


OFF

ON

Folding Door

>99%
Uv Block

5W/m²
Low-Power



High-strength aluminum alloy

Adopting high-strength aluminum alloy door frames, combined with hidden hinges and innovative folding track design.



Free opening and closing

Support 90 ° column free angle and 270 ° ultra large open/close field of view.



Transparent switching

The built-in PLCD film can switch between transparent and atomized states, achieving privacy protection and natural lighting.



Multiple extensions

Supports multiple opening and closing methods, with flexible adjustment of the number of door leaves.



Safe and durable

It has excellent insulation, sound insulation, waterproofing, and windproof performance, while also considering safety and durability.



Anti pinch hands

The gap between the door leaf and the center pillar is designed to be 14mm, and the anti pinch design is safer


GARDEN

LOBBY

PARTITION

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Product Parameters

Products	Standard glass	Door frame color
73-65 Folding door	5+5+15a+5 (84 Ultra White with accessories)	Metallic Gray, Brown, Sand Gray

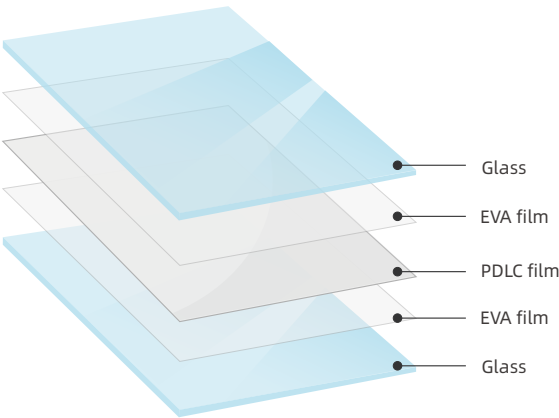
Detailed parameters

Material wall thickness: 2.0mm, frame width: 73mm, opening fan width: 65mm
Can be made in odd and even, height up to 3.5 meters, total width is unlimited, the width of the movable fan is limited to within 1 meter, the minimum height of 1.2 meters.

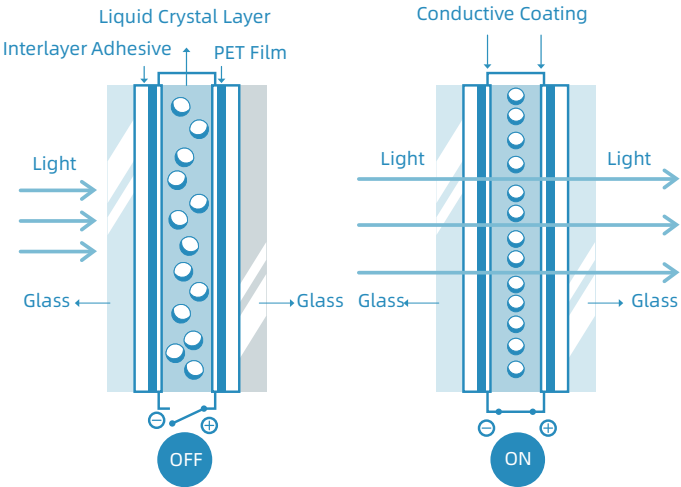
Optical Parameter

Items	ON/OFF		Test Methods/Standards
Operating voltage	ON	60V	Multimeter/Voltage Regulator,WGW
Power consumption	ON	≤ 5W/m ²	Multi-parameter electric measuring instrument
Viewing angle	ON	≥ 160°	Visual Inspection
Uv blocking rate	OFF	≥ 99%	Optical teansmittance tester
Infrared blocking rate	OFF	≥ 60%	
Response time	OFF→ON	≤ 30 ms	Liquid crystal parameter integrated tester
	ON→OFF	≤ 200 ms	
Operating temperature	--	-30°C ~ 85°C	constant temperature and humidity testing machine
Life-span	--	100000 Hours	GB18910.5-2008
Switching times	--	≥ 2 million times	Self-made on/off tester

Structural



Technical Principles



PDLC Film

Note: Color and thickness do not represent the actual situation,only for the convenience of illustration.

