

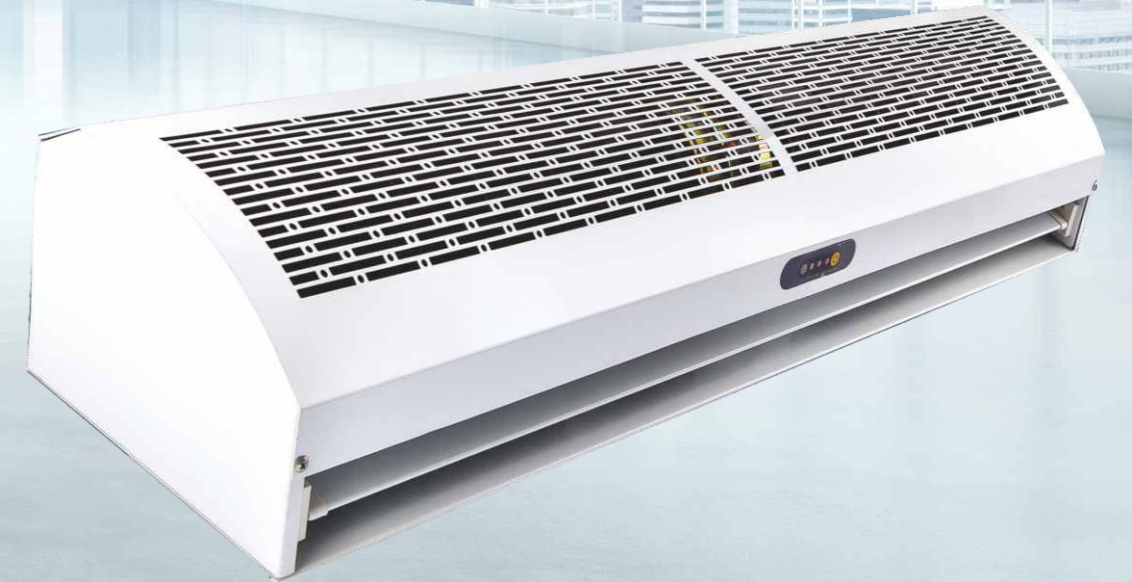
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**Air Curtain**

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

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# 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.





## Catalog



Simple cross-flow Air Curtain (Iron)

01



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

02



Classic cross-flow Air Curtain (Iron)

03



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

04



Hercules Tubular Air Curtain (Iron)

05



Industrial storm type Air Curtain

06



Switch type classic electric heating Air Curtain (Iron)

07



Remote control classic electric heating Air Curtain (Iron)

08



Three-phase Hercules Air Curtain

09



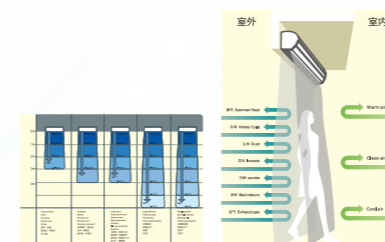
Three-phase industrial storm type Air Curtain

10



Luxury centrifugal Air Curtain (Aluminum)

