MITSUBISHI ELECTRIC

Air Conditioning

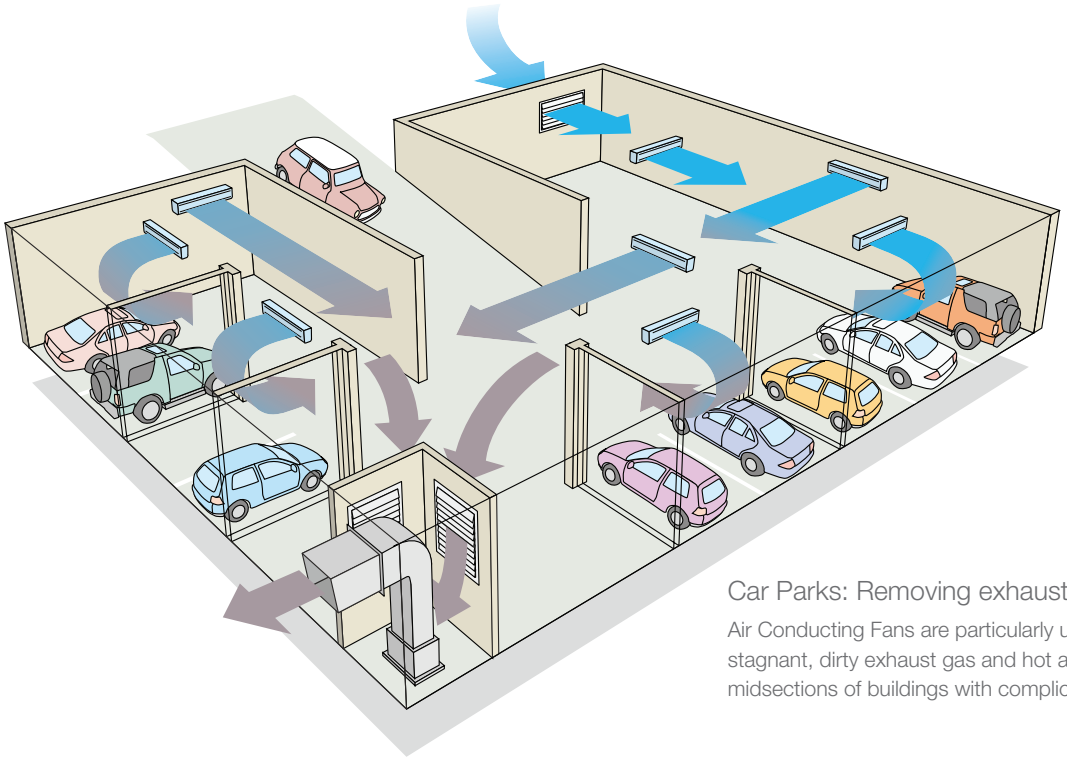
Air Conducting Fan

Air Conducting Fan

AH SERIES

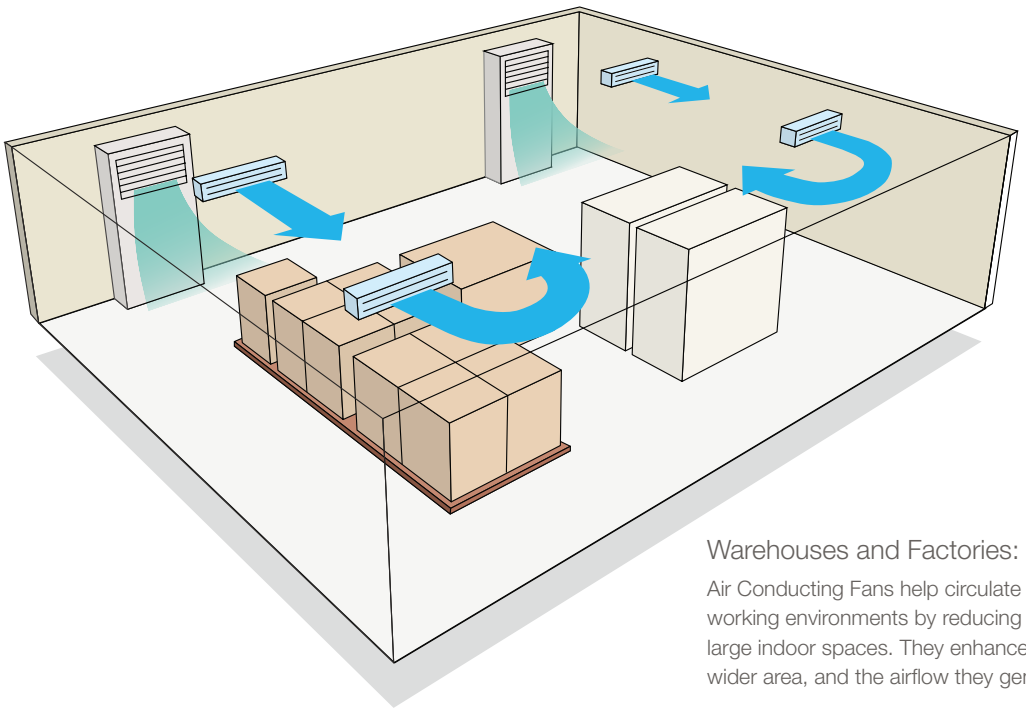
Air Conducting Fans are supporting equipment for ventilators and air conditioners to move exhaust gas in car parks and help to improve the efficiency of ventilation or air conditioning in factories and warehouses.

Installation Examples for Large Spaces



Car Parks: Removing exhaust gas

Air Conducting Fans are particularly useful for moving and expelling stagnant, dirty exhaust gas and hot air that stagnates in the midsections of buildings with complicated floor plans.



Warehouses and Factories: Circulating cool air

