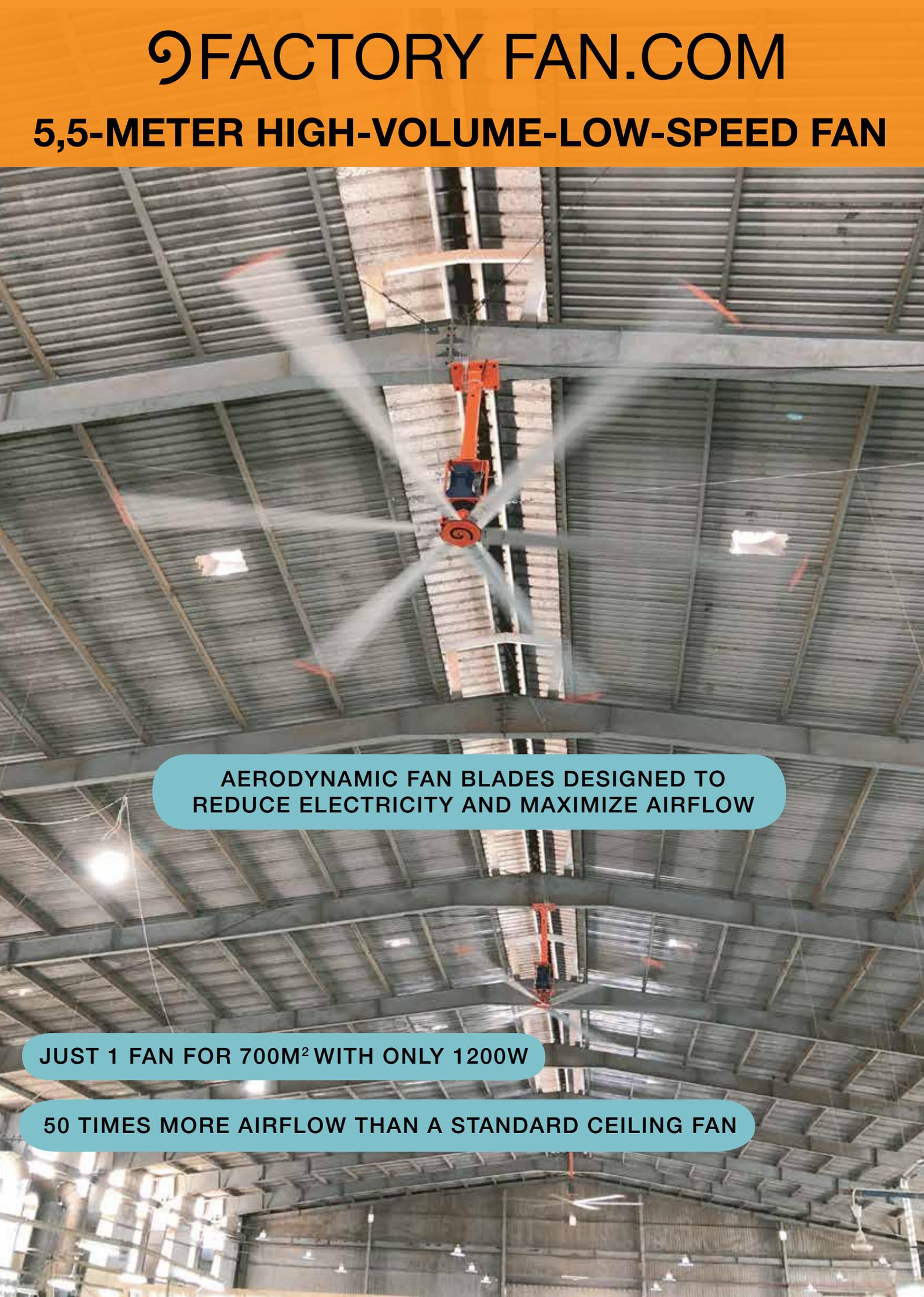


9 FACTORY FAN.COM

5,5-METER HIGH-VOLUME-LOW-SPEED FAN



AERODYNAMIC FAN BLADES DESIGNED TO
REDUCE ELECTRICITY AND MAXIMIZE AIRFLOW

JUST 1 FAN FOR 700M² WITH ONLY 1200W

50 TIMES MORE AIRFLOW THAN A STANDARD CEILING FAN

The Factory Fan is an industrial High Volume Low-Speed fan. The motor with the inline gearbox moves the 2,5m aluminum wing blades slowly through the air. The fan blades are made of high-grade aluminum and positioned at a 30-degree angle. The blades are designed in a perfect aerodynamic shape to avoid drag and turbulence. The orange wingtips are not only there to enhance the appearance of the fan, but they also help to add a few percentage points to the efficiency of the fan - When the fan is turned on the controller slowly starts up the motor, this slowly accelerates the blades to the set speed