11



Function and use Working Principle

12-14

# 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	50	88	77	10.5	9.5	770	700	58	56	2.5	5
AV-1109GK	900*145*175	220	50	90	78	10.5	9.5	1260	1140	58	56	2.5	5.9
AV-1110GK	1000*145*175	220	50	95	85	10.5	9.5	1440	1300	58	56	2.5	6.1
AV-1112GK	1200*145*175	220	50	110	98	10.5	9.5	1800	1620	60	58	2.5	7.15
AV-1115GK	1500*145*175	220	50	130	120	10.5	9.5	2350	2100	62	60	2.5	8.45
AV-1118GK	1800*145*175	220	50	160	130	10.5	9.5	2880	2590	65	62	2.5	11.2
AV-1120GK	2000*145*175	220	50	190	150	10.5	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	50	90	78	10.5	9.5	1260	1140	58	56	2.5	7.7
AV-1110GKA	1000*160*185	220	50	95	85	10.5	9.5	1440	1300	58	56	2.5	8.2
AV-1112GKA	1200*160*185	220	50	110	98	10.5	9.5	1800	1620	60	58	2.5	9.4
AV-1115GKA	1500*160*185	220	50	130	120	10.5	9.5	2350	2100	62	60	2.5	11.5
AV-1118GKA	1800*160*185	220	50	160	130	10.5	9.5	2880	2590	65	62	2.5	13.6
AV-1120GKA	2000*160*185	220	50	190	150	10.5	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	Voltage	Frequency	Input power (W)		Wind speed (m/s)		Air flow (m <sup>3</sup> /h)		Noise (dB)		Height (m)	Weight (kg)
	(mm)			(V)	(HZ )	High	Low	High	Low	High	Low		
AV-1209GK	900*216*191	220	50	135	130	11.5	9.5	1580	1350	57	55	3	10.8
AV-1210GK	1000*216*191	220	50	145	140	11.5	9.5	1800	1550	57	55	3	11.8
AV-1212GK	1200*216*191	220	50	165	160	11.5	9.5	2260	1950	58	56	3	14
AV-1215GK	1500*216*191	220	50	225	215	11.5	9.5	2950	2550	59	57	3	15.8
AV-1218GK	1800*216*191	220	50	280	270	11.5	9.5	3600	3100	60	58	3	18
AV-1220GK	2000*216*191	220	50	290	280	11.5	9.5	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	Voltage	Frequency	Input power (W)		Wind speed (m/s)		Air flow (m <sup>3</sup> /h)		Noise (dB)		Height (m)	Weight (kg)
	(mm)			(V)	(HZ )	High	Low	High	Low	High	Low		
AV-1209GY	900*216*191	220	50	135	130	11.5	9.5	1580	1350	57	55	3	10.8
AV-1210GY	1000*216*191	220	50	145	140	11.5	9.5	1800	1550	57	55	3	11.8
AV-1212GY	1200*216*191	220	50	165	160	11.5	9.5	2260	1950	58	56	3	14
AV-1215GY	1500*216*191	220	50	225	215	11.5	9.5	2950	2550	59	57	3	15.8
AV-1218GY	1800*216*191	220	50	280	270	11.5	9.5	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 (V)	Frequency (HZ )	Input power (W)		Wind speed (m/s)		Air flow (m3/h)		Noise (dB)		Height (m)	Weight (kg)
	(mm)			High	Low	High	Low	High	Low	High	Low		
AV-1509GK	900*261*235	220	50	250	240	14.5	12.5	2450	2100	60	58	4	15
AV-1512GK	1200*261*235	220	50	320	310	14.5	12.5	3420	2950	65	62	4	18.8
AV-1515GK	1500*261*235	220	50	390	380	14.5	12.5	4430	3830	68	65	4	24
AV-1518GK	1800*261*235	220	50	450	440	14.5	12.5	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 (V)	Frequency (HZ )	Input power (W)		Wind speed (m/s)		Air flow (m3/h)		Noise (dB)		Height (m)	Weight (kg)
	(mm)			High	Low	High	Low	High	Low	High	Low		
AV-1809	900*270*295	220	50	460	350	18	16	3040	2680	65	62	6	17
AV-1812	1200*270*295	220	50	600	460	18	16	4300	3800	68	65	6	20
AV-1815	1500*270*295	220	50	780	638	18	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	50	92	8	8	1080	55	3	12.5
AV-0812SK	1200*216*191	380	220	50	135	12	8	1560	56	3	15
AV-0815SK	1500*216*191	380	220	50	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	50	92	8	8	7	1080	980	55	52	3
AV-0812SY	1200*216*191	380	220	50	135	12	8	7	1560	1400	56	53	3
AV-0815SY	1500*216*191	380	220	50	155	16	8	7	2000	1800	58	55	3
AV-0818SY	1800*216*191	380	220	50	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	50	250	14.5	2450	60	4	23
AV-1512GK	1200*261*235	380	50	320	14.5	3420	65	4	27
AV-1515GK	1500*261*235	380	50	390	14.5	4430	68	4	33
AV-1518GK	1800*261*235	380	50	450	14.5	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-1909	900*270*295	380	50	460	19	3200	65	6	25
AV-1912	1200*270*295	380	50	600	19	4500	68	6	29
AV-1915	1500*270*295	380	50	780	19	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-1709LSY	900*235*210	220	50	283	257	237	16.5	15	12.5	1200	880	56	51	4	13.5
AV-1710LSY	1000*235*210	220	50	303	276	249	16.5	15	12.5	1200	880	56	51	4	13.5
AV-1712LSY	1200*235*210	220	50	358	314	281	16.5	15	12.5	1560	1150	58	52	4	16.5
AV-1715LSY	1500*235*210	220	50	428	380	342	16.5	15	12.5	2000	1500	60	54	4	22
AV-1718LSY	1800*235*210	220	50	479	413	370	16.5	15	12.5	2350	1700	60	58	4	29
AV-2009LSY	900*235*210	220	50	363	311	283	20	17	15.5	1400	1050	56	51	5.5	14
AV-2010LSY	1000*235*210	220	50	373	321	293	20	17	15.5	1400	1050	56	51	5.5	14
AV-2012LSY	1200*235*210	220	50	445	368	356	20	17	15.5	1850	1430	58	52	5.5	17
AV-2015LSY	1500*235*210	220	50	585	488	460	20	17	15.5	2300	1780	60	54	5.5	23
AV-2018LSY	1800*235*210	220	50	666	552	535	20	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

