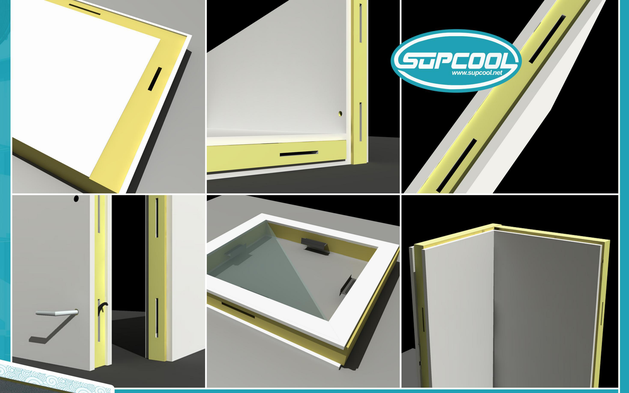
# Cold Room



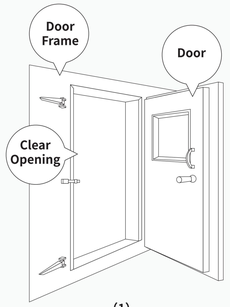




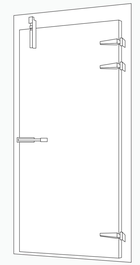
Product Description:

- ★ Polyurethane sandwiched panels are of 100% polyurethane insulation, which is constructed by being foamed in place with retarded polyurethane using high pressure. Average density is 45kg/m³;
- ★ The standard panel width is 960mm, the maximum lengths of panels are provided 6m till now. Also the thickness can reach 100mm/150mm;
- ★ Besides the standard ones, customized panels are also available. As for the surface material, you can choose either one among stainless steel plate, painted galvanized mild steel and embossing aluminum plate;
- ★ Every panel consists of tongue and groove construction and can be tightened by a number of eccentric fasteners, which may be screwed easily with a hexagonal key.

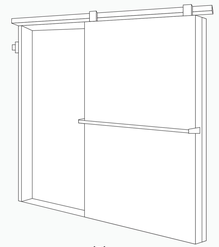
*Supcool Refrigeration Equipment Factory*



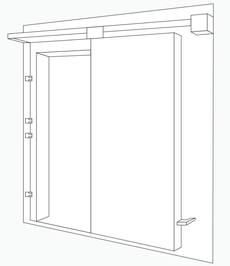

(1)



(2)



(3)



(4)

## Standard Hinged Door

| Part Model | Door Frame Dimension(mm) | Clear Opening Dimension(mm) |
|---|---|---|
| **L700** | 790×1790 | 700×1700 |
| **L900** | 1000×2000 | 900×1900 |

**To be adjusted as per specific requirement
Heat insulation material: Polyurethane(Thickness:100mm) Surface Material: Painted Galvanized Mild Steel

## Automatically Swing Door

| Part Model | Door Frame Dimension(mm) | Door Opening Dimension(mm) |
|---|---|---|
| **H700** | 790×1790 | 700×1700 |
| **H900** | 1000×2000 | 900×1900 |

**To be adjusted as per specific requirement
Heat insulation material: Polyurethane(Thickness:100mm) Surface Material: Painted Galvanized Mild Steel

## Standard Manuel Sliding Door

| Part Model | Door Frame Dimension(mm) | Clear Opening Dimension(mm) |
|---|---|---|
| **MS900×1040** | 1040×2040 | 900×1900 |
| **MS1040×1180** | 1180×2040 | 1040×1900 |
| **MS1200×1340** | 1340×2140 | 1200×2000 |
| **MS1500×1640** | 1640×2140 | 1500×2000 |

## Automatically Sliding Door

| Part Model | Door Frame Dimension(mm) | Clear Opening Dimension(mm) |
|---|---|---|
| **AS900×1040** | 1040×2040 | 900×1900 |
| **AS1040×1180** | 1180×2040 | 1040×1900 |
| **AS1200×1340** | 1340×2140 | 1200×2000 |
| **AS1500×1640** | 1640×2140 | 1500×2000 |

**To be adjusted as per specific requirement
Heat insulation material: Polyurethane(Thickness:100mm) Surface Material: Painted Galvanized Mild Steel



