



**LINKWELL**<sup>®</sup>  
ELECTRIC



THERMAL SOLUTION  
PRODUCTS

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# APPLICATION AREA



- **Wind power:**

Wind power is the conversion of wind kinetic energy into electrical energy. As a clean and renewable energy source, wind energy is receiving more and more attention from all countries in the world.

- **Charging pile:**

The Chinese government actively promotes the application and development of new energy vehicles, and the replacement of power stations as an important supporting infrastructure necessary for the development of electric vehicles has very important social and economic benefits.

- **Automatic robot:**

The cutting-edge technology of the industry is AI (Artificial Intelligence), an intelligent robot. Automation is the general trend of the future society, and it is more and more closely related to communication engineering and CS (computer science).

- **Photovoltaic:**

The main principle of photovoltaic power generation is the photoelectric effect of semiconductors. When a photon is irradiated onto a metal, its energy can be completely absorbed by some electron in the metal.

- **High and new technology industry:**

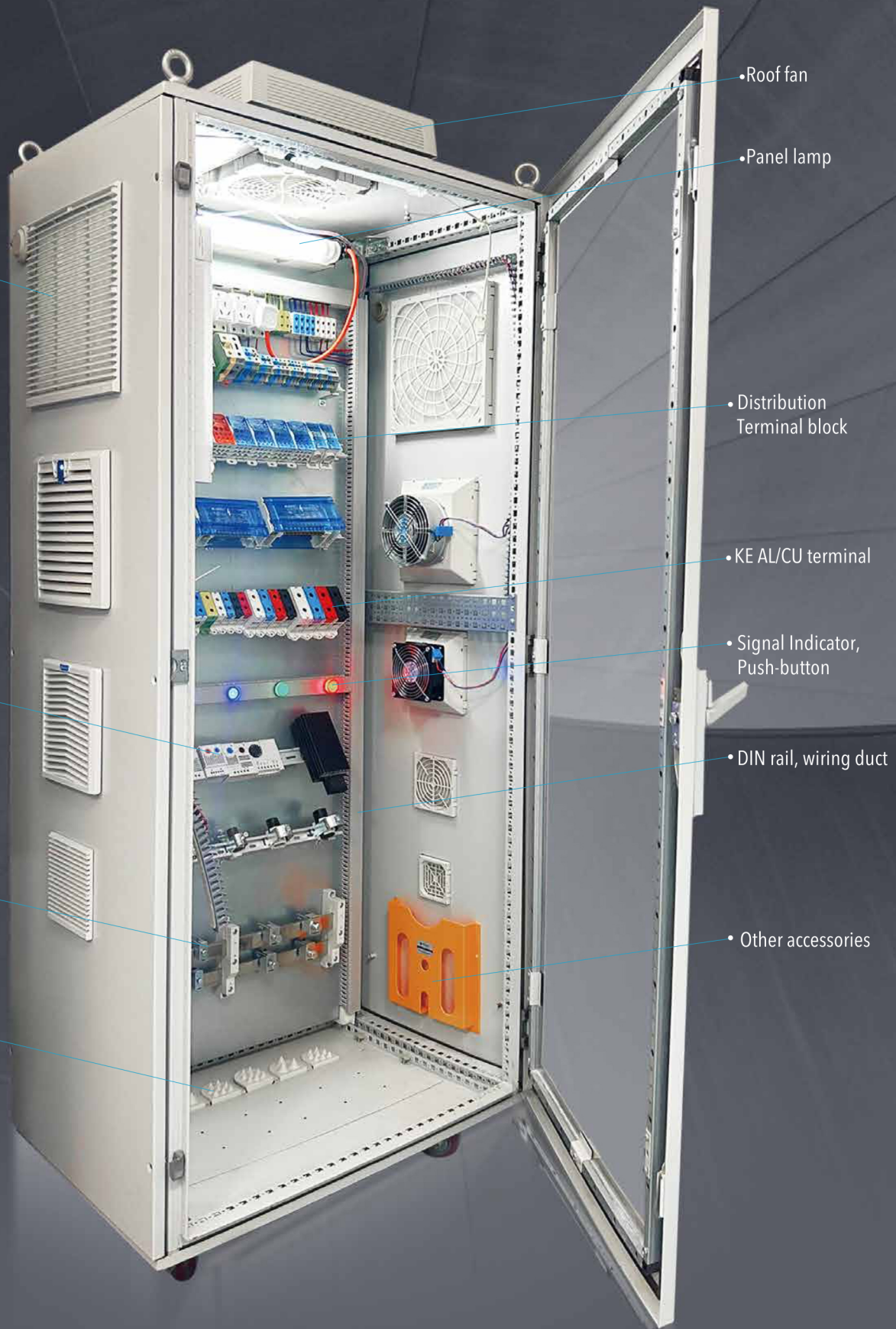
The high-tech industry mainly includes three major fields: information technology, biotechnology and new materials technology.

