

SPECIFICATION

	Model No.	Voltage [V]	Hz	Air Volume				Consumption [W]		Current [A]		Outlet Velocity [m/s]		Noise [dB(A)]		Weight [kg]
				Hi		Lo		Hi	Lo	Hi	Lo	Hi	Lo			
				CMH	CFM	CMH	CFM									
900mm	2509UA	220	50	950	559	840	494	63	55	0.29	0.28	8.5	7.5	44.0	41.5	12.0
		230	50	970	571	870	512	67	60	0.30	0.28	8.5	7.5	45.0	42.5	
		240	50	940	553	860	506	80	70	0.36	0.34	8.5	7.5	44.5	42.0	
	3009UA	220	50	1,000	589	900	530	71	65	0.31	0.29	9.0	8.0	46.0	43.5	12.0
		230	50	1,100	647	920	541	76	70	0.35	0.32	10.5	8.5	48.5	45.0	
		240	50	1,150	677	920	541	98	83	0.43	0.38	11.0	9.0	50.0	45.5	
	3509UA	220	50	1,150	677	960	565	86	80	0.37	0.35	10.5	9.0	50.5	47.5	12.0
		230	50	1,170	689	1,020	600	97	90	0.42	0.39	11.0	9.0	53.0	50.0	
		240	50	1,200	706	1,030	606	115	103	0.50	0.46	11.0	9.5	52.5	49.5	
	4009UA	220	50	1,200	706	1,050	618	99	96	0.42	0.40	11.5	9.5	54.0	51.0	12.5
		230	50	1,340	789	1,190	700	110	94	0.50	0.43	12.0	10.0	54.5	51.0	
		240	50	1,350	795	1,190	700	116	97	0.50	0.43	12.0	10.0	55.5	52.5	
1200mm	2512UA	220	50	1,390	818	1,120	659	141	113	0.62	0.49	13.0	11.0	56.0	51.5	14.0
		230	50	1,360	800	1,200	706	122	100	0.51	0.43	12.5	10.5	56.5	53.5	
		240	50	1,250	736	1,150	677	77	75	0.35	0.34	8.5	7.5	43.0	41.0	
	3012UA	220	50	1,300	765	1,200	706	83	80	0.36	0.35	8.5	7.5	44.5	42.5	14.5
		230	50	1,300	765	1,170	689	89	83	0.39	0.37	8.5	7.5	43.5	41.5	
		240	50	1,350	795	1,250	736	89	86	0.37	0.36	9.0	8.0	46.0	44.0	
	3512UA	220	50	1,400	824	1,270	747	94	85	0.43	0.40	9.5	8.0	48.5	44.5	14.5
		230	50	1,450	853	1,290	759	100	90	0.44	0.41	9.5	8.0	49.5	46.0	
		240	50	1,450	853	1,270	747	117	100	0.52	0.48	9.5	8.0	49.0	45.0	
	4012UA	220	50	1,500	883	1,320	777	107	95	0.46	0.43	10.0	8.5	50.5	47.0	15.5
		230	50	1,550	912	1,300	765	114	100	0.49	0.46	10.5	8.5	49.0	46.0	
		240	50	1,600	942	1,350	795	118	106	0.50	0.46	10.5	8.5	50.0	47.0	
1500mm	2515UA	220	50	1,600	942	1,320	777	134	113	0.58	0.51	10.0	8.0	49.5	46.5	17.5
		230	50	1,650	971	1,400	824	122	112	0.51	0.47	11.0	9.0	51.0	48.0	
		240	50	1,700	1,001	1,530	901	126	105	0.59	0.49	12.0	10.0	52.5	48.5	
	3015UA	220	50	1,750	1,030	1,550	912	132	107	0.59	0.49	12.0	10.0	53.5	50.0	18.0
		230	50	1,770	1,042	1,470	865	155	120	0.68	0.53	12.0	10.0	53.0	49.0	
		240	50	1,800	1,059	1,580	930	139	110	0.60	0.49	12.5	10.5	54.5	51.0	
	3515UA	220	50	1,800	1,059	1,500	883	146	110	0.67	0.52	11.0	9.0	52.0	49.0	18.0
		230	50	1,800	1,059	1,550	912	153	117	0.67	0.53	11.0	9.0	53.0	50.0	
		240	50	1,770	1,042	1,520	895	178	130	0.78	0.57	11.0	9.0	52.5	49.5	
	4015UA	220	50	1,800	1,059	1,600	942	161	125	0.68	0.54	11.5	9.5	54.0	51.0	18.0
		230	50	2,450	1,442	2,080	1,224	177	147	0.81	0.68	13.0	10.0	56.0	52.0	
		240	50	2,470	1,454	2,050	1,207	183	153	0.83	0.68	13.0	10.0	57.0	53.5	
		60	2,400	1,413	1,850	1,089	233	168	1.02	0.74	13.0	9.5	56.5	52.5		
		240	50	2,500	1,471	2,050	1,207	190	160	0.86	0.68	13.5	10.5	58.0	54.5	

