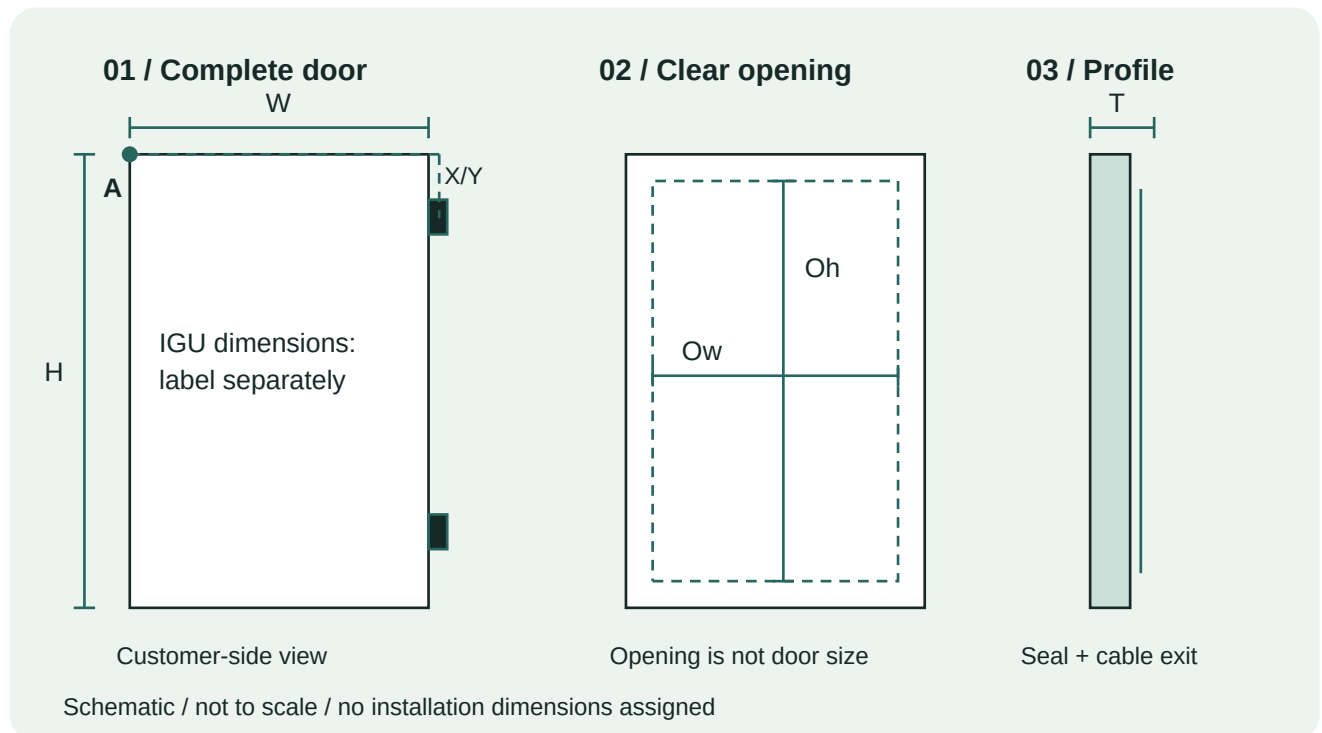


Measure first. Quote a defined assembly.

Door, IGU and host measurements / printable buyer guide

Record the existing door and cabinet opening separately. All diagrams are measurement references, not manufacturing or installation drawings. Use mm or inches consistently and mark a fixed datum on every view.



1. Overall door $W \times H \times T$

Include the frame where present. Record IGU-only width, height and thickness on separate lines. A published reference dimension does not define the host opening.

2. Clear opening $Ow \times Oh$

Add frame rebate, gasket contact surface and any obstruction. Do not invent a door size by subtracting an assumed clearance.

3. Hinges and seals

Use datum A at the top-left, viewed from the customer side. Record each hinge centre X/Y , pin diameter, mounting pattern and gasket section.

