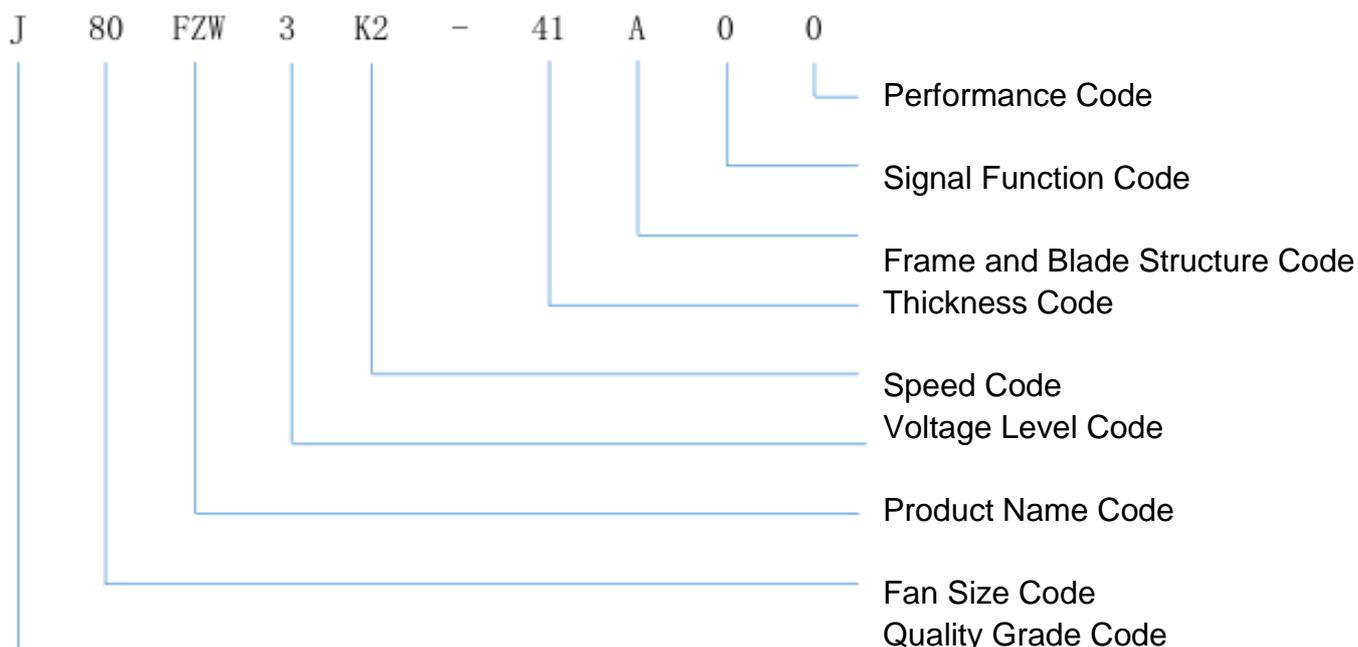


Model Naming Convention

The fan model is composed of the following parts:



1. Quality Grade Code

The first letter of the model, "J", represents **military grade**; "P" represents **industrial grade**.

2. Fan Size Code

The second character in the model represents the **fan size code**, which is indicated by the outer diameter of the fan frame in millimeters.

3. Product Name Code

The third character in the model represents the **product series code**, which is indicated by 3 uppercase Chinese pinyin letters, as shown in the table below.

Product Series	Code	Meaning
Brushless DC Axial Flow Fan	FZW	Fan, Axial, Brushless
Brushless DC Propeller-type Axial Flow Fan	FZLW	Fan, Axial, Propeller, Brushless
Brushless DC Centrifugal Fan	FLW	Fan, Centrifugal, Brushless
AC Axial Flow Fan	FZJ	Fan, Axial, AC
AC Centrifugal Fan	FLJ	Fan, Centrifugal, AC

4. Voltage Level Code

The fourth character in the model represents the **voltage level code**, which is indicated by 1 Arabic numeral, as shown in the table below.

Voltage Level Code	0	1	2	3	4	5	6	7	8
Rated Voltage (V)	DC					AC			
	5	12	24	28	48	115	200	220	280

5. Speed Code

The fifth character in the model represents the product's speed. The code is expressed in two digits or a combination of one uppercase Chinese pinyin letter and an Arabic numeral, as shown in the table below.

Speed Code	00	10	20	30	40	50
Rated Speed (RPM)	≤1000	1000 ~ 1900	2000 ~ 2900	3000 ~ 3900	4000 ~ 4900	5000 ~ 5900
Speed Code	60	70	80	90	J0	K0
Rated Speed (RPM)	6000 ~ 6900	7000 ~ 7900	8000 ~ 8900	9000 ~ 9900	10000 ~ 19000	20000 ~ 29000
The speed in the manual can be adjusted. Considering the actual air volume, air pressure, noise, and power consumption, the speed can be adjusted relative to actual working conditions to meet the thermal management requirements. Adjusting the speed is not a customization and does not affect environmental parameters.						

6. Height Code

The sixth character in the model represents the product's thickness, with the code denoted by the axial length of the fan in millimeters.

7. Frame and Blade Structure Code

The seventh character in the model represents the product's frame and blade structure. The code is used to differentiate between fans of the same type with different frame structures, materials, and mounting flanges. It is represented by uppercase Chinese pinyin letters, such as "A", "B", "C", and so on.

8. Signal Function Code

The eighth character in the model represents the product's signal function, with the code indicated by 1 Arabic numeral, as shown in the table below.

Signal Function Code	0	1	2	3	4	5
Function Description	No function	Duty cycle speed control	High-level fault alarm	Speed feedback detection	Duty cycle speed control + high-level fault alarm	Duty cycle speed control + speed feedback detection

9. Performance Code

The ninth character in the model represents the product's performance code, indicated by 1 Arabic numeral, to distinguish between fans of the same type, size, and function, but with different environmental adaptability performance. For more details, please refer to the product selection parameter page.

10. Example

“J80FZW3K2-41A00” represents a fan with the following specifications:

Maximum outer diameter of the fan frame: 80mm

Rated voltage: 28V

Rated speed: 22000 RPM

Axial length of the fan: 41mm

A structure type

Basic performance military-grade brushless DC axial flow fan with no function