Note: 1. The parameters as shown in above table are measured at ambient temperature of 20°C.
 2. The noise value is measured 1.5m far from the product at angle of 45° below the air outlet. The air outlet is the maximum value.
 3. Because the above-mentioned velocity is measured in test laboratory where it's empty, without air flow and obstacle, after actual installation the velocity may vary depends on different service environment.



SINCE 1909 JAPAN

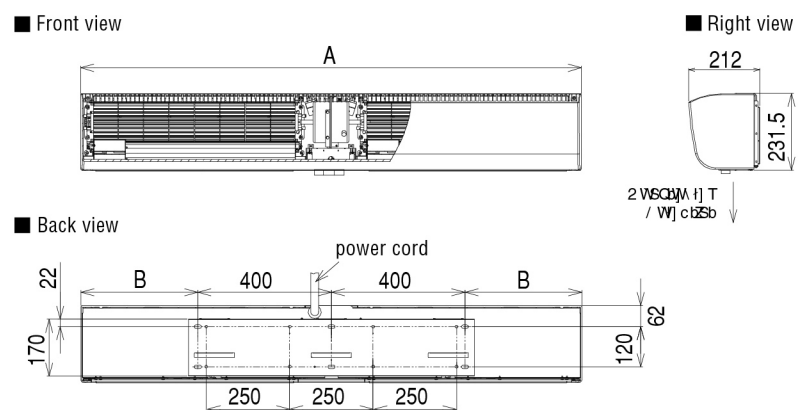
NEW



Shielding Efficiency*
2% UP

AIR CURTAIN

DIMENSION



Unit: mm

Model	A	B
2509UA	900	50
3009UA		
3509UA		
4009UA		
2512UA	1200	200
3012UA		
3512UA		
4012UA		
2515UA	1500	350
3015UA		
3515UA		
4015UA		



Wide & Uniform Airflow



Low Power Consumption



Low Noise



KDK Company, Division of PES
 4017, Takaki-cho, Kasugai, Aichi, Japan
<http://kdk.jp>

* Actual colors may vary slightly from those shown.
 * Specifications are subject to change without prior notice.

CATALOG NO:K-AC003
 PRINTED IN HONG KONG (10.17)