4. Direction and connections

State the hinge side and viewing direction. Show handle projection, swing clearance and existing cable exits without dismantling live electrical equipment.

Make the supply list explicit.

Send the information you have. Leave unknown fields open; do not copy an unrelated door's measurements.

Buyer measurement and scope worksheet

FIELD	BUYER INPUT / UNIT / DRAWING REFERENCE
Project / company / market	_____
Host maker + model / photos	_____
Supply: IGU / door / cabinet / hardware	_____
Quantity / sample requirement	_____
Door W / H / T + units	_____
IGU W / H / T (if separate)	_____
Opening Ow / Oh + rebate	_____
Hinge X/Y + pin / hole pattern	_____
Gasket section / seal contact	_____
Hinge side (customer-side view)	_____
Cable exit / connector (if present)	_____
Requested temperature / ambient / RH	_____

Compare the logo process

Etched acrylic: a separate etched layer with lighting around the assembly. Printed glass: identify the printed/photosensitive layer and the lighting behind or around it. A built-in lightbox: agree the enclosed depth, visibility and service access. These are different constructions; approve the actual artwork sample with lights on and off.

IGU-only vs complete door

Itemize glass, frame, hinges, handle, gasket, closer, lighting, power supply, controller and wiring. None is included solely because it appears in a photograph. For heated glass, agree electrical protection and the test temperature/humidity rather than assuming Low-E glass provides the same result.

Approval drawing: _____ Artwork revision: _____ Open questions: _____

Ref. 081 / 3D illuminated logo door

MK-PT-GD-IL-N01 | GD-R02

Choose when a raised, illuminated brand mark is the focal point and the remaining glass must keep the drinks visible.

Source: Yuebang 2026 English catalogue, PDF p. 6. Supplier-family example; exact MARKOOL supplier-SKU mapping is not confirmed.

Catalogue construction example

01 / 4 mm Low-E tempered, silk-printed glass

02 / 12A spacer in the catalogue example; argon fill

03 / 4 mm clear tempered glass

What the catalogue supports

- The catalogue distinguishes a frameless-style complete door from an illuminated-logo insulating glass unit.
- The complete-door example uses a slim aluminum alloy frame with rear-side LED lighting.
- The catalogue lists 12 V or 24 V LED options for that door family; select one rated system in the quote.

Options to agree

Double or optional triple glazing and optional heating; Aluminum or PVC spacer; Recessed or short pull handle; hinges, gasket and hinge bushings itemized.

Supply scope

Request an IGU or a complete door. A power supply, wiring, controller, hinges, gasket and handle are separate supply-list decisions; the cabinet is a separate item.

Approve with the sample

- Logo depth, face dimensions and position on an artwork proof
- Lit and unlit sample appearance, viewing angle and clear product area
- Host fit plus the selected LED voltage, connector and service route

Still project-specific

Door and opening dimensions, glass build and tolerances; Logo fixing and construction, power rating and wiring; Exact included fittings, market evidence and sample acceptance criteria.

This buying file is not a released BOM, certified performance statement or manufactured-sample record. Source page numbers count from the catalogue cover.

Ref. 082 / Etched acrylic logo construction

MK-PT-GD-IL-AC | GD-R02

Compare when the artwork should read as an illuminated line or shaped graphic within the glazing. Approve a sample for the actual logo rather than selecting by LED colour alone.

Source: Yuebang 2026 English catalogue, PDF p. 10. Supplier-family example; exact MARKOOL supplier-SKU mapping is not confirmed.

Catalogue construction example

01 / 4 mm tempered Low-E glass

02 / Spacer + 4 mm acrylic board with logo etching

03 / Spacer + 4 mm tempered glass

What the catalogue supports

- One catalogue construction uses an etched acrylic board between glass panels.
- Four-sided surrounding LED lighting backlights the etched logo in that example.
- This is distinct from the photosensitive printed-glass construction shown elsewhere in the same catalogue.

Options to agree

Optional heated anti-fog glass in the supplier example; Slim aluminum alloy or solid PVC frame; Recessed handle, magnetic gasket and self-closing hinge arrangement to specify.

