

# AIR CURTAIN

PRODUCT CATALOGUE



**Your Air We Care**

# Quality Technologe

## Product Advantage

Generally used for the equipment to start and control speed at high performance requirements, which need high manufacturing cost, have good performance and good adaptability for humidity and corrosion environment

### **SPEED CONTROL**

Wide and smooth speed adjustment range switch to multiple air speeds freely.

### **ENERGY-SAVING**

Low energy consumption. High efficiency, more energy saving and environmental protection.

### **QUIET**

Compact structure, small size, slight vibration and low noise.



### **PERFORMANCE**

Affected slightly by electromagnetic interference, with strong overload capacity

### **MAINTENANCE**

Strong versatility, low maintenance cost and convenient maintenance.

### **DURABLE**

Adopted new type full seal device with good protection performance.

## Powerful Motor

The motor is the heart of the air curtain. The stability and life of the motor are directly related to air curtain machine and the overall quality of air curtain. The company strictly follows the 3C and air curtain machine industry standards, and the product quality is much higher than the international.



### Cross flow strong wind curtain motor

1. The use of high-quality ball bearings with low noise and high wear resistance makes the motor reach an ideal state of being close to mute.
2. It adopts high-quality tempering steel sheet and optimized winding design to make the motor have lower temperature rise, longer life and more energy saving during long-term operation.
3. Optimized motor structure and original steel plate stretched casing to make the motor stronger and more beautiful.

In summary, the company's air-conditioner-specific motor has the advantages of low noise, low vibration, low temperature rise, high efficiency, stable operation, safety and reliability, and beautiful appearance, which is in line with and close to the needs of users.



### Centrifugal air curtain motor

1. The use of high-quality ball bearings with low noise and high wear resistance makes the motor reach an ideal state of being close to mute.
2. The use of the bracket and the damping ring, the CNC precision machine tool and the electronic intelligent balancing machine process and adjust the key parts of the motor. Make the running motor perform music in terms of reducing vibration.
3. It adopts high-quality tempering steel sheet and optimized winding design to make the motor have lower temperature rise, longer life and more energy saving during long-term operation.
4. Optimized motor structure and original steel plate stretched casing to make the motor stronger and more beautiful. In summary, the company's air curtain machine-specific motor has low noise, low vibration, low temperature rise, high efficiency, stable operation, safe and reliable.

# THE STARCOLD AIR CURTAIN FUNCTIONS

Powerful isolation, Efficient and energy saving

## Dust-proof, insect prevention

Starcold curtain creates high speed and strong air flow, preventing dust from outside efficiently, keeping clean indoor environment.

## Isolate the smell

Air curtain's high speed air flow can isolate outdoor gas and oil, poisonous gas. It also resists smells from kitchen, dining hall, chemical laboratory, freezer etc. Creating a fresh and comfortable environment.

## Energy saving

The air door separates outdoor from indoor, resisting the escape of indoor cold air/warm air. Thus, it can save the energy consumption of air conditioner in a huge extent. Taking an important role for keeping constant temperature and saving energy in shops, restaurants, and other entertainment places, where have huge flow of people.



# Door Switch Technology

Perfect unity of equipment and architecture

Magnetic door switch is an additional switch device, which can be used for remote control and key switch type air curtains. The Air Curtain will start automatically when the door opened and shut down automatically after the door is closed.

**STARCOLD** curtain can be combined with weak or strong electricity door switch, and it is more convenient and energy-saving.

