

# Part Numbering System

## Low Power Consumption Fan

<b>9GA</b>	<b>06</b>	<b>12</b>	<b>H</b>	<b>6</b>	<b>001</b>	
<b>Series name / frame material</b> 9GA / Plastics	<b>Frame size</b> 04: 40×40mm 05: 52×52mm 06: 60×60mm 08: 80×80mm 09: 92×92mm	<b>Voltage</b> 12: 12V 24: 24V	<b>Speed code</b> J,G,H,M,S etc	<b>Frame thickness</b> 1: 38mm thick 2: 32mm thick 3: 28mm thick 4: 25mm thick 6: 20mm thick 7: 15mm thick	<b>Individual customer's spec</b> 2 or 3 digits	<b>Frame form</b> Nil: Ribbed frame 1: Ribless frame

## Silent Fan

<b>9S</b>	<b>06</b>	<b>12</b>	<b>H</b>	<b>4</b>	<b>01</b>	
<b>Series name / frame material</b> 9S / Plastics	<b>Frame size</b> 06: 60×60mm 08: 80×80mm 09: 92×92mm 12: 120×120mm	<b>Voltage</b> 12: 12V 24: 24V	<b>Speed code</b> F,H,L,M etc	<b>Frame thickness</b> 4: 25mm thick	<b>Sensor specifications</b> 01: With a pulse sensor 02: Without a sensor D01: With a lock sensor	<b>Frame form</b> Nil: Ribbed frame 1: Ribless frame

## DC Fan

<b>9GV</b>	<b>12</b>	<b>12</b>	<b>J</b>	<b>1</b>	<b>01</b>	<b>1</b>
<b>Series name / frame material</b> 109P / Plastics 109R / Plastics 9GV / Plastics Aluminum 9GE / Aluminum 9G / Plastics 9A / Plastics 9SG / Aluminum 109E / Aluminum 9EC / Aluminum	<b>Frame size</b> 36: 36×36mm 03: 38×38mm 04: 40×40mm 05: 52×52mm 06: 60×60mm 08: 80×80mm 09: 92×92mm 12: 120×120mm 13: 127×127mm 14: 140×140mm 15: 150×150mm 17: $\phi$ 172mm 47: $\phi$ 172mm×147mm(side cut) 57: $\phi$ 172mm×150mm(side cut) 20: $\phi$ 200mm	<b>Voltage</b> 05: 5V 12: 12V 24: 24V 48: 48V etc	<b>Speed code</b> A,B,C,D,E,F,G,H,J,K, L,M,S,W etc  Two speed: MH, LM,HD,HE etc	<b>Frame thickness</b> 0: 70mm 1: 38mm thick 2: 32mm thick 3: 28mm thick 4: 25mm thick 5: 50mm thick 51mm thick 6: 20mm thick 7: 15mm thick 9: 10mm thick	<b>Sensor specifications</b> 01: With a pulse sensor 02: Without a sensor D01: With a lock sensor	<b>Frame form</b> Nil: Plastics frame: Ribbed frame Aluminum frame: Ribless frame 1: Plastics frame: Ribless frame 3: 40×40×28mm for 1U applications Plastics frame

## Counter Rotating Fan

<b>9CRA</b>	<b>04</b>	<b>12</b>	<b>K</b>	<b>4</b>	<b>01</b>
<b>Series name / frame material</b> 9CR / Plastics 9CRA / Plastics 9CRB / Plastics 9CRE / Aluminum 9CRD / Plastics 9CRF / Plastics	<b>Frame size</b> 03: 38×38mm 04: 40×40mm 06: 60×60mm 08: 80×80mm 12: 120×120mm	<b>Voltage</b> 12: 12V	<b>Speed code</b> J,G,S,H,K etc	<b>Frame thickness</b> 0: 76mm thick 4: 48mm thick 5: 56mm thick 8: 80mm thick	<b>Sensor specifications</b> 01: With a pulse sensor 02: Without a sensor D01: With a lock sensor

# Part Numbering System

## Splash Proof Fan

<b>9WS</b>	<b>12</b>	<b>12</b>	<b>H</b>	<b>1</b>	<b>01</b>	
<b>Series name / frame material</b> 109W / Aluminum 9WS / Plastics 9WE / Aluminum 9WG / Aluminum 9WB / Aluminum 9WP / Plastics 9WP / Plastics 9WV / Plastics	<b>Frame size</b> 06: 60×60mm 08: 80×80mm 09: 92×92mm 12: 120×120mm 14: 140×140mm 17: $\phi$ 172mm 57: $\phi$ 172mm×150mm(side cut)	<b>Voltage</b> 12: 12V 24: 24V 48: 48V etc	<b>Speed code</b> A, D, E, F, G, H, J, L, M, S etc	<b>Frame thickness</b> 1: 38mm thick 4: 25mm thick 5: 51mm thick	<b>Sensor specifications</b> 01: With a pulse sensor 02: Without a sensor D01: With a lock sensor	<b>Frame form</b> Nil: Plastics frame: Ribbed frame Aluminum frame: Ribless frame 1: Plastics frame: Ribless frame

## Splash Proof Centrifugal Fan

<b>9W1T</b>	<b>M</b>	<b>48</b>	<b>P</b>	<b>4</b>	<b>H</b>	<b>01</b>
<b>Series name / frame material</b> 9W1T / Aluminum	<b>Size</b> M: $\phi$ 100mm J: $\phi$ 133mm N: $\phi$ 150mm G: $\phi$ 175mm	<b>Voltage</b> 24: 24V 48: 48V	<b>PWM speed control function</b> H	<b>Frame thickness</b> 0: 69mm thick MIN 1: 35mm thick 4: 25mm thick	<b>Speed code</b> H, G etc	<b>Individual customer's spec</b> 2 or 3 digits

