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**Air Curtain**

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Your best choice

AirVent Fan Motor Industry Co., Ltd  
冷通机电工业有限公司

**airvent** • AIR CURTAIN MACHINE MAKER

# airvent | 公司简介

company introduction

Airvent Fan Motor Industry Co., Ltd, is a professional high-tech company specialized in development and production of various kinds of fans and motors. The factory was found in 1998 with an area of more than 10000 m.

Our products mainly include external rotor axial fans, centrifugal fans, and shaded-pole motors. The products are extensively applied to refrigeration, ventilation, air conditioning, medical treatment, telecom and other equipments.

We have accomplished great achievements as we invested more resources and effort in new products, new crafts, new equipments and new management. Currently we own a large number of patents, and we have passed ISO9001:2000, CE, RoHS and CCC certification. Till now, we have been awarded with honorary titles such as the High-tech Enterprise and Famous Trademark.

As for business and market expansion, our products are being sold to more than 30 provinces and cities in China and more than 20 foreign countries in Europe, Africa, Southern America, the Middle East Southeast Asia etc.

We adhere to quality and innovation, and look forward to future cooperation with you.



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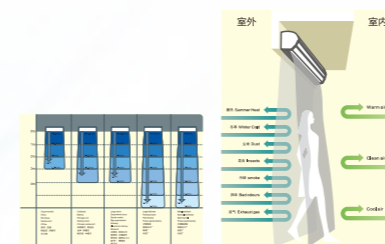
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# Air Curtain

## Simple cross-flow Air Curtain (Iron)

Perfect craftsmanship, simple shape, beauty is beauty  
Elegant white overall appearance, generous and concise, natural, excellent performance, bringing you an extraordinary experience.



Independent air deflector design, the wind direction can be adjusted at will, and is suitable for various use environments



Adopt new remote control or key switch, high and low speed regulation function



Ultra-thin apartment design, more convenient installation



Adopt optimized motor, reliable performance, lasting 5000 hours without failure



The new grille panel can be disassembled and washed at will, which is convenient and fast



Metal appearance, nano spraying, fire and corrosion resistance

Model	Dimension (mm)	Voltage (V)	Frequency (HZ )	Input power (W)		Wind speed (m/s)		Air flow (m3/h)		Noise (dB)		Height (m)	Weight (kg)
				High	Low	High	Low	High	Low	High	Low		
AV-1106GK	600*145*175	220	60	95	85	11	9.5	770	700	58	56	2.5	5
AV-1109GK	900*145*175	220	60	100	90	11	9.5	1260	1140	58	56	2.5	5.9
AV-1110GK	1000*145*175	220	60	110	100	11	9.5	1440	1300	58	56	2.5	6.1
AV-1112GK	1200*145*175	220	60	125	105	11	9.5	1800	1620	60	58	2.5	7.15
AV-1115GK	1500*145*175	220	60	185	155	11	9.5	2350	2100	62	60	2.5	8.45
AV-1118GK	1800*145*175	220	60	230	200	11	9.5	2880	2590	65	62	2.5	11.2
AV-1120GK	2000*145*175	220	60	240	205	11	9.5	3240	2910	66	63	2.5	12.2

# Air Curtain

## Classic ultra-thin cross-flow Air Curtain(Iron)

Contracted, structure more reasonable, the network hot style.



Independent air deflector design, the wind direction can be adjusted at will, and is suitable for various use environments



Adopt new remote control or key switch, high and low speed regulation function



Ultra-thin apartment design, more convenient installation



Adopt optimized motor, reliable performance, lasting 5000 hours without failure



The new grille panel can be disassembled and washed at will, which is convenient and fast