- **Cabinet and electrical complete set:**

As an important supporting infrastructure for the development of electric vehicles, charging and replacing power stations have very important social and economic benefits. LINKWELL ELECTRIC products are widely used in the charging pile industry, making the equipment more stable and efficient in operation.

- **Infrastructure**

Provide all-round service for customer's system integration solution.



• Wall mounted fan-filter.

• Thermostat, heater.

• Bus bar system.

• Cable entry system.

• Roof fan

• Panel lamp

• Distribution Terminal block

• KE AL/CU terminal

• Signal Indicator, Push-button

• DIN rail, wiring duct

• Other accessories

LINKWELL ELECTRIC is a professional company engaged in low voltage electrical products for switchgear board and automation industry , such as panel ventilation fan filter,heater, thermostat,control transformer,terminal blocks,wiring duct and other panel accessories.

Through our decades' efforts and development LINKWELL now becomes a group company with several factories by entirely holding or partly holding ,not only self-production but also few trading,in order to provide one- stop-solution of panel accessories for panel builder.

Our main markets are European countries, Americans, Middle East, South Asia and China, you can find us in more than 100 countries all over the world, well-known with good reputation in the market for the sake of our sustainable quality and competitive prices, kind and prompt services to clients,our main partners are those reputable companies like: ABB,SIEMENS,SCHNEIDER ROCKWELL automation,CHINT.



LINKWELL ELECTRIC policy is to offer a full support to Clients:

- pre-after sales assistance
- customized products
- fast delivery
- monitoring customers' satisfaction

Rather than a supplier, LINKWELL ELECTRIC aims to be a Client's industrial PARTNER

our company always pays special attention to protecting the benefits of clients' so that both of us can gain the better benefits from the relations between us.

We warmly look forward to establishing, reinforcing and expanding long term fruitful relationship with the reliable clients all over the world.

Let's get busy and pull together to create a better future!



# Innovation Quality Global

## COMPANY MISSION

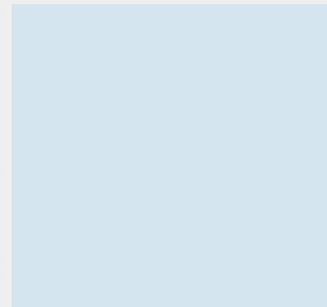
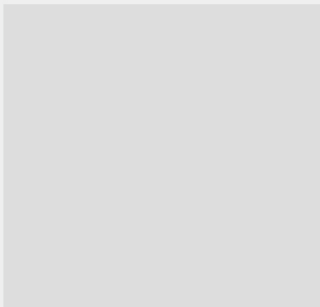
To win respect of "Made in China" from the world

## COMPANY VALUE

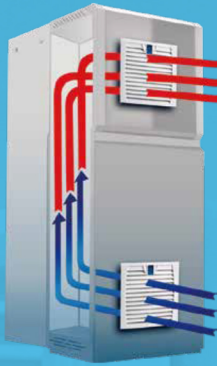
Realize the dream for employees  
Create value for customers  
Take responsibilities for the society

## COMPANY VISION

To be a global and well-known brand,  
one stop solution supplier for electrical cabinet components



# Introduction To Fan And Filter Classification



Low noise



Energy saving



Water proofing



Copper motor



High Air-flow



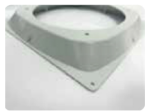
Fast installation

## 1. FU series

Flexible fan size by embedded nuts

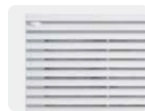


Air duct optional



## 3. LK66 series

Straight line grill design



## 5. FK55 series

Thinner cover



Curve line grill design



## 2. LK32 series

Easy-open buckle



Power supply working indicator option



## 4. FF series

Standard material PC+Alloy, UV resistance



Corrugated filter mat option



# FK55 SERIES FAN-AND-FILTER

Energy saving, environmental protection, and efficient product performance meet the requirements of temperature control systems



