

Series 80 · tilt & slide · tilt & turn

HTA-80 TS

The sash tilts and slides along the frame, taking no room space

ZHONG-YAN catalogue: 80系列 内倒平移窗/内开内倒窗 – 80 series, tilt & slide / tilt & turn window, sheet 9



Render from the manufacturer’s catalogue, sheet 9

In the manufacturer’s words, the tilt & slide window answers three complaints at once: sliders hold heat and sound worse, outward sashes are unsafe at height, an open tilt & turn sash takes up the room. By its account development took 20 years, and the fifth generation is now in production.

Engineering

Alloy	6060-T66
Wall thickness	1.8 mm
Thermal break	20 mm multi-chamber thermal assembly, PA66GF25
Glazing	5G+20A+5Low-e tempered IGU, argon; Technoform warm edge spacer
Hardware	system hardware; manufacturer handle with rose as standard, rose-less and Frangman handles optional

Field of application

The manufacturer names no climate for this series.

GB classes

Air permeability 气密性	class 8 of 8 top of the scale	$q_1 \leq 0.5 \text{ m}^3/(\text{m}\cdot\text{h}) \cdot q_2 \leq 1.5 \text{ m}^3/(\text{m}^2\cdot\text{h})$	■■■■■■■■■
Watertightness 水密性	class 5 of 6	$\Delta P \text{ 500–700 Pa}$	■■■■■□
Wind load resistance 抗风压性能	class 9 of 9 top of the scale	$p_3 \geq 5.0 \text{ kPa}$	■■■■■■■■■
Thermal insulation 保温性能	class 6 of 10	$K \text{ 2.0–2.5 W}/(\text{m}^2\cdot\text{K})$	■■■■■□□□□
Acoustic performance 隔声性能	class 4 of 6	$R_w + C_{tr} \text{ 35–40 dB}$	■■■■□□

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



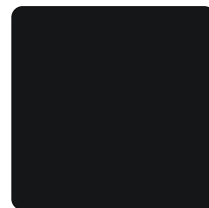
Matte coffee
JL566S



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.