Metal appearance, nano spraying, fire and corrosion resistance

Model	Dimension (mm)	Voltage (V)	Frequency (HZ )	Input power (W)		Wind speed (m/s)		Air flow (m3/h)		Noise (dB)		Height (m)	Weight (kg)
				High	Low	High	Low	High	Low	High	Low		
AV-1109GKA	900*160*185	220	60	100	90	11	9.5	1260	1140	58	56	2.5	7.7
AV-1110GKA	1000*160*185	220	60	110	100	11	9.5	1440	1300	58	56	2.5	8.2
AV-1112GKA	1200*160*185	220	60	125	105	11	9.5	1800	1620	60	58	2.5	9.4
AV-1115GKA	1500*160*185	220	60	185	155	11	9.5	2350	2100	62	60	2.5	11.5
AV-1118GKA	1800*160*185	220	60	230	200	11	9.5	2880	2590	65	62	2.5	13.6
AV-1120GKA	2000*160*185	220	60	240	205	11	9.5	3240	2910	66	63	2.5	14.5

# Air Curtain

## Classic cross-flow Air Curtain(Iron)



Independent air deflector design, the wind direction can be adjusted at will, and is suitable for various use environments



Adopt new remote control or key switch, high and low speed regulation function



Ultra-thin apartment design, more convenient installation



Adopt optimized motor, reliable performance, lasting 5000 hours without failure



The new grille panel can be disassembled and washed at will, which is convenient and fast



Metal appearance, nano spraying, fire and corrosion resistance

Model	Dimension (mm)	Voltage (V)	Frequency (HZ )	Input power (W)		Wind speed (m/s)		Air flow (m3/h)		Noise (dB)		Height (m)	Weight (kg)
				High	Low	High	Low	High	Low	High	Low		
AV-1209GK	900*216*191	220	60	160	145	12	10	1580	1350	57	55	3	10.8
AV-1210GK	1000*216*191	220	60	175	160	12	10	1800	1550	57	55	3	11.8
AV-1212GK	1200*216*191	220	60	220	195	12	10	2260	1950	58	56	3	14
AV-1215GK	1500*216*191	220	60	280	245	12	10	2950	2550	59	57	3	15.8
AV-1218GK	1800*216*191	220	60	330	295	12	10	3600	3100	60	58	3	18
AV-1220GK	2000*216*191	220	60	360	305	12	10	4050	3500	60	58	3	19

# Air Curtain

## Classic cross-flow Air Curtain-Remote control(Iron)



Independent air deflector design, the wind direction can be adjusted at will, and is suitable for various use environments



Adopt new remote control or key switch, high and low speed regulation function



Ultra-thin apartment design, more convenient installation



Adopt optimized motor, reliable performance, lasting 5000 hours without failure



The new grille panel can be disassembled and washed at will, which is convenient and fast



Metal appearance, nano spraying, fire and corrosion resistance

Model	Dimension (mm)	Voltage (V)	Frequency (HZ )	Input power (W)		Wind speed (m/s)		Air flow (m3/h)		Noise (dB)		Height (m)	Weight (kg)
				High	Low	High	Low	High	Low	High	Low		
AV-1209GY	900*216*191	220	60	160	145	12	10	1580	1350	57	55	3	10.8
AV-1210GY	1000*216*191	220	60	175	160	12	10	1800	1550	57	55	3	11.8
AV-1212GY	1200*216*191	220	60	220	195	12	10	2260	1950	58	56	3	14
AV-1215GY	1500*216*191	220	60	280	245	12	10	2950	2550	59	57	3	15.8
AV-1218GY	1800*216*191	220	60	330	295	12	10	3600	3100	60	58	3	18

# Air Curtain

## Hercules Tubular Air Curtain(Iron)



Independent air deflector design, the wind direction can be adjusted at will, and is suitable for various use environments



Adopt new remote control or key switch, high and low speed regulation function



Using unequal distance super large cross-flow wind wheel, the wind is stronger and the scope of application is wider;



Adopt optimized motor, reliable performance, lasting 5000 hours without failure



The new grille panel can be disassembled and washed at will, which is convenient and fast



Metal appearance, nano spraying, fire and corrosion resistance

Model	Dimension	Voltage	Frequency	Input power (W)		Wind speed (m/s)		Air flow (m3/h)		Noise (dB)		Height (m)	Weight (kg)
	(mm)			(V)	(HZ )	High	Low	High	Low	High	Low		
AV-1509GK	900*261*235	220	60	300	265	15	13	2450	2100	60	58	4	15
AV-1512GK	1200*261*235	220	60	385	340	15	13	3420	2950	65	62	4	18.8
AV-1515GK	1500*261*235	220	60	470	420	15	13	4430	3830	68	65	4	24
AV-1518GK	1800*261*235	220	60	560	485	15	13	5500	4700	70	68	4	27