Curve Line Grill Design



Premium Sealing Gasket



High Quality Filter Cotton



LK5521 .230

LK5521 .300



IP54

CE

RoHS COMPLIANT

UL94-V0

-30 +70 °C

### SPECIFICATION

Fan filter model	FK5521.230	FK5521.115	FK5521.024
Rated voltage	220V-240V AC	110V-120V AC	24V DC
Rated frequency	50/60Hz	50/60Hz	-
Air flow rate, free blowing	25/35m³/h	25/35m³/h	35m³/h
Air flow rate, Equipped with standard filter mat	1×FK5521.300:20/25m³/h		
Axial flow fan	Self starting shaded pole motor		
Rated current	0.07A/0.06A	0.14A/0.13A	0.18A
Power	13/12W	13/12W	4.3W
Noise level	32/35dB(A)	32/35dB(A)	35dB(A)
Operating temperature range	-30°C - +70°C	-30°C - +70°C	-30°C - +70°C
Outlet filter model	FK5521.300	FK5521.300	FK5521.300
Material	Made of injection-moulded thermoplastic, self-extinguishing UL94V0 (optional)		
Air flow direction	Air-in as standard; air-out optional		



Curve Line Grill Design

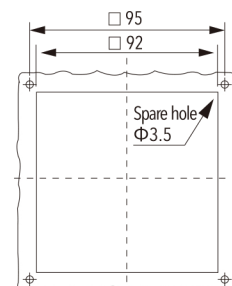
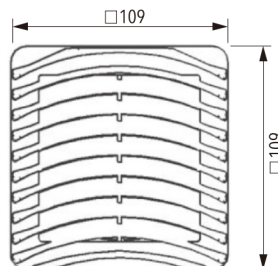
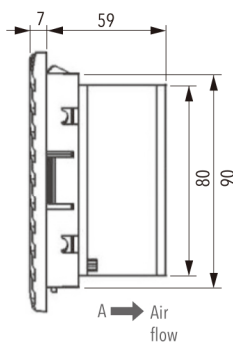


Premium Sealing Gasket



High Quality Filter Cotton

### DIMENSION (mm)





LK5522 .230

LK5522 .300



IP54

CE

RoHS  
COMPLIANT

UL94-V0

-30 +70  
°C

**SPECIFICATION**

Fan filter model	FK5522.230	FK5522.115	FK5522.024
Rated voltage	220V-240V AC	110V-120V AC	24V DC
Rated frequency	50/60Hz	50/60Hz	-
Air flow rate, free blowing	65/85m³/h	65/85m³/h	85m³/h
Air flow rate, Equipped with standard filter mat	1×FK5522.300:55/70m³/h		
Axial flow fan	Self starting shaded pole motor		
Rated current	0.12A/0.11A	0.24A/0.22A	0.35A
Power	19/18W	19/18W	7.7W
Noise level	41/42dB(A)	41/42dB(A)	41dB(A)
Operating temperature range	-30°C - +70°C	-30°C - +70°C	-30°C - +70°C
Outlet filter model	FK5522.300	FK5522.300	FK5522.300
Material	Made of injection-moulded thermoplastic, self-extinguishing UL94V0 (optional)		
Air flow direction	Air-in as standard; air-out optional		



Curve Line Grill Design

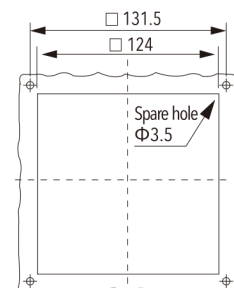
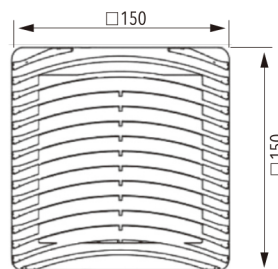
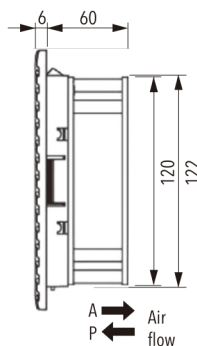