## Door Hinges

| Part No. | Description |
|---|---|
| FC-306 | Reversible Reach-in Edge moumt Can-lift Hinge |
| FC-1132 | Reversible Reach-in Edge moumt Can-lift Hinge |
| FC-1332 | Reversible Reach-in Edge moumt Can-lift Hinge(high 32mm) |
| FC-1336 | Reversible Reach-in Edge moumt Can-lift Hinge(high 36mm) |
| FC-1238 | Reversible Reach-in Plane Hinge |
| FC-1230S | Reversible Reach-in Plane Hinge(with spring) |
| FC-201 | Reversible Reach-in Plane Hinge(w/o spring) |
| FC-1424 | Cam-Lift Hinge 24mm |
| FC-380 | Cam-Lift Hinge 32mm |
| FC-1432 | Cam-Lift Hinge 32mm |
| FC-1470 | Reach-in door hinge, adjustable height from 40 to 70 mm, Zinc body. |
| FC-1460 | Reach-in door hinge, adjustable height from 32 to 60 mm, Zinc body. |
| FC-1450 | Reach-in door hinge, adjustable height from 32 to 50 mm, Zinc body. |
| FC-8064-1 | Hinge for flush door, width 100mm, length 100mm, stainless steel. |
| FC-650(3.5) | Refrigerator spring hinge, spring diameter: 3.5mm |
| FC-650(4.0) | Refrigerator spring hinge, spring diameter: 4.0mm |
| FC-650(5.0) | Refrigerator spring hinge, spring diameter: 5.0mm |

## Door Latches

| Part No. | Description |
|---|---|
| FC-1178 | Safety latches with inside release handle, adjustable height from 35mm to 70mm, Zinc body |
| FC-1200 | Edge mount mechanical latches, adjustable height from18mm to 22mm, Zinc body |
| FC-1250 | Edge mount mechanical latches, adjustable height from18mm to 22mm, Zinc body |
| FC-1240 | Edge mount mechanical latches, adjustable height from18mm to 22mm, Zinc body |
| FC-1060 | 6" Lever & Roller latches, Zine body |
| FC-1040 | 4" Lever & Roller latches, Zine body |
| FC-1400 | Edge mount mechanical latches, adjustable height from 26mm to 36.5mm, Zinc body |
| FC-1061 | Edge mount mechanical latches, adjustable height from 26mm to 36mm, Zinc body |
| FC-3-0681 | Edge mount mechanical latches, adjustable height from 26mm to 36mm, Zinc body |
| FC-3-0680 | Edge mount mechanical latches, adjustable height from 26mm to 36mm, Zinc body |
| FC-4000 | Safty latch |
| FC-4100 | Safty latch |
| FC-4255 | Safty latch |

## Pressure Ventilator for Coldroom



| | |
|---|---|
| FC-110 | Aluminum Alloy Surface |
| | Stainless Steel Filter |
| | Electric Heater to Prevent Frozen(220V/36W) |



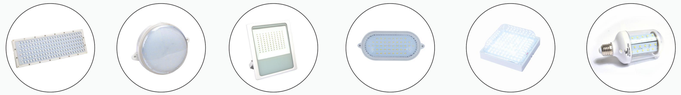
| | |
|---|---|
| FC-220 | Abs Frame |
| | Stainless Filter |
| | Electric Heater to Prevent Frozen(220V/36W) |