# Air Curtain

## Industrial storm type Air Curtain



Independent air deflector design, the wind direction can be adjusted at will, and is suitable for various use environments



Adopt new remote control or key switch, high and low speed regulation function



Using unequal distance super large cross-flow wind wheel, the wind is stronger and the scope of application is wider;



Adopt optimized motor, reliable performance, lasting 5000 hours without failure



The new grille panel can be disassembled and washed at will, which is convenient and fast




Metal appearance, nano spraying, fire and corrosion resistance


Model	Dimension	Voltage	Frequency	Input power (W)		Wind speed (m/s)		Air flow (m3/h)		Noise (dB)		Height (m)	Weight (kg)
	(mm)			(V)	(HZ )	High	Low	High	Low	High	Low		
AV-1909	900*270*295	220	60	550	385	18.5	16	3040	2680	65	62	6	17
AV-1912	1200*270*295	220	60	720	500	18.5	16	4300	3800	68	65	6	20
AV-1915	1500*270*295	220	60	930	700	18.5	16	5600	4900	70	68	6	27


## Air Curtain


### Switch type classic electric heating Air Curtain(Iron)





- 

High-performance constant temperature surface non-charged ceramic heating element, leading technology, safe and energy-saving;
- 

60 seconds delay shutdown to ensure the normal temperature of the PTC heating element, considerate and thoughtful protection:
- 

Heating type and natural wind can be selected at will, one key and two choices;
- 

Adopt new remote control or key switch, high and low speed regulation function
- 

Independent air deflector design, the wind direction can be adjusted at will, and is suitable for various use
- 


Adopt optimized motor, reliable performance, lasting 5000 hours without failure


Model	Dimension	Heating bar rated voltage	Voltage	Frequency	Input power		Air flow	Air volume	Noise	Height	Weight
	(mm)	(V)	(HZ)	(HZ)	cold (W)	heat (KW)	(m/s)	(m <sup>3</sup> /h)	(dB)	(m)	(kg)
AV-0809SK	900*216*191	380	220	60	92	8	8	1080	55	3	12.5
AV-0812SK	1200*216*191	380	220	60	135	12	8	1560	56	3	15
AV-0815SK	1500*216*191	380	220	60	155	16	8	2000	58	3	18.5


## Air Curtain


### Remote control classic electric heating Air Curtain(Iron)





- 

High-performance constant temperature surface non-charged ceramic heating element, leading technology, safe and energy-saving;
- 

60 seconds delay shutdown to ensure the normal temperature of the PTC heating element, considerate and thoughtful protection:
- 

Heating type and natural wind can be selected at will, one key and two choices;
- 

Adopt new remote control or key switch, high and low speed regulation function
- 

Independent air deflector design, the wind direction can be adjusted at will, and is suitable for various use environments
- 

Adopt optimized motor, reliable performance, lasting 5000 hours without failure

Model	Dimension	Heating bar rated voltage	Voltage	Frequency	Input power		Air speed (m/s)		Air volume (m <sup>3</sup> /h)		Noise(dB)		Height
	(mm)	(V)	(V)	(HZ)	cold (W)	heat (KW)	High	Low	High	Low	High	Low	(m)
AV-0809SY	900*216*191	380	220	60	92	8	8	7	1080	980	55	52	3
AV-0812SY	1200*216*191	380	220	60	135	12	8	7	1560	1400	56	53	3
AV-0815SY	1500*216*191	380	220	60	155	16	8	7	2000	1800	58	55	3
AV-0818SY	1800*216*191	380	220	60	185	20	8	7	2480	2240	60	57	3



# Air Curtain

## Three-phase Hercules Air Curtain



Independent air deflector design, the wind direction can be adjusted at will, and is suitable for various use environments



Adopt new remote control or key switch, high and low speed regulation function



Using unequal distance super large cross-flow wind wheel, the wind is stronger and the scope of application is wider;



