



**Falcon Gold**  
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**FIRE CABINET**

A P R O D U C T O F F a l c o n G o l d 2 0 2 5

# **- MATERIAL SUBMITTAL FOR FIRE EXTINGUISHER CABINET**

- **PRODUCT:**

- **FG-400SG**

- **FG-400M**

- **FG-400S**

- **TECHNICAL DATA SHEETS (CATALOGUES).**



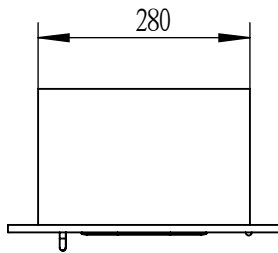
## **Falcon Gold**

# - FG-400SG - FG-400M - FG-400S

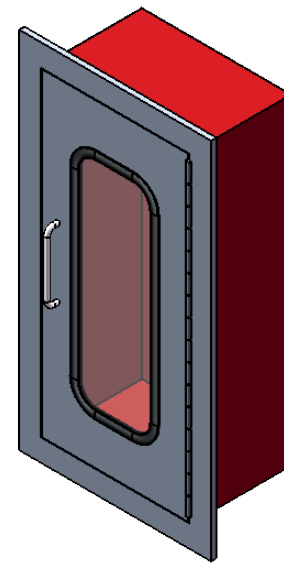
SINGLE DOOR, RECESSED FIRE EXTINGUISHER CABINET, CONSTRUCTED FROM HIGH-QUALITY 1.2 MM STAINLESS STEEL AND MILD STEEL, ENSURING SUPERIOR STRENGTH & LONGEVITY. DESIGNED FOR SEAMLESS WALL INTEGRATION, PROVIDING A SLEEK AND SPACE-EFFICIENT INSTALLATION. EQUIPPED WITH A SECURE ROUND LOCK FEATURING A CLEAR "OPEN/CLOSE" MARKING FOR USER-FRIENDLY OPERATION. AVAILABLE IN THREE CONFIGURATIONS: A FULL STAINLESS STEEL DOOR WITH EXTINGUISHER MARKING, A RED POWDER-COATED STEEL DOOR WITH EXTINGUISHER MARKING, AND A STAINLESS STEEL DOOR WITH A FIBER GLASS VISION PANEL FOR ENHANCED VISIBILITY. ENGINEERED FOR DURABILITY, CORROSION RESISTANCE, AND QUICK ACCESSIBILITY IN EMERGENCY SITUATIONS, MAKING IT AN ESSENTIAL SAFETY SOLUTION FOR VARIOUS ENVIRONMENTS.



Note: All critical dimensions are marked with "\*\*"




Technical drawing of a rectangular box. The drawing shows a front view and a side view. The front view is a rectangle with a width of 190 and a height of 600. The side view is a rectangle with a width of 180 and a height of 600. The dimensions are indicated by arrows and numbers.



其余 6.3

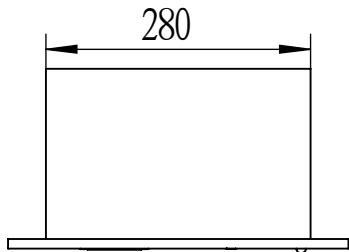
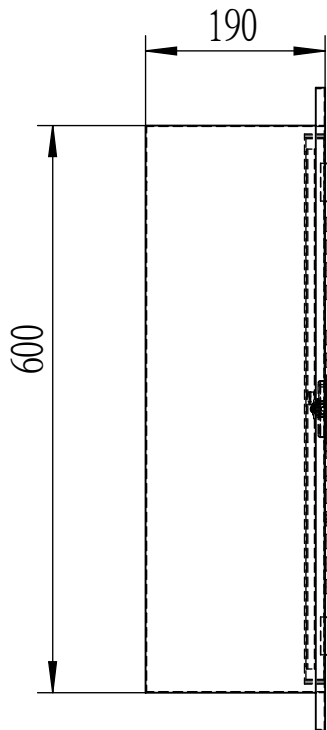
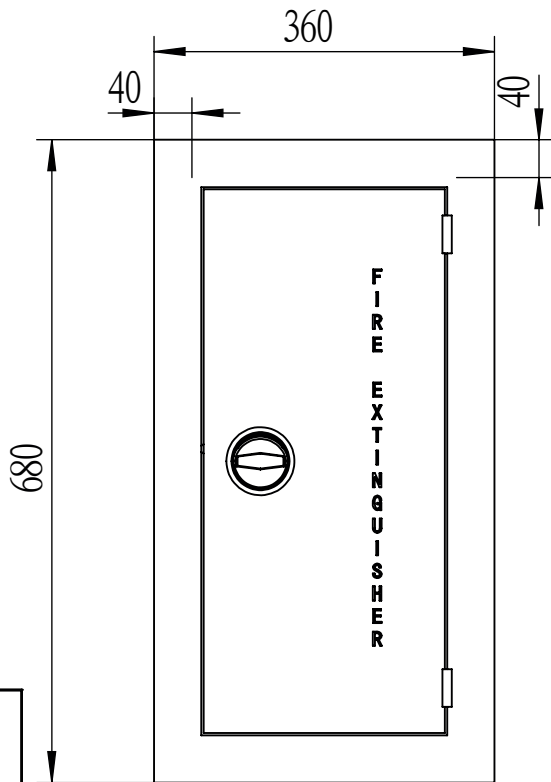
Technical requirements:

1. Cabinets body made of 1.2mm mild steel and RAL3000 powder coated.
2. Cabinet architrave and door 304 stainless steel 1.2mm, brush finish.
3. The welding of the fire cabinets shall adopt argon welding, free of cracks, pores, welding slag residue, or missing welding;
4. Cabinet supplied with round S.S round lock and S.S piano hinge .
5. After the overall powder coating, the fire cabinet surface color should be uniform and there should be no defects such as bubbles, sagging, scratches, etc.;
6. Drill 2-  $\phi$  10 holes at the base of the fire cabinet for drainage; Equipped with guide pins and four mounting holes on the back plate;
7. The printing on the fire cabinet door refer to the manufacturing order;
8. Cabinet door shall be equipped with fiber glass 155x435x4xR40mm surrounded with black embedded strip.

|     |               |          |         |         |      |  |  |                   |         |          |            |
|-----|---------------|----------|---------|---------|------|--|--|-------------------|---------|----------|------------|
| △   |               |          |         |         |      | Name   | Recessed Mounted Fire Cabinet, 280x600x180 |                   |         | Approve  |            |
| △   |               |          |         |         |      |  |  |                   |         |          |            |
| △   |               |          |         |         |      | Material   | SUS304 1.2+<br>SPCC 1.2mm                  | Surface<br>Colour | RAL3000 | Design   | Chen Ting  |
| △   |               |          |         |         |      |  |  |                   |         |          | 2024.10.11 |
| △   |               |          |         |         |      | Drawing<br>No.   | CSJC-24XF45-145                            | Unit              | mm      | Draw     | Chen Ting  |
| △   |               |          |         |         |      |  |  | Proportion        | 1:10    |          | 2024.10.11 |
| △   |               |          |         |         |      |  <b>Falcon Gold</b> |  |                   |         | Revision | A          |
| NO. | Original Size | Modified | Revisor | Auditor | Date |  |  |                   |         |          |            |


| Tolerance for Cutting parts(mm) |       |         |          |           | Tolerance for forging parts(mm) |         |          |      | Tolerance for injection parts(mm) |       |         |          |      |
|---------------------------------|-------|---------|----------|-----------|---------------------------------|---------|----------|------|-----------------------------------|-------|---------|----------|------|
| Size Range 0-6                  | >6-30 | >30-100 | >100-300 | >300-1000 | Size Range 0-30                 | >30-100 | >100-300 | >300 | Size Range 0-10                   | 10-50 | >50-200 | >200-500 | >500 |
| Tolerance ±0.05                 | ±0.1  | ±0.2    | ±0.3     | ±0.5      | Tolerance ±0.5                  | ±1.0    | ±2.0     | ±3.0 | Tolerance ±0.3                    | ±0.5  | ±1.0    | ±2.0     | ±3.0 |

Note:All critical dimensions are marked with \*



Technical requirements:

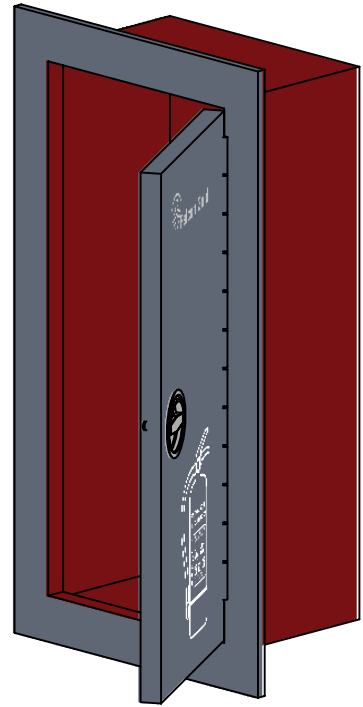
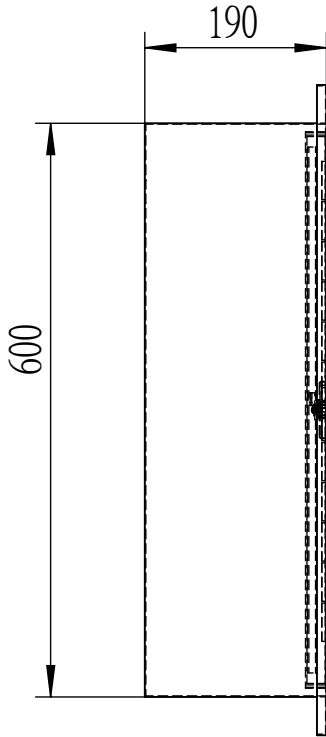
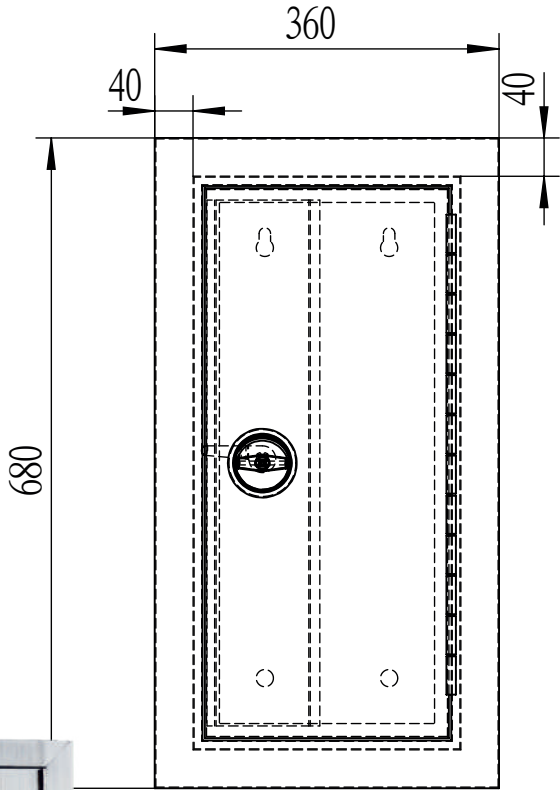
1. All fire cabinets are made of 1.2mm mild steel sheet with RAL3000 red powder coating;
2. The welding of the fire cabinets shall adopt argon welding, free of cracks, pores, welding slag residue, or missing welding;
3. The fire cabinet is equipped with stainless steel round lock model no. C and welded round bar hinges;
4. After the overall powder coating, the fire cabinet surface color should be uniform and there should be no defects such as bubbles, sagging, scratches, etc.;
5. Drill 2-  $\phi$  10 holes at the base of the fire cabinet for drainage; Equipped with guide pins and four mounting holes on the back plate;
6. The printing on the fire cabinet door refer to the manufacturing order;

|     |               |          |         |         |      |             |  |                |         |          |                |  |
|-----|---------------|----------|---------|---------|------|-------------|--|----------------|---------|----------|----------------|--|
| △   |               |          |         |         |      | Name        | Recessed Mounted Fire Cabinet, 280x600x180   |                |         | Approve  |                |  |
| △   |               |          |         |         |      |             |  |                |         |          |                |  |
| △   |               |          |         |         |      | Material    | SPCC1.2MM  | Surface Colour | RAL3000 | Design   | Zhou zhi qiang |  |
| △   |               |          |         |         |      |             |  |                |         |          | 2023.03.01     |  |
| △   |               |          |         |         |      | Drawing No. |  <b>Falcon Gold</b> | Unit           | mm      | Draw     | Zhou zhi qiang |  |
| △   |               |          |         |         |      |             |  | Proportion     | 1:8     |          | 2023.03.01     |  |
| △   |               |          |         |         |      |             |  |                |         | Revision | A              |  |
| NO. | Original Size | Modified | Revisor | Auditor | Date |             |  |                |         |          |                |  |