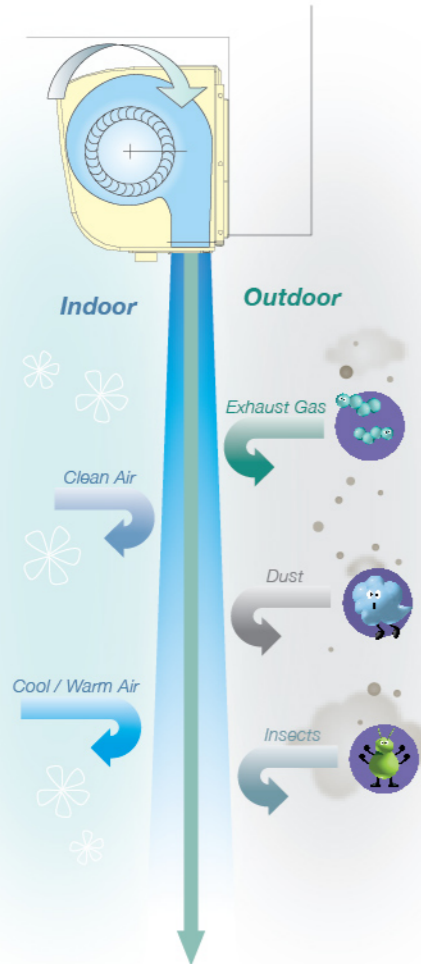
PRODUCT LINEUP

Width	Efficient Distance			
	2.5m	3m	3.5m	4m
900mm	2509UA	3009UA	3509UA	4009UA
1200mm	2512UA	3012UA	3512UA	4012UA
1500mm	2515UA	3015UA	3515UA	4015UA



EFFECTS OF AIR CURTAIN

Doors of a shop need to be opened frequently to let people pass through. However, opening door allows air leaks to outside that increases energy consumption of air conditioning. By using Air Curtain, an invisible air screen will build up to minimize air exchange between the air outdoor and indoor.



II Heating / Cooling Retention

Retains heated or cooled air within the space which entrance is frequently opened such as restaurants, shopping malls, etc. It allows minimum temperature fluctuation in the space area (*1)

II Odor Shielding

Prevents odors from special function rooms, such as vegetable preparation rooms and chemical labs, etc., and also the automobile exhaust fumes from outside street (*1)

II Insect-proof Effect

Checks out annoying, harmful and germ-laden insects to maintain the required health and sanitation standards in the space area (*2)

II Dust-proof Effect

Screens out dirt and dust from outside street that maintains a clean environment for food or clothing stores (*1)

(*1) Outside wind, air flow from air conditioners, using ventilators, etc., may significantly lower the shielding effectiveness.

(*2) The effectiveness against insects depends largely on the kind of insect, surrounding environment, air velocity of the air curtain, etc. If more effective insect prevention is required, use the air curtain in combination with other methods.

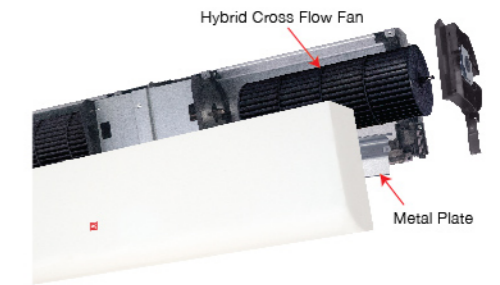
An air curtain's shut-out ability is determined by the air velocity at the center of its airflow. The powerful discharge of KDK Air Curtains enables them to maintain a high level of air velocity within the curtain's efficient distance, resulting in superior shut-out ability.