Adopt optimized motor, reliable performance, lasting 5000 hours without failure



The new grille panel can be disassembled and washed at will, which is convenient and fast



Metal appearance, nano spraying, fire and corrosion resistance

Model	Dimension (mm)	Voltage (V)	Frequency (HZ )	Input power (W)	Wind speed (m/s)	Air flow (m3/h)	Noise (dB)	Height (m)	Weight (kg)
AV-1509GK	900*261*235	380	60	200	15	2450	60	4	23
AV-1512GK	1200*261*235	380	60	385	15	3420	65	4	27
AV-1515GK	1500*261*235	380	60	470	15	4430	68	4	33
AV-1518GK	1800*261*235	380	60	560	15	5500	70	4	37

# Air Curtain

## Three-phase industrial storm type Air Curtain



Independent air deflector design, the wind direction can be adjusted at will, and is suitable for various use environments



Adopt new remote control or key switch, high and low speed regulation function



Using unequal distance super large cross-flow wind wheel, the wind is stronger and the scope of application is wider;



Adopt optimized motor, reliable performance, lasting 5000 hours without failure



The new grille panel can be disassembled and washed at will, which is convenient and fast



Metal appearance, nano spraying, fire and corrosion resistance

Model	Dimension (mm)	Voltage (V)	Frequency (HZ )	Input power (W)	Wind speed (m/s)	Air flow (m3/h)	Noise (dB)	Height (m)	Weight (kg)
AV-2009	900*270*295	380	60	550	20	3200	65	6	25
AV-2012	1200*270*295	380	60	720	20	4500	68	6	29
AV-2015	1500*270*295	380	60	930	20	5900	70	6	37

# Air Curtain

## Luxury centrifugal Air Curtain(Aluminum)

Fuselage does not use screw Design,Simple and beautiful



Independent air deflector design, the wind direction can be adjusted at will, and is suitable for various use environments



Adopt optimized motor, reliable performance, lasting 5000 hours without failure



Humanized design



Adopt new remote control or key switch, high and low speed regulation function



The air inlet panel is removable and easy to clean



900mm, 1000mm, 1200mm, 1500mm, 1800mm various specifications can be freely matched

Model	Dimension (mm)	Voltage (V)	Frequency (HZ)	Input power (W)			Wind speed (m/s)			Air volume (m³/h)		Height (m)	Weight (kg)		
				High	Medium	Low	High	Medium	Low	High	Low				
AV-1809LSY	900*235*210	220	60	352	300	261	17.5	15	12.5	1200	880	56	51	4	13.5
AV-1810LSY	1000*235*210	220	60	368	311	267	17.5	15	12.5	1200	880	56	51	4	13.5
AV-1812LSY	1200*235*210	220	60	422	337	285	17.5	15	12.5	1560	1150	58	52	4	16.5
AV-1815LSY	1500*235*210	220	60	533	431	369	17.5	15	12.5	2000	1500	60	54	4	22
AV-1818LSY	1800*235*210	220	60	607	478	405	17.5	15	12.5	2350	1700	60	58	4	29
AV-2109LSY	900*235*210	220	60	420	345	306	21	17	15.5	1400	1050	56	51	5.5	14
AV-2110LSY	1000*235*210	220	60	430	355	316	21	17	15.5	1400	1050	56	51	5.5	14
AV-2112LSY	1200*235*210	220	60	540	430	380	21	17	15.5	1850	1430	58	52	5.5	17
AV-2115LSY	1500*235*210	220	60	690	560	496	21	17	15.5	2300	1780	60	54	5.5	23
AV-2118LSY	1800*235*210	220	60	810	645	570	21	17	15.5	2760	2140	60	58	5.5	30

# Air Curtain

## Function and use

### Create a comfortable indoor environment

Airvent air curtains produce high-speed first-rate, dividing indoor and outdoor into two separate temperature zones. Maintain the effect of indoor air conditioning and air purification. While saving electricity, it also circulates air to effectively isolate microorganisms such as dust, smoke, odor and insects.

