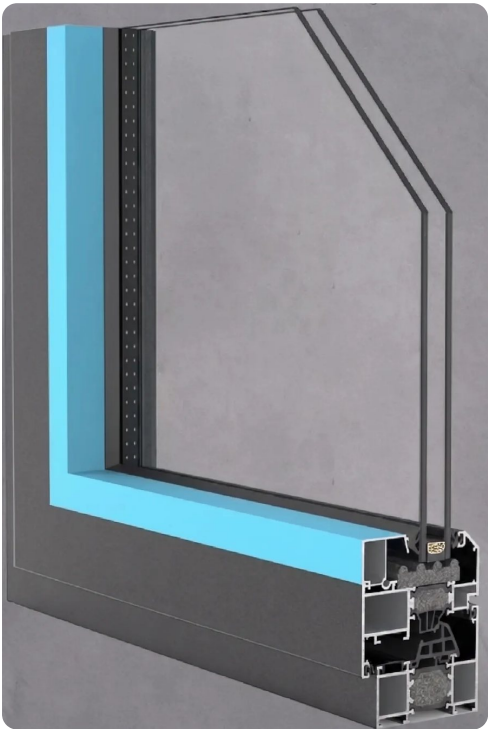


Series 70 · tilt & turn · inward opening

HTA-70 TT

29 mm solid thermal break, Siegenia standard hardware

ZHONG-YAN catalogue: 70系列 内开内倒窗/内开窗 – 70 series, tilt & turn / inward casement, sheet 7



Cross-section

In the manufacturer’s words, the economy product of the range with high value for money, designed for the East China climate. A 29 mm solid PA66GF25 thermal break, 6G+20A+6G tempered glazing on a standard black aluminium spacer, 6060-T66 profile with a 1.4 mm wall. Siegenia standard hardware, manufacturer handle.

Engineering

Alloy	6060-T66
Wall thickness	1.4 mm
Thermal break	29 mm solid strip, PA66GF25
Glazing	6G+20A+6G tempered IGU; standard black aluminium spacer, custom-made
Hardware	Siegenia standard version; manufacturer handle
Insulation	PE wave foam strip plus filling of the thermal-break cavities with the insulation used in car and refrigerator doors

Field of application

Economy class, performance for the East China climate; high value for money, wide applicability.
manufacturer’s catalogue, sheet 7

HTA recommendation: for cities with a design temperature of –30 °C or lower we select 80 TT – the only series in the range the manufacturer specifies for severe-cold regions.

GB classes

Air permeability 气密性	class 7 of 8	q_1 0.5–1.0 m ³ /(m·h) · q_2 1.5–3.0 m ³ /(m ² ·h)	
Watertightness 水密性	class 5 of 6	ΔP 500–700 Pa	
Wind load resistance 抗风压性能	class 9 of 9 top of the scale	$p_3 \geq 5.0$ kPa	
Thermal insulation 保温性能	class 6 of 10	K 2.0–2.5 W/(m ² ·K)	
Acoustic performance 隔声性能	class 3 of 6	Rw + Ctr 30–35 dB	

Classes as printed in the manufacturer’s catalogue, GB scale on sheet 27; test report numbers behind the classes are not given in the catalogue. The kPa and W/(m²·K) units are not printed on sheet 27; they follow the GB system (HTA note).

Six matt finishes

The colours of the range per sheets 25–26 of the manufacturer’s catalogue. JL codes are the manufacturer’s codes.



Matte white
JL565S



Matte grey
JL568S



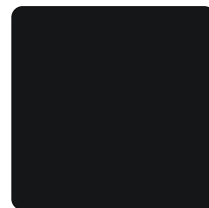
Matte coffee
JL566S



Matte green
JL180S



Matte camel
JL228S



Matte black
JL729S

Colour in print and on screen is a guide, not colorimetry. RAL correspondence is not stated in the manufacturer’s catalogue.

Contacts

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For a quote, send the city, number of storeys and the opening schedule – we will select a series and prepare a specification.

About this catalogue

Compiled by HTA from the ZHONG-YAN manufacturer’s catalogue «[中亚系统产品手册](#)»: every system gives its sheet. GB classes are declared by the manufacturer. The manufacturer’s catalogue gives no prices or lead times – we calculate both for each project from the opening schedule.