## LED Light

| | |
|---|---|
| LED-401 | • Voltage:220V/110V/36V<br>• Power:8W<br>• Frequency:50Hz/60Hz<br>• Temperature:6000-6500K<br>• Display:more than 70<br>• Light flux:800LM<br>• Protection level:IP68<br>• Used in < 4M height coldroom<br>• Operating temperature:-20° to 40°<br>• Service lifetime:10000 hours |
| LED-407 | • Voltage:220V/110V<br>• Power:20W<br>• Frequency:50Hz/60Hz<br>• Temperature:6000-6500K<br>• Display:above 70<br>• Light flux:2000LM<br>• Protection level:IP68<br>• Used in < 4M height coldroom<br>• Operating temperature:-20° to 40°<br>• Service lifetime:10000 hours |
| LED-420 | • Voltage:220V/110V<br>• Power:36W<br>• Frequency:50Hz/60Hz<br>• Temperature:6000-6500K<br>• Display:above 70<br>• Light flux:3600LM<br>• Protection level:IP65<br>• Used in < 4M height coldroom<br>• Operating temperature:-20° to 40°<br>• Service lifetime:10000 hours |
| LED-501 | • Voltage:220V/36V<br>• Power:15W<br>• Frequency:50Hz<br>• Temperature:6000-6500K<br>• Display:above 70<br>• Light flux:3000LM<br>• Protection level:IP65<br>• Used in < 5M height coldroom<br>• Operating temperature:-20° to 40°<br>• Service lifetime:10000 hours |
| LED-601 | • Voltage:220V/110V<br>• Power:30W<br>• Frequency:50Hz /60Hz<br>• Temperature:6000-6500K<br>• Display:more than 70<br>• Light flux:3000LM<br>• Protection level:IP65<br>• Used in 6M to 8M height coldroom<br>• Operating temperature:-20° to 40°<br>• Service lifetime:10000 hours |
| LED-1102 | • Voltage:220V/110V<br>• Power:100W<br>• Frequency:50Hz<br>• Temperature:6000-6500K<br>• Display:more than 70<br>• Light flux:9000LM<br>• Protection level:IP65<br>• Used in < 8M height coldroom<br>• Operating temperature:-20° to 40°<br>• Service lifetime:10000 hours |



| Mini Type No. | Length(cm) | Power Supply | Luminous Flux | Emitting Color | LED Type | LED Amount | Voltage(v) | Temperature Range |
|---|---|---|---|---|---|---|---|---|
| LED-3528-5009 | 50 | 2.4 | 160lm | Cold / Warm White | SMD3528 | 30 caps | DC12V | - 30~60° C |
| LED-3528-1009 | 100 | 4.8 | 320lm | Cold / Warm White | SMD3528 | 60 caps | DC12V | - 30~60° C |
| LED-3528-15009 | 150 | 7.2 | 450lm | Cold / Warm White | SMD3528 | 90 caps | DC12V | - 30~60° C |

| Triangle Type No. | Length(cm) | Power Supply | Luminous Flux | Emitting Color | LED Type | LED Amount | Voltage(v) | Temperature Range |
|---|---|---|---|---|---|---|---|---|
| LED-3528-5010 | 50 | 2.4 | 140lm | Cold / Warm White | SMD3528 | 30 caps | DC12V | - 30~60° C |
| LED-5050-5010 | 50 | 7.2 | 430lm | Cold / Warm White | SMD5050 | 30 caps | DC12V | - 30~60° C |
| LED-3528-10010 | 100 | 4.8 | 280lm | Cold / Warm White | SMD3528 | 60 caps | DC12V | - 30~60° C |
| LED-5050-10010 | 100 | 14.4 | 850lm | Cold / Warm White | SMD5050 | 60 caps | DC12V | - 30~60° C |
| LED-3528-15010 | 150 | 7.2 | 430lm | Cold / Warm White | SMD3528 | 90 caps | DC12V | - 30~60° C |
| LED-5050-15010 | 150 | 21.6 | 1250lm | Cold / Warm White | SMD5050 | 90 caps | DC12V | - 30~60° C |
| LED-3528-15009 | 150 | 7.2 | 450lm | Cold / Warm White | SMD3528 | 90 caps | DC12V | - 30~60° C |

| U Type No. | Length(cm) | Power Supply | Luminous Flux | Emitting Color | LED Type | LED Amount | Voltage(v) | Temperature Range |
|---|---|---|---|---|---|---|---|---|
| LED-3528-5011 | 50 | 2.4 | 140lm | Cold / Warm White | SMD3528 | 30 caps | DC12V | - 30~60° C |
| LED-5050-5011 | 50 | 7.2 | 430lm | Cold / Warm White | SMD5050 | 30 caps | DC12V | - 30~60° C |
| LED-3528-10011 | 100 | 4.8 | 280lm | Cold / Warm White | SMD3528 | 60 caps | DC12V | - 30~60° C |
| LED-5050-10011 | 100 | 14.4 | 850lm | Cold / Warm White | SMD5050 | 60 caps | DC12V | - 30~60° C |
| LED-3528-15011 | 150 | 7.2 | 430lm | Cold / Warm White | SMD3528 | 90 caps | DC12V | - 30~60° C |
| LED-5050-15011 | 150 | 21.6 | 1250lm | Cold / Warm White | SMD5050 | 90 caps | DC12V | - 30~60° C |

Remark: Coldroom temp. -25°C ; △ T =6°C