### Prevent the outflow of cold (warm) air and save electricity

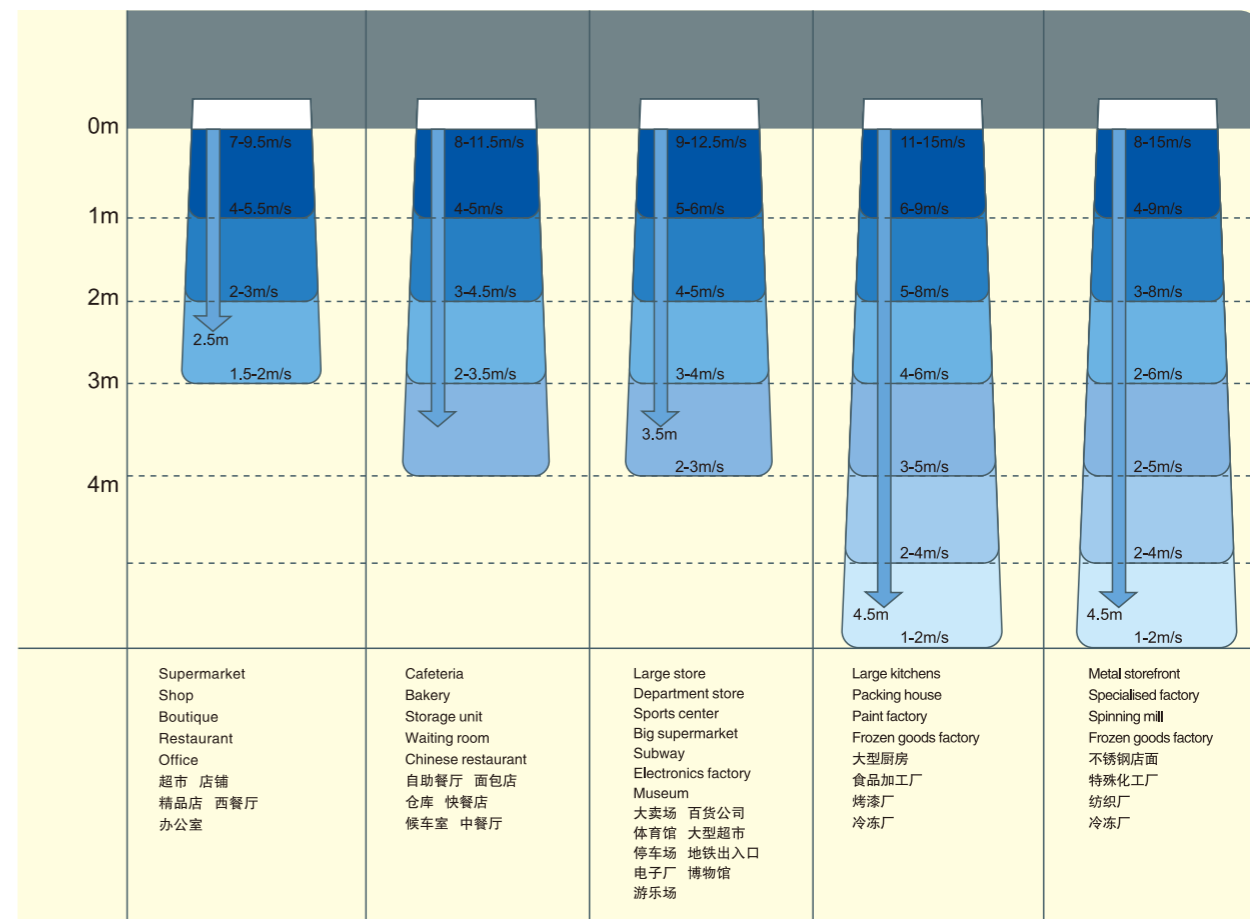
The continuously formed air door can effectively prevent the leakage of cold (warm) air and save electricity. It divides the indoor and outdoor into two independent temperature zones. When the air conditioner is running for a long time, the auxiliary circulation adjusts the temperature to save energy and improve the environment. Purpose.

### Dust-proof and insect-proof efficiency

The Airvent air curtain generates high-speed airflow, forming a protective door, which can effectively block the intrusion of outdoor dust and flying insects and keep it clean.