Supply scope

State whether the request is for the illuminated insert/IGU or an assembled door. Agree edge lighting, power supply, wiring and hardware individually.

Approve with the sample

- Etching line width, artwork position and transparent viewing area
- Evenness and appearance of the actual logo with lights on and off
- Glass/acrylic stack, edge seal, cable exit and servicing arrangement

Still project-specific

Spacer gaps, final thickness and assembled dimensions; Acrylic grade, LED rating, colour and electrical connections; Exact process-to-reference mapping and the approved sample.

This buying file is not a released BOM, certified performance statement or manufactured-sample record. Source page numbers count from the catalogue cover.

Ref. 097 / Frameless-style cooler door assembly

MK-PT-GD-FL-DC | GD-R02

Use for an OEM or replacement discussion where the clear display face and slim rear frame matter. Host opening, hinges and seal geometry decide fit.

Source: Yuebang 2026 English catalogue, PDF p. 11. Supplier-family example; exact MARKOOL supplier-SKU mapping is not confirmed.

Catalogue construction example

01 / 4 mm Low-E tempered, silk-screened glass

02 / Spacer; gap to specify, argon fill in the catalogue example

03 / 4 mm clear tempered glass

What the catalogue supports

- The supplier example combines a glass front with a slim aluminum alloy frame; frameless does not mean there is no rear frame.
- Recessed or short pull handles and magnetic gaskets are described in the catalogue.
- The catalogue supports customized door sizes; the old MARKOOL reference size does not define a cabinet opening.

Options to agree

Optional triple glazing or anti-fog heating; Aluminum or PVC spacer; Optional surrounding LED strips and hinge bushings.

Supply scope

A complete door request should name glazing, frame, handle, hinges and gasket. An IGU-only request excludes those items unless the quotation explicitly adds them.

Approve with the sample

- Overall door dimensions separately from cabinet clear opening
- Hinge axis, hole coordinates, gasket section and sealing surface
- Handedness viewed from the customer side and handle clearance

Still project-specific

Approved dimensional drawing, frame section and tolerances; Final glass build, finish and supplied hardware list; Sample fit, closure and sealing acceptance on the intended host.

This buying file is not a released BOM, certified performance statement or manufactured-sample record. Source page numbers count from the catalogue cover.

Ref. 093 / ITO heated-glass panel brief

MK-PT-GD-HT-MB | GD-R02

Start with a panel-level request when condensation control must be reviewed for a known cabinet. Describe where moisture appears and the room and cabinet conditions.

Source: Yuebang 2026 English catalogue, PDF p. 22. Supplier-family example; exact MARKOOL supplier-SKU mapping is not confirmed.

Catalogue construction example

01 / ITO heating-glass option shown in the catalogue

02 / Coating, busbar and lead arrangement to specify

03 / Final IGU build and edge seal to agree for the project

What the catalogue supports

- The catalogue identifies ITO heating glass and silk-printing options.
- Its page also shows Low-E and insulating-glass examples; those tables are not a heater rating or a test report for Ref. 093.
- No voltage, wattage or condensation-free operating envelope is assigned to this MARKOOL reference.

Options to agree

Panel or IGU supply; complete door reviewed separately; Printed border, lead exit and connector arrangement; Power and control package selected for the actual design.

Supply scope

Confirm whether the offer includes heated glazing, leads, connectors, power supply and controller. A door frame, gasket, hinges and cabinet are not implied by a panel request.

Approve with the sample

- Requested cabinet temperature, room temperature and relative humidity
- Condensation location, door-opening pattern and intended installation
- Approved wiring, electrical protection and an agreed condensation test condition

Still project-specific

Panel dimensions, glass build, edge seal and cable route; Voltage, wattage, controller, protection and applicable electrical evidence; Recorded sample results at the agreed temperature and humidity.

This buying file is not a released BOM, certified performance statement or manufactured-sample record. Source page numbers count from the catalogue cover.