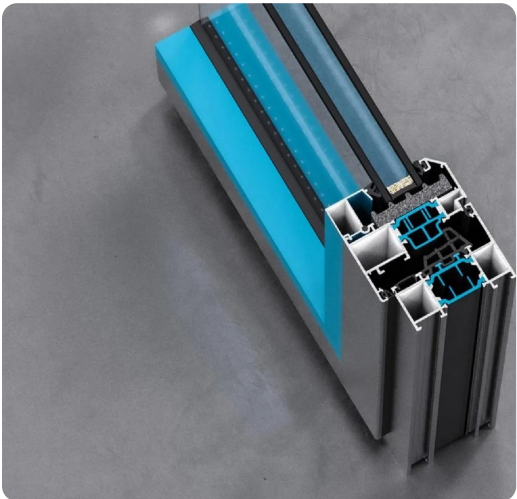


Series 65 · tilt & turn · outward opening

HTA-65 TT

34 mm finned thermal break, argon, Low-e

ZHONG-YAN catalogue: 65系列 内开内倒窗/外开窗 – 65 series, tilt & turn / outward casement, sheet 5–6



Cross-section

The manufacturer calls it a medium-performance, high value-for-money solution for China’s temperate zones and subtropics. A 34 mm finned PA66GF25 thermal break, 6G+20A+6Low-e tempered argon glazing on a Technoform spacer, 6060-T66 profile with a 1.4 mm wall. The central sash gasket moved from insert technology to vulcanised welding; corner cleats are bonded with two-component Henkel adhesive.

Engineering

Alloy	6060-T66
Wall thickness	1.4 mm
Thermal break	34 mm finned strip, PA66GF25
Glazing	6G+20A+6Low-e tempered IGU, argon; Technoform warm edge spacer
Hardware	Siegenia black, highly weather-resistant anti-corrosion; manufacturer handle as standard, Italian Frangman handle as an option
Seals	EPDM, vulcanised welding; composite: foamed and dense contour; the central sash gasket is vulcanise-welded instead of inserted
Insulation	PE wave foam strip

Field of application

Mid-temperate and warm-temperate zones and subtropics of China, excluding high plateau areas; medium performance, high value for money.
manufacturer’s catalogue, sheet 5–6

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 m³/(m·h) · q_2 1.5–3.0 m³/(m²·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 7 of 10	K 1.6–2.0 W/(m²·K)	■ ■ ■ ■ ■ ■ ■ ■ ■ ■
Acoustic performance 隔声性能	class 3 of 6	$R_w + C_{tr}$ 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



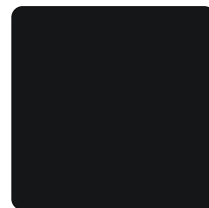
Matte coffee
JL566S



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.