Premium Sealing Gasket



High Quality Filter Cotton

**DIMENSION (mm)**





FK5523 .230

FK5523 .300



IP54

CE

RoHS COMPLIANT

UL94-V0

-30 +70 °C

### SPECIFICATION

Fan filter model	FK5523.230	FK5523.115	FK5523.024
Rated voltage	220V-240V AC	110V-120V AC	24V DC
Rated frequency	50/60Hz	50/60Hz	-
Air flow rate, free blowing	105/126m <sup>3</sup> /h	105/126m <sup>3</sup> /h	126m <sup>3</sup> /h
Air flow rate, Equipped with standard filter mat	1×FK5523.300:78/90m <sup>3</sup> /h		
Axial flow fan	Self starting shaded pole motor		
Rated current	0.12A/0.11A	0.24A/0.22A	0.35A
Power	19/18W	19/18W	7.7W
Noise level	41/42dB(A)	41/42dB(A)	41dB(A)
Operating temperature range	-30°C - +70°C	-30°C - +70°C	-30°C - +70°C
Outlet filter model	FK5522.300	FK5522.300	FK5522.300
Material	Made of injection-moulded thermoplastic, self-extinguishing UL94V0 (optional)		
Air flow direction	Air-in as standard; air-out optional		



Curve Line Grill Design

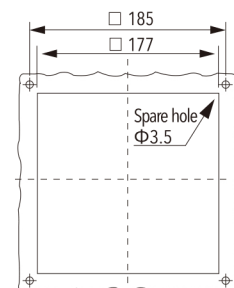
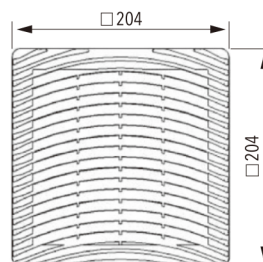
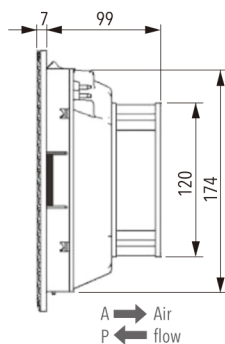


Premium Sealing Gasket



High Quality Filter Cotton

### DIMENSION (mm)





FK5524 .230



FK5524 .300



**SPECIFICATION**

Fan filter model	FK5524.230	FK5524.115	FK5524.024
Rated voltage	220V-240V AC	110V-120V AC	24V DC
Rated frequency	50/60Hz	50/60Hz	-
Air flow rate, free blowing	220/240m <sup>3</sup> /h	220/240m <sup>3</sup> /h	240m <sup>3</sup> /h
Air flow rate, Equipped with standard filter mat	1 × FK5524.300:155/185m <sup>3</sup> /h		
Axial flow fan	Self starting shaded pole motor		
Rated current	0.24A/0.22A	0.48A/0.46A	0.58A
Power	38/36W	38/36W	14W
Noise level	50/52dB(A)	50/52dB(A)	50dB(A)
Operating temperature range	-30°C - +70°C	-30°C - +70°C	-30°C - +70°C
Outlet filter model	FK5524.300	FK5524.300	FK5524.300
Material	Made of injection-moulded thermoplastic, self-extinguishing UL94V0 (optional)		
Air flow direction	Air-in as standard; air-out optional		



Curve Line Grill Design

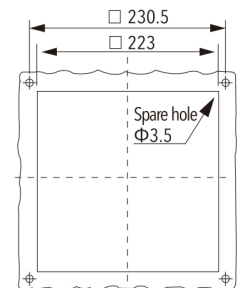
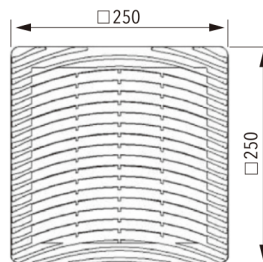
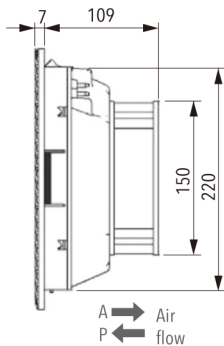