Air Conducting Fans help circulate air conditioned air; they improve the working environments by reducing temperature variations throughout large indoor spaces. They enhance the effectiveness of cooling over a wider area, and the airflow they generate creates a refreshing breeze.

Easy Installation

The Air Conducting Fan can be easily installed by simply mounting it to suspension bolts on the ceiling. The angle of the air vent is adjustable to six levels.

Low Power Consumption

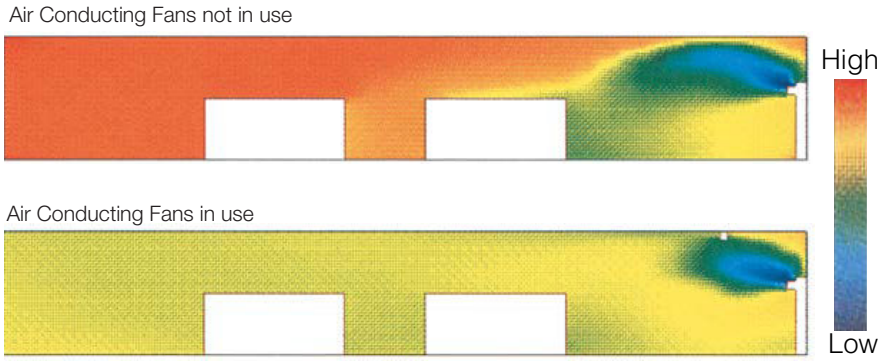
With the compact and high-efficiency motor, and also the axial fan, Air Conducting Fan saves lots of energy.

Quiet and Compact

The compact axial fan (quiet propeller design) reduces noise level yet still makes it possible to achieve substantial airflow. The slim and lightweight design offers greater flexibility in your installation plans.