- FG-400M

| Tolerance for Cutting parts(mm) |       |       |         |          |           | Tolerance for forging parts(mm) |      |         |          |      | Tolerance for injection parts(mm) |      |       |         |          |
|---------------------------------|-------|-------|---------|----------|-----------|---------------------------------|------|---------|----------|------|-----------------------------------|------|-------|---------|----------|
| Size Range                      | 0-6   | >6-30 | >30-100 | >100-300 | >300-1000 | Size Range                      | 0-30 | >30-100 | >100-300 | >300 | Size Range                        | 0-10 | 10-50 | >50-200 | >200-500 |
| Tolerance                       | ±0.05 | ±0.1  | ±0.2    | ±0.3     | ±0.5      | Tolerance                       | ±0.5 | ±1.0    | ±2.0     | ±3.0 | Tolerance                         | ±0.3 | ±0.5  | ±1.0    | ±2.0     |

Note:All critical dimensions are marked with “\*”



- Technical requirements:
- Cabinets body made of 1.2mm mild steel and RAL3000 powder coated.
  - Cabinet architrave and door 304 stainless steel 1.2mm, brush finish.
  - he welding of the fire cabinets shall adopt argon welding, free of cracks, pores, welding slag residue, or missing welding;
  - Cabinet supplied with round S.S round lock and S.S piano hinge .
  - After the overall powder coating, the fire cabinet surface color should be uniform & there should be no defects such as bubbles, sagging, scratches, etc.;
  - Drill 2-  $\phi$  10 holes at the base of the fire cabinet for drainage; Equipped with guide pins and four mounting holes on the back plate;
  - The printing on the fire cabinet door refer to the manufacturing order;



|   |     |               |          |         |         |                |  |                   |         |          |                |
|---|-----|---------------|----------|---------|---------|----------------|--|-------------------|---------|----------|----------------|
| △ |     |               |          |         |         | Name           | Recessed Mounted Fire Cabinet, 280x600x180 |                   |         | Approve  |                |
| △ |     |               |          |         |         |                |  |                   |         |          |                |
| △ |     |               |          |         |         | Material       | SUS304 1.2MM+<br>SPCC1.2MM                 | Surface<br>Colour | RAL3000 | Design   | Zhou zhi qiang |
| △ |     |               |          |         |         |                |  |                   |         |          | 2023.03.01     |
| △ |     |               |          |         |         | Drawing<br>No. |  | Unit              | mm      | Draw     | Zhou zhi qiang |
| △ |     |               |          |         |         |                |  | Proportion        | 1:8     |          | 2023.03.01     |
| △ |     |               |          |         |         |                |  |                   |         | Revision | A              |
|   | NO. | Original Size | Modified | Revisor | Auditor | Date           |  |                   |         |          |                |



- FG-400S

# - DOOR PANELS SPECIFICATIONS

THE DOOR PANELS ARE METICULOUSLY DESIGNED TO MEET THE HIGHEST INDUSTRY STANDARDS, ENSURING DURABILITY AND RELIABILITY IN FIRE SAFETY APPLICATIONS.

- FIBERGLASS VISION PANEL: PROVIDES CLEAR VISIBILITY WHILE MAINTAINING STRUCTURAL INTEGRITY, OFFERING AN OPTIMAL BALANCE BETWEEN ACCESSIBILITY AND SAFETY.
- CORROSION RESISTANCE: ENGINEERED WITH ADVANCED PROTECTIVE COATINGS AND HIGH-QUALITY MATERIALS TO WITHSTAND HARSH ENVIRONMENTAL CONDITIONS AND ENSURE LONG-TERM PERFORMANCE.
- ROBUST CONSTRUCTION: MANUFACTURED FROM PRECISION-ENGINEERED MILD OR STAINLESS STEEL, ENSURING HIGH IMPACT RESISTANCE AND SUPERIOR STRENGTH.
- CUSTOMIZABLE DESIGN: AVAILABLE IN MULTIPLE CONFIGURATIONS, INCLUDING FULL METAL DOORS, VISION PANEL OPTIONS, AND ALUMINUM OR STAINLESS STEEL FRAMING UPON REQUEST.
- ELECTROSTATIC POWDER COATING: ENHANCES DURABILITY WITH A SMOOTH, RUST-RESISTANT FINISH THAT MEETS INTERNATIONAL FIRE SAFETY REGULATIONS.



# Falcon Gold

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