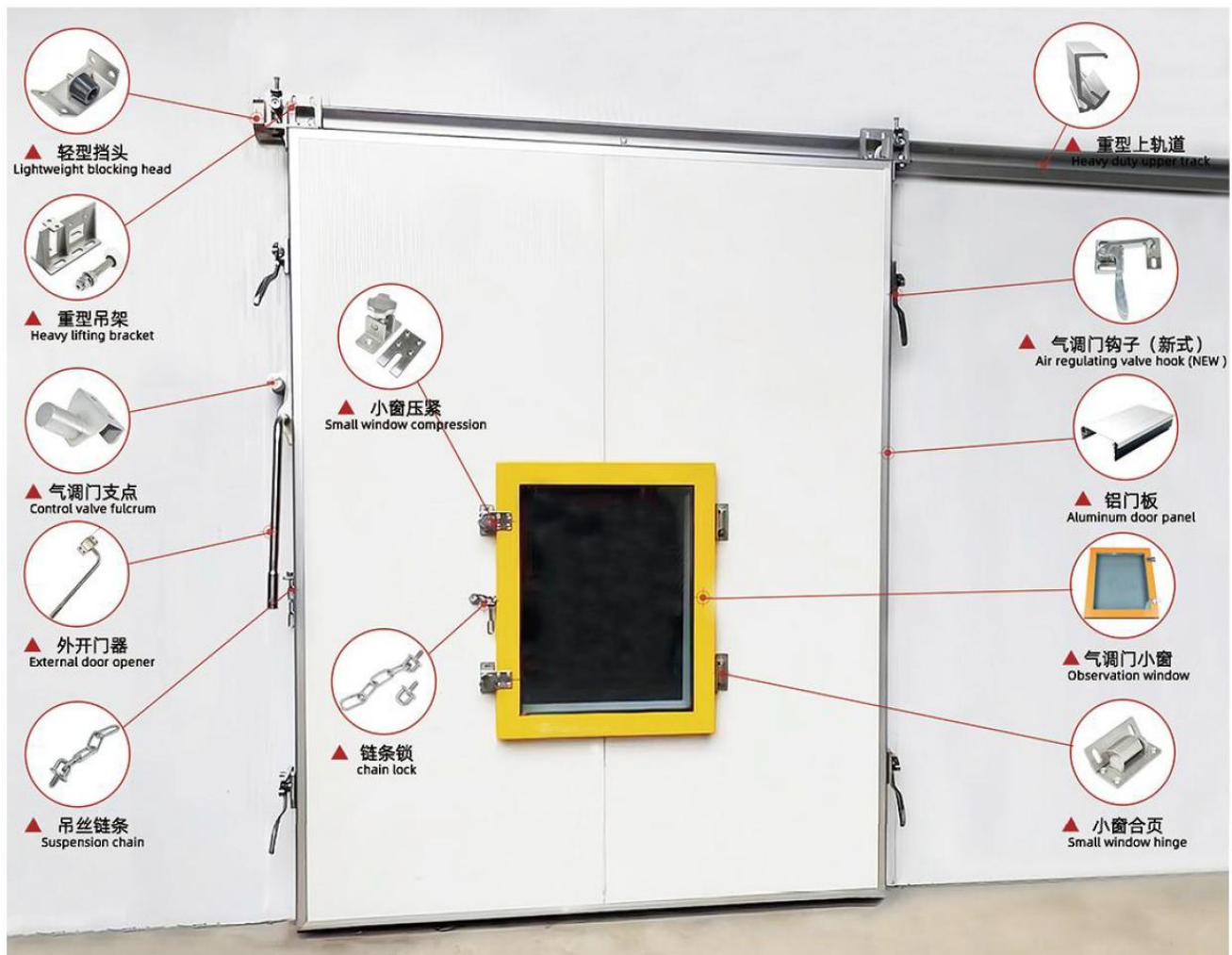
Material of Seal: EPDM (special for controlled atmosphere storage / CA room door)

Safety Device: inner pull handle

Electric Control System: Optional

Air curtain: color steel/stainless steel air curtain (optional)

Accessories Arrangement of Controlled Atmosphere Storage Door





Fitting Effect of Controlled Atmosphere Storage Door