## Intelligence

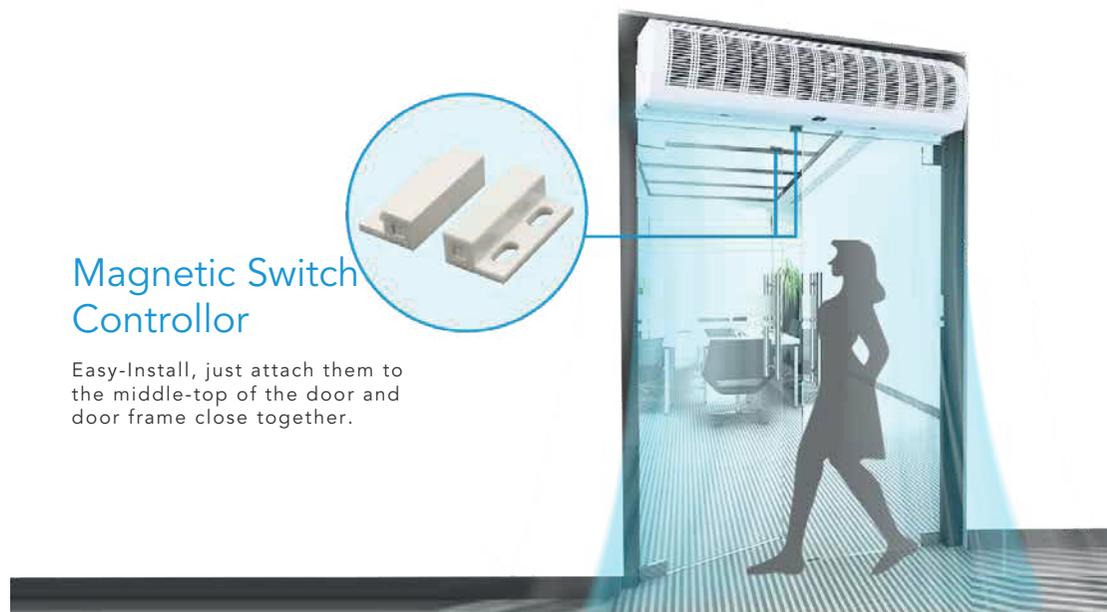
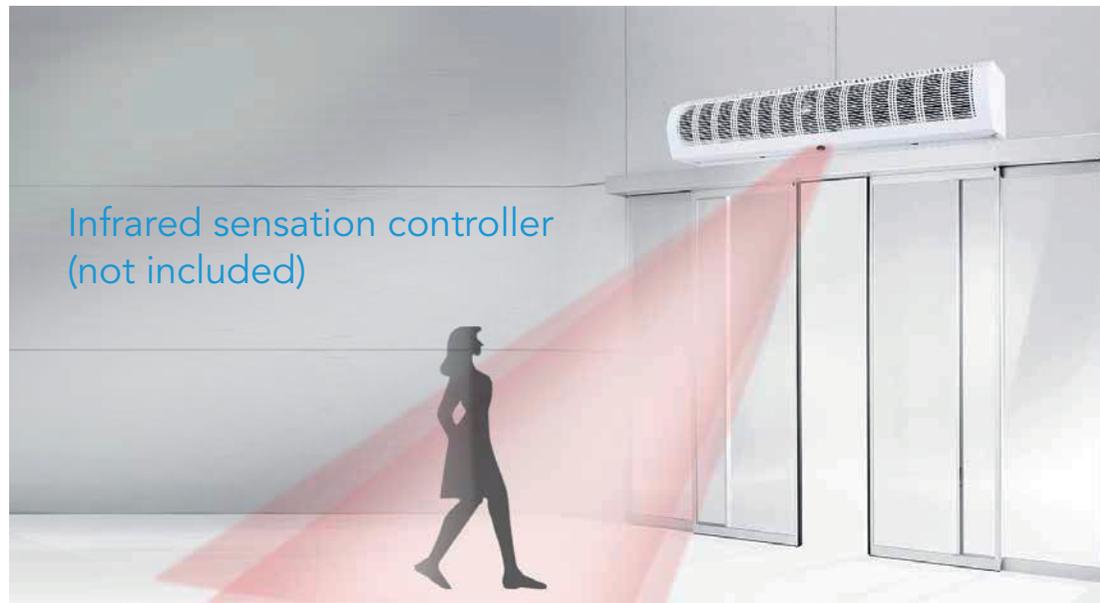
Intelligent induction design can start automatically when the door opened and shut down automatically after the door is closed.