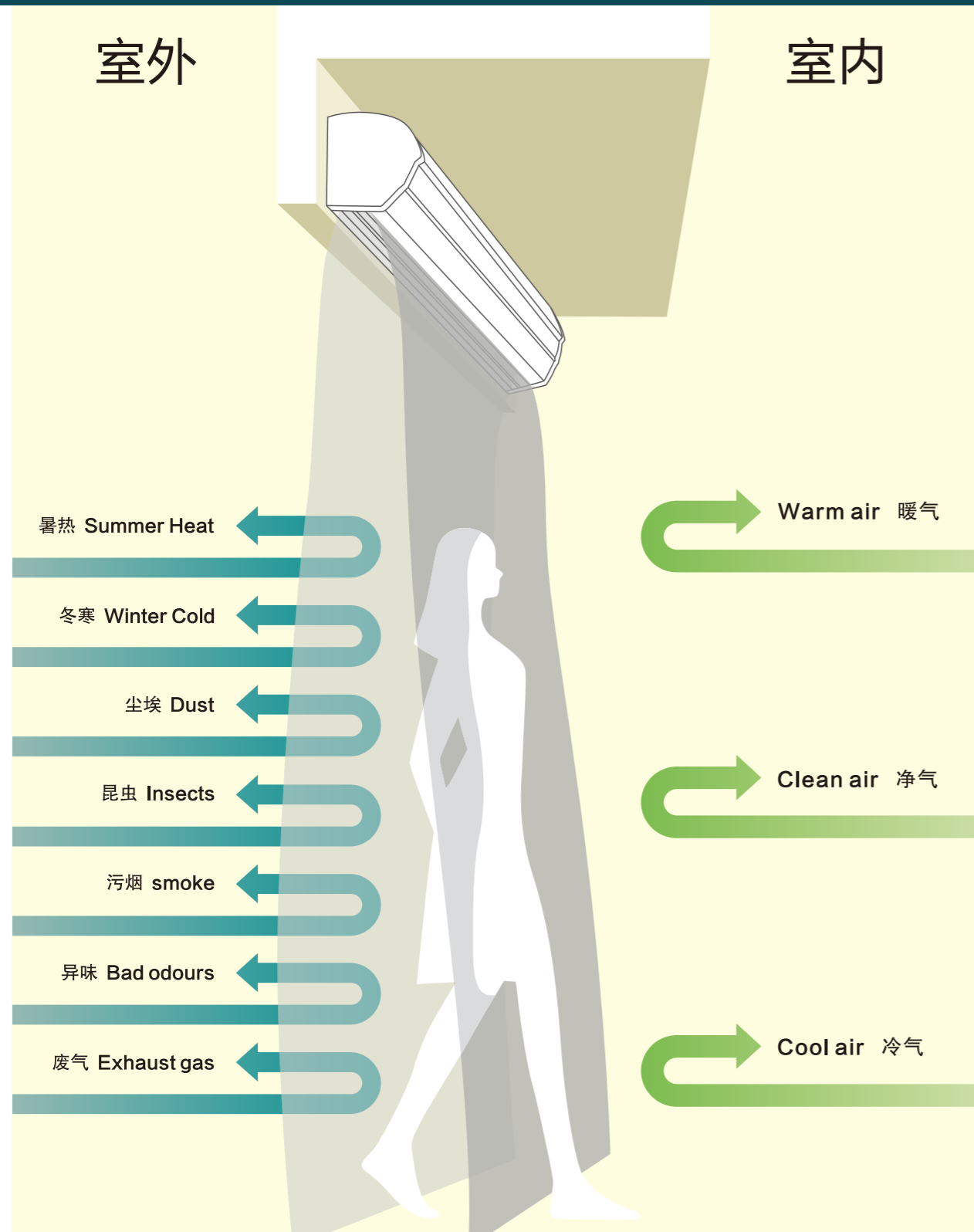
### Anti-smoke and harmful gas effect

The air circulation system of the Airvent air curtain can prevent the dispersion of the spicy smell of indoor oil fume and the harmful gases such as industrial waste gas and automobile exhaust from entering the room.



# Air Curtain

## Working Principle



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# Air Curtain

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