Premium Sealing Gasket



High Quality Filter Cotton

**DIMENSION (mm)**





FK5525.230

FK5525.300



IP54

CE

RoHS COMPLIANT

UL94-V0

-30 +70 °C

### SPECIFICATION

Fan filter model	FK5525.230	FK5525.115
Rated voltage	220V-240V AC	110V-120V AC
Rated frequency	50/60Hz	50/60Hz
Air flow rate, free blowing	230/265m <sup>3</sup> /h	230/265m <sup>3</sup> /h
Air flow rate, Equipped with standard filter mat	1 × FK5525.300:190/215m <sup>3</sup> /h	
Axial flow fan	Capacitor operated	
Rated current	0.30A/0.28A	0.52A/0.5A
Power	41/38W	41/38W
Noise level	50/52dB(A)	50/52dB(A)
Operating temperature range	-30°C - +70°C	-30°C - +70°C
Outlet filter model	FK5525.300	FK5525.300
Material	Made of injection-moulded thermoplastic, self-extinguishing UL94V0 (optional)	
Air flow direction	Air-in as standard; air-out optional	



Curve Line Grill Design

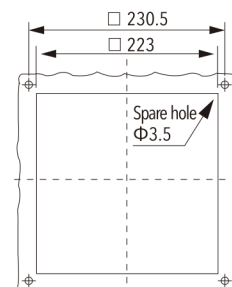
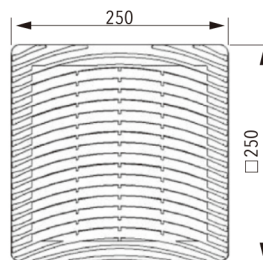
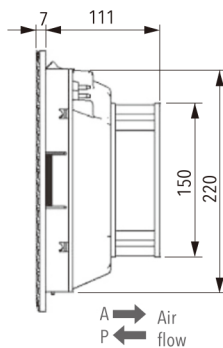


Premium Sealing Gasket



High Quality Filter Cotton

### DIMENSION (mm)





FK5526.230

FK5526.300



IP54

CE

RoHS  
COMPLIANT

UL94-V0

-30 +70  
°C

**SPECIFICATION**

Fan filter model	FK5526.230	FK5526.115
Rated voltage	220V-240V AC	110V-120V AC
Rated frequency	50/60Hz	50/60Hz
Air flow rate, free blowing	550/600m <sup>3</sup> /h	550/600m <sup>3</sup> /h
Air flow rate, Equipped with standard filter mat	1 × FK5526.300:380/410m <sup>3</sup> /h	
Axial flow fan	Capacitor operated	
Rated current	0.29A/0.37A	0.52A/0.55A
Power	65/80W	65/80W
Noise level	62/65dB(A)	62/65dB(A)
Operating temperature range	-30°C - +70°C	-30°C - +70°C
Outlet filter model	FK5526.300	FK5526.300
Material	Made of injection-moulded thermoplastic, self-extinguishing UL94V0 (optional)	
Air flow direction	Air-in as standard; air-out optional	



Curve Line Grill Design

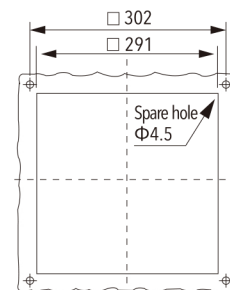
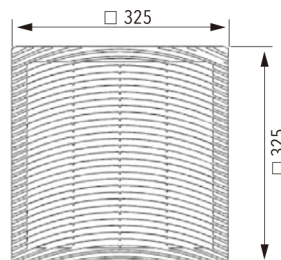
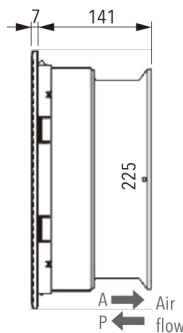


Premium Sealing Gasket



High Quality Filter Cotton

**DIMENSION (mm)**





FK5527.230



FK5526.300



IP54

CE

RoHS COMPLIANT

UL94-V0

-30 +70 °C

### SPECIFICATION

Fan filter model	FK5527.230	FK5527.115
Rated voltage	220V-240V AC	110V-120V AC
Rated frequency	50/60Hz	50/60Hz
Air flow rate, free blowing	650/800m <sup>3</sup> /h	650/800m <sup>3</sup> /h
Air flow rate, Equipped with standard filter mat	1×FK5526.300:500/600m <sup>3</sup> /h	
Axial flow fan	Capacitor operated	
Rated current	0.52A/0.65A	0.9A/0.95A
Power	120/160W	120/160W
Noise level	70/72dB(A)	70/72dB(A)
Operating temperature range	-30°C - +70°C	-30°C - +70°C
Outlet filter model	FK5526.300	FK5526.300
Material	Made of injection-moulded thermoplastic, self-extinguishing UL94V0 (optional)	
Air flow direction	Air-in as standard; air-out optional	



Curve Line Grill Design

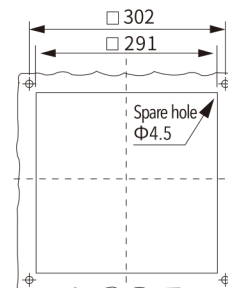
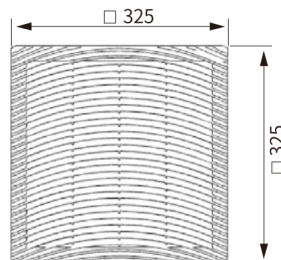
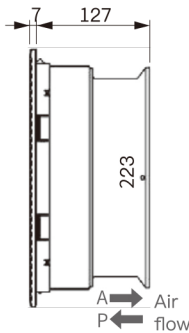


Premium Sealing Gasket



High Quality Filter Cotton

### DIMENSION (mm)





FK5528.230

FK5526.300



IP54

CE

RoHS  
COMPLIANT

UL94-V0

-30 +70  
°C

**SPECIFICATION**

Fan filter model	FK5528.230	FK5528.115
Rated voltage	220V-240V AC	110V-120V AC
Rated frequency	50/60Hz	50/60Hz
Air flow rate, free blowing	1150/1350m <sup>3</sup> /h	1150/1350m <sup>3</sup> /h
Air flow rate, Equipped with standard filter mat	1 × FK5526.300:750/950m <sup>3</sup> /h	
Axial flow fan	Capacitor operated	
Rated current	0.52A/0.65A	0.9A/0.95A
Power	120/160W	120/160W
Noise level	70/72dB(A)	70/72dB(A)
Operating temperature range	-30°C - +70°C	-30°C - +70°C
Outlet filter model	FK5526.300	FK5526.300
Material	Made of injection-moulded thermoplastic, self-extinguishing UL94V0 (optional)	
Air flow direction	Air-in as standard; air-out optional	



Curve Line Grill Design

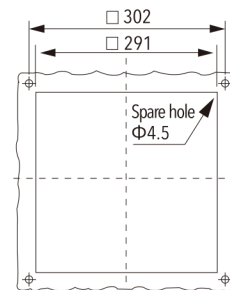
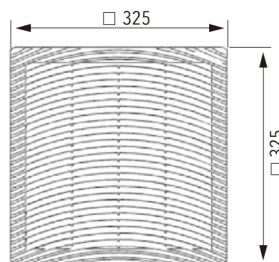
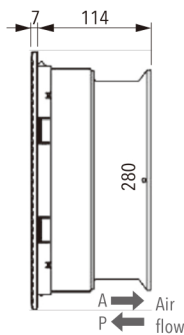


Premium Sealing Gasket



High Quality Filter Cotton

**DIMENSION (mm)**





FK5529.230



FK5526.300



### SPECIFICATION

Fan filter model	FK5529.230	FK5529.115
Rated voltage	220V-240V AC	110V-120V AC
Rated frequency	50/60Hz	50/60Hz
Air flow rate, free blowing	1150/1350m³/h	1150/1350m³/h
Air flow rate, Equipped with standard filter mat	1 × FK5526.300:750/950m³/h	
Axial flow fan	Capacitor operated	
Rated current	0.52A/0.65A	0.9A/0.95A
Power	120/160W	120/160W
Noise level	70/72dB(A)	70/72dB(A)
Operating temperature range	-30°C - +70°C	-30°C - +70°C
Outlet filter model	FK5526.300	FK5526.300
Material	Made of injection-moulded thermoplastic, self-extinguishing UL94V0 (optional)	
Air flow direction	Air-in as standard; air-out optional	



Curve Line Grill Design



Premium Sealing Gasket



High Quality Filter Cotton

### DIMENSION (mm)