## Energy-saving

Timely opening. reduce energy consumption, energy saving.

## Comfort

Automatic control, practical and convenience, more humanize



# Application Scenario

Perfect unity of equipment and architecture

Magnetic switch controller is an additional switch device, which can be used for remote control and key switch type air curtains. The air curtain will start automatically when the door opened and shut down automatically after the door is closed.





# NATURAL WIND AIR CURTAIN

A good partner with air conditioner, keep the indoor cool air more efficient. The invisible air door which maintaining clean and fresh air for the indoor environment.



# X5 CENTRIFUGAL AIR CURTAIN

Widely used in warehouses, stations, environmental protection and hygiene stations, etc



## Energy Saving

Cooper motor keep the high performance. Keep running for 8000 hours trouble-free low noise, strong and stable air speed.



## Unique Design

Full metal new panel design unique Curved design Rustless with powder spay.



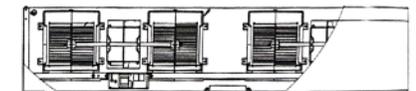
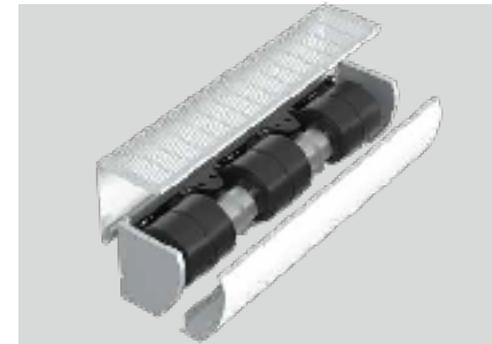
## Flexible Options

Multipul sizes for different width doors.