Temperature Distribution

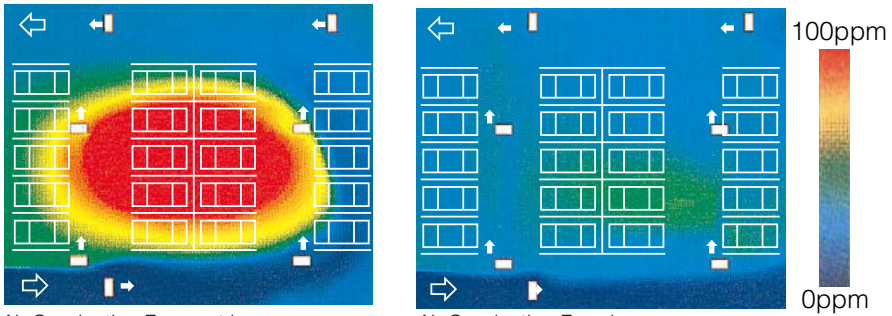
Using Air Conducting Fans help the air conditioned air to reach all corners, improving comfort levels. .throughout the area.



*Thermal distribution graphic for reference only. Actual results may differ.

CO_2 Distribution

The airflow created by Air Conducting Fans allow fresh air to permeate all corners of a car park, while at the same time reliably directing the vehicle exhaust gas toward the exhaust fans.