## Oil Proof Fan

<b>9WF</b>	<b>12</b>	<b>24</b>	<b>H</b>	<b>1</b>	<b>01</b>	
<b>Series name / frame material</b> 9WF / Plastics	<b>Frame size</b> 04: 40×40mm 06: 60×60mm 08: 80×80mm 09: 92×92mm 12: 120×120mm	<b>Voltage</b> 24: 24V	<b>Speed code</b> H	<b>Frame thickness</b> 1: 38mm thick 2: 32mm thick 4: 25mm thick 6: 20mm thick 7: 15mm thick	<b>Sensor specifications</b> 01: With a pulse sensor 02: Without a sensor D01: With a lock sensor	<b>Frame form</b> Nil: Ribbed frame

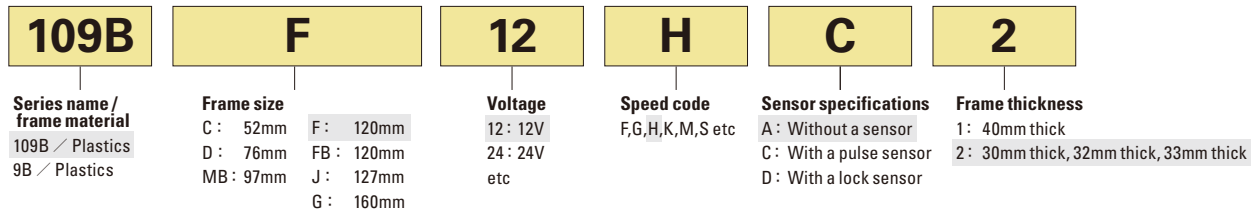
## Long Life Fan

<b>109L</b>	<b>12</b>	<b>12</b>	<b>H</b>	<b>1</b>	<b>01</b>
<b>Series name / frame material</b> 109L / Aluminum 9LB / Aluminum 9GL / Aluminum 9L / Aluminum	<b>Frame size</b> 04: 40×40mm 06: 60×60mm 08: 80×80mm 09: 92×92mm 12: 120×120mm 14: 140×140mm 17: $\phi$ 172mm 57: $\phi$ 172mm×150mm(side cut)	<b>Voltage</b> 12: 12V 24: 24V 48: 48V etc	<b>Speed code</b> E, F, G, H, J, L, M, S etc	<b>Frame thickness</b> 1: 38mm thick 3: 28mm thick 4: 25mm thick 5: 51mm thick	<b>Sensor specifications</b> 01: With a pulse sensor 02: Without a sensor D01: With a lock sensor

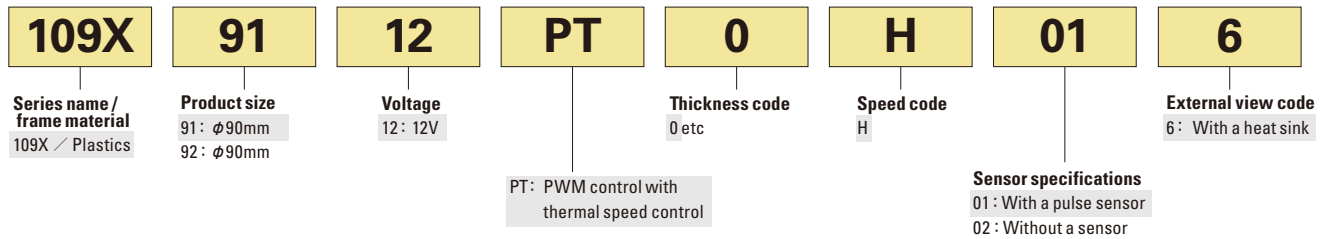
## Centrifugal Fan

<b>9T</b>	<b>M</b>	<b>48</b>	<b>P</b>	<b>4</b>	<b>H</b>	
<b>Series name / frame material</b> 9T / Aluminum	<b>Size</b> M: $\phi$ 100mm J: $\phi$ 133mm N: $\phi$ 150mm G: $\phi$ 175mm	<b>Voltage</b> 24: 24V 48: 48V	<b>PWM speed control function</b> P	<b>Frame thickness</b> 0: 69mm thick MIN 1: 35mm thick 4: 25mm thick	<b>Speed code</b> H, G etc	<b>Individual customer's spec</b> 2 or 3 digits

## Blower

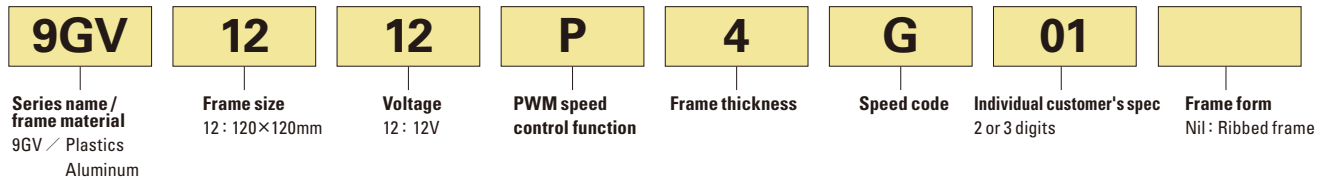


## CPU Coolers with Speed Control



## Fans with PWM speed control function

Example : DC Fan Same patterns can be applied to the other fan types. Please contact us for further information.



\*For inquiries concerning frame sizes, voltage, speed types, sensors (including lock sensors and low-speed sensors), speed control systems (including the two-speed system, the thermal speed control system, the PWM control function and the microprocessor control system) that are not covered in the catalog or on connectors, please contact us.