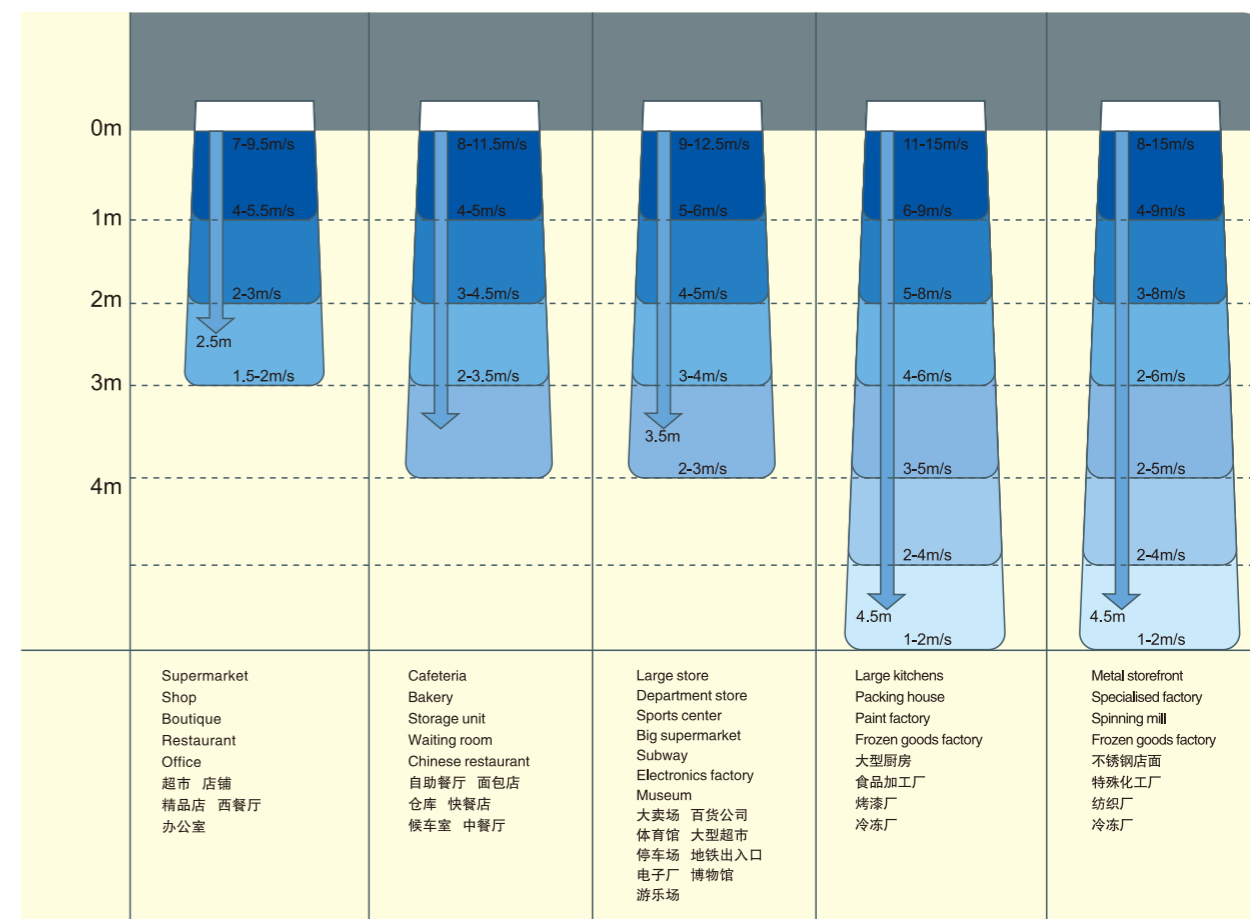
The continuously formed air door can effectively prevent the leakage of cold (warm) air and save electricity. It divides the indoor and outdoor into two independent temperature zones. When the air conditioner is running for a long time, the auxiliary circulation adjusts the temperature to save energy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