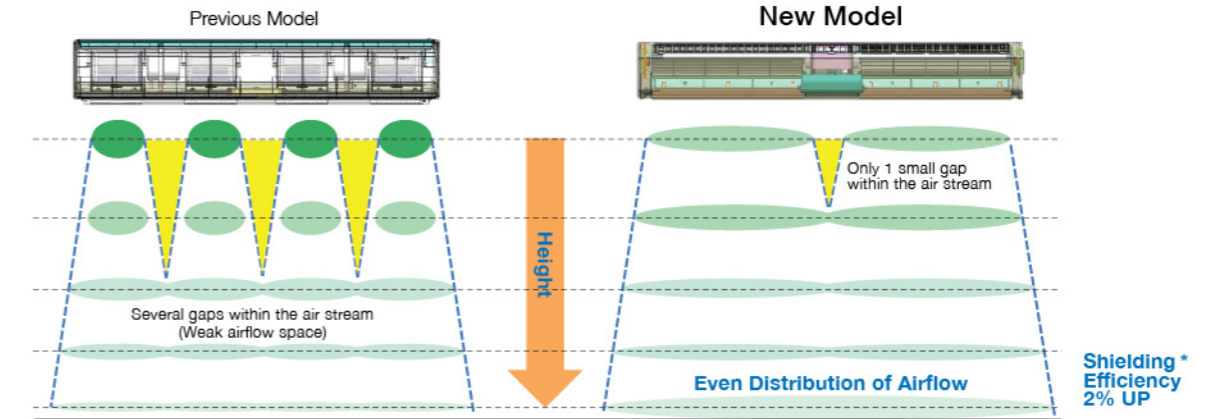
FEATURE HIGHLIGHT

1) Efficient Barrier Effect

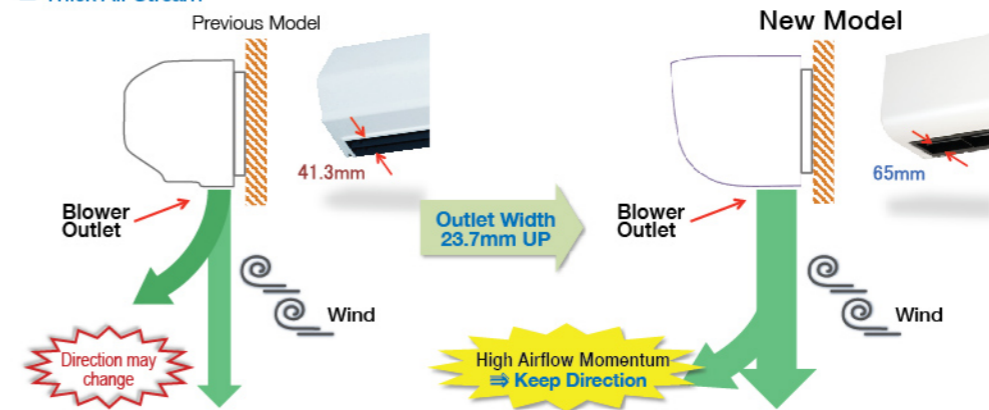
- Hybrid Cross Flow Fan is adopted that airflow distribution is wide and uniform within the air stream while the air volume output can be maintained with low noise level.
- Unique Auxiliary Air Inlet allows more air intake at lower front that enhances airflow output.



Wide and Uniform Airflow

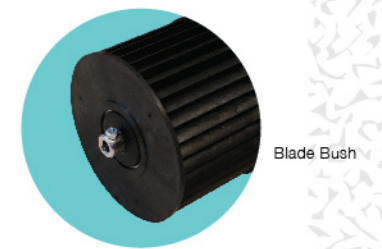


Thick Air Stream



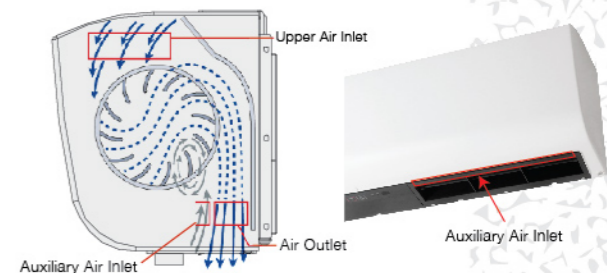
2) Highly Durable

- Resin with glass fiber material is used in the Hybrid Cross Flow Fan. Incorporated with the metal bush, the durability is prolonged significantly.



3) Easy Maintenance

- The Cross Flow Fan can generate air current between the fan and front cover forming movement of dust that reduces accumulation of dust on the fan blade.
- Simple structure allows convenient cleaning of the fan – just detach the front cover and metal plate to clean product interior



4) Contemporary Design

- Modern and streamline outlook fits the décor of interior perfectly. Also, the main air inlet locates at top of the product allowing a neat and clean image.

* As compared with 2509UA and 08ESK