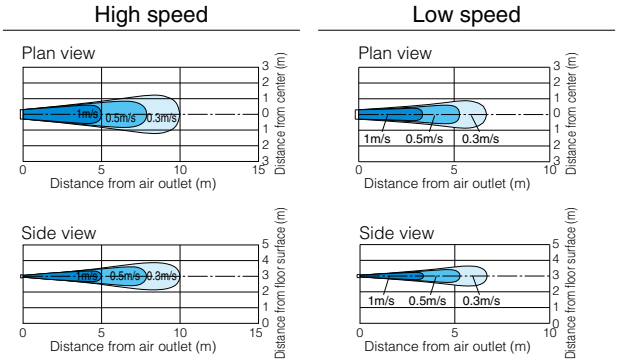


Air Conducting Fans not in use

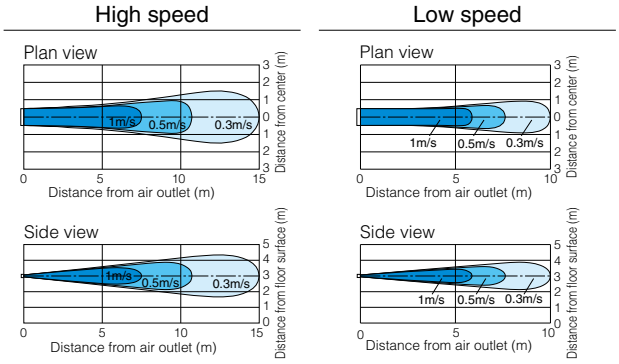
Air Conducting Fans in use

Air Velocity Distribution

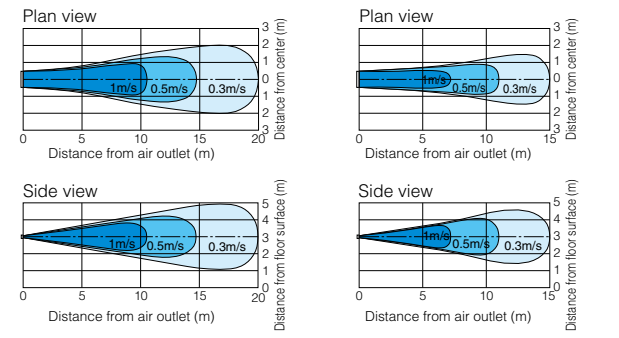
AH-1006S-E



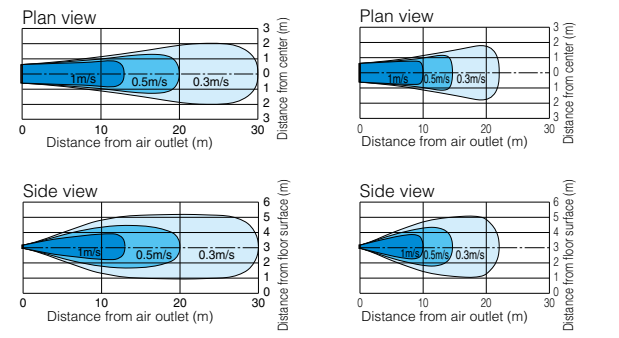
AH-1509S-E



AH-2009S-E



AH-3009S-E

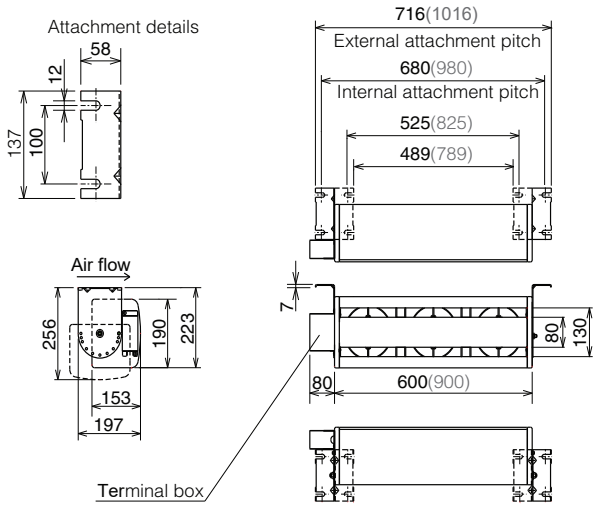


Specifications

Model	Fan Speed	Single-phase, 50Hz 220-240V					Starting Current (A)	Weight (kg)	Dimensions (HxWxD) mm
		Air Volume (m^3/h)	Running Current (A)	Input Power (W)	Air Velocity Max. (m/sec)	Noise (dB)			
AH-1006S-E	High	700-750	0.14-0.15	30-34	6.5-6.9	42-44	0.23	7	190x600x197
	Low	570-620	0.13-0.13	28-32	5.3-5.7	39-40			
AH-1509S-E	High	1180-1270	0.26-0.26	55-62	7.3-7.8	43.5-45	0.43	10.5	190x900x197
	Low	940-1040	0.24-0.25	51.5-59	5.8-6.4	39-41.5			
AH-2009S-E	High	1350-1400	0.43-0.47	90-105	8.3-8.6	46.5-47.5	0.85	11	190x900x197
	Low	1130-1200	0.36-0.37	77-87	7.0-7.4	44-46			
AH-3009S-E	High	2100	0.87-0.94	191-223	8.2	58-58	2.53	20.5	210x910x220
	Low	1860	0.74-0.75	150-165	7.3	55.5-56	1.55		

AH-1006/1509/2009S-E

* The mounting angle of the unit body can be adjusted in 8 steps.
(0, 11.3, 22.5, 33.8, 45, 56.3, 67.5, 90°)



*Figures in parentheses is the value of the AH-1509S-E and AH-2009S-E.

Unit (mm)

AH-3009S-E

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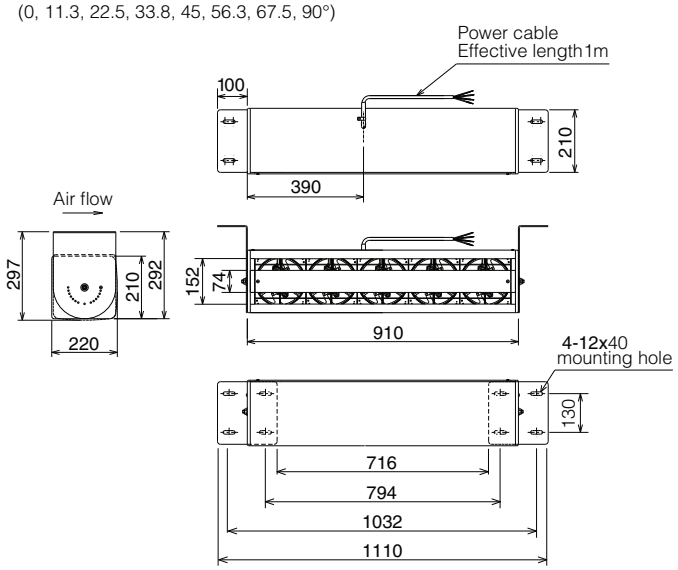
(0, 11.3, 22.5, 33.8, 45, 56.3, 67.5, 90°)



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