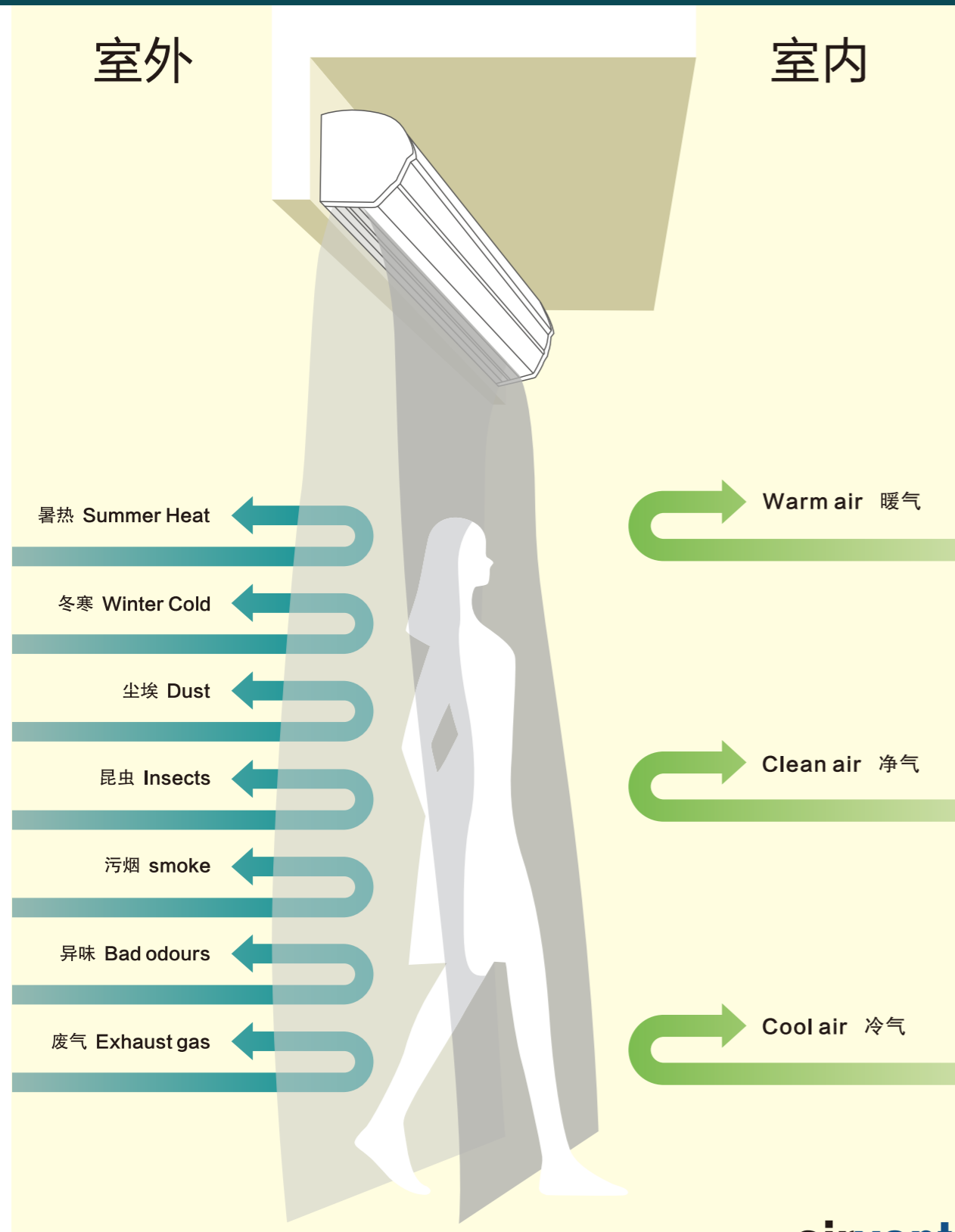
### Anti-smoke and harmful gas effect

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



airvent

# Air Curtain

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