



EAST Standard Buildings Inc.

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ventilation rates		
ITEM	Wind Speed km/h	ventilation rates m3/h
ESV	6	2000
ESV	8	2500
ESV	10	2700
ESV	12	3010
ESV	16	3850

architectural coefficient			
architecture type	coefficient	architecture type	coefficient
big garage	6-14	gymnasium	4-10
ware house	4-6	workshop	4-10
Public Washroom	6-12	poultry farm (horse, pig)	10-30
Meeting Hall	6-14	laundry	8-6





Item 500 roof automatic ventilator

Roof automatic ventilator is a kind of equipment that utilizes the principle of natural cross-ventilation to change and accelerate the parallel air flows in any directions to the air flows from the bottom up, which can upgrade indoor ventilation effects. Without electricity, it can work long time without noise. It eliminates indoor heat, humidity and dirt. It has favorable ventilation and dirt-resistance. Nowadays it is first choice of environmental product.

Item 700 roof automatic ventilator

Item 700 roof automatic ventilator is suitable for workshop roof ventilation in industrial factories and it is ideal energy-saving ventilator. Along with a large number of steel structure factories coming out, energy-saving ventilators without power emerge as the times require. It gets high reputation because of its environment protection and energy saving. 700 turbine ventilators are installed on both roof ridge sides of workshop. It can facilitate the indoor heat exchange, discharge heat in the workshop and fill it with cold air, which makes air cross-ventilation and reduce the temperature inside. As ventilation happens, fresh air comes inside through air intake and flows to the roof vents. When cold fresh air flows through the workshop, it will absorb indoor heat and reduce the temperature along its flowing path. So when turbine ventilators are installed evenly along roof, and passageways of heat air flows are distributed properly, it can exert its function of reducing temperature.

Item 600 no-power roof natural ventilation system

Item 600 no-power roof natural ventilation system utilizes high-quality Japan NSK and American PEER bearing, which assures that ventilator can work long time naturally with flexible angle-changeable structure. In this way, the ventilators can satisfy the installation of roof whose gradient is less than 32°. Item 600 no-power ventilators are suitable for workshops and warehouses in which there is much humidity, corrosion and heat, peculiar smell, smoking and dirt. It has good ventilation, smoking absorbability, elimination of peculiar smell and dehumidification. It has perdurable materials and it can work without power quietly, reliably. It has high performance-price ratio because of its cheap maintenance, which helps to reduce customers' costs and promise customers' long-term benefits. Therefore it is ideal ventilator for industrial workshops, warehouse and villa roofs.