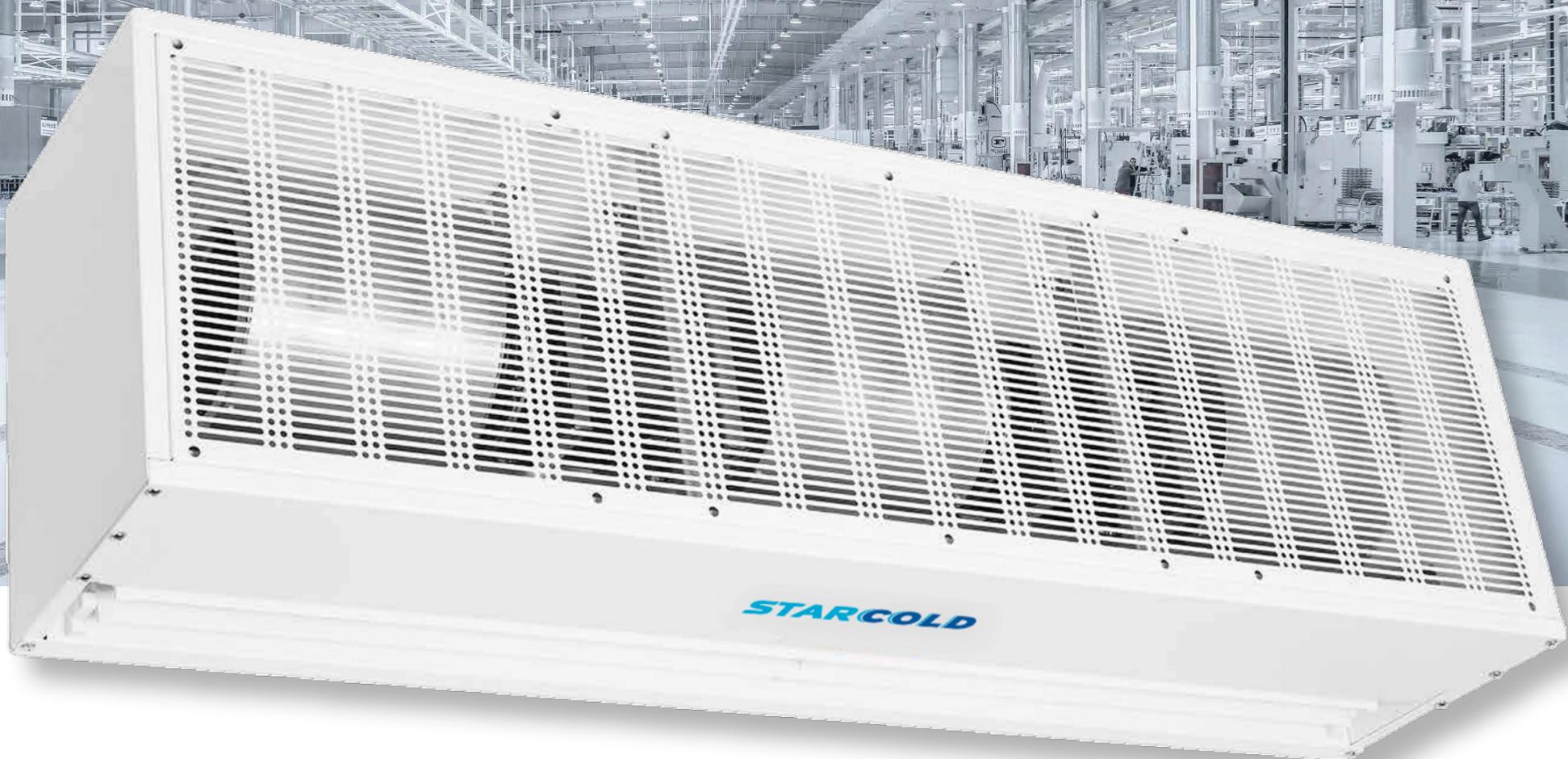


## Control Options

Remote control and switch for your choose two speeds for different needs.



Model	Voltage (V)	Frequency (Hz)	Power (W)	Air Volume (m <sup>3</sup> /h)		Air Velocity (m/s)		Noise (dB)	Net Weight (kg)	Gross Weight (kg)	Unit. Size (mm)	Carton Size (mm)	Mounting Height (m)
				H	L	H	L						
FM-3509S-L/Y(X5)	220-240	50/60	260	1260	1000	17	14	50	12.5	15.0	900x225x235	950x265x285	3.5-4.0
FM-3512S-L/Y(X5)	220-240	50/60	350	1700	1400	17	14	51	15.0	17.5	1200x225x235	1250x265x285	
FM-3515S-L/Y(X5)	220-240	50/60	440	2100	1700	17	14	52	20.0	22.5	1500x225x235	1550x265x285	
FM-3518S-L/Y(X5)	220-240	50/60	540	2500	2000	17	14	53	23.5	26.0	1800x225x235	1850x265x285	



**STARCOLD**

# INDUSTRIAL SERIES AIR CURTAIN

Widely used in warehouses, stations, environmental protection and hygiene stations, etc



## Energy Saving

Cooper motor keep the high performance. Keep running for 8000 hours trouble-free low noise, strong and stable air speed.



## Unique Design

Full metal new panel design unique Curved design Rustless with powder spay.



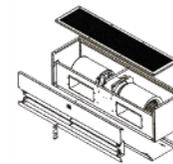
## Flexible Options

Multipul sizes for different width doors.



## Control Options

Remote control and switch for your choose two speeds for different needs.



Model	Volt/Hz/Ph	Power (W)	Air Volume (m³/h)	Air Velocity (m/s)	Noise (dB)	Net Weight (kg)	Gross Weight (kg)	Unit. Size (mm)	Carton Size (mm)	Mounting Height (m)
FM-6010S	220V - 60Hz - 3Ph	1400	4200	28	65	33.6	31.0	1000x310x355	1075x380x420	
FM-6015S	220V - 60Hz - 3Ph	2700	7700	28	69	51.0	55.0	1500x310x355	1575x380x420	6.0-8.0
FM-6020S	220V - 60Hz - 3Ph	3300	9200	28	72	69.0	67.0	2000x310x355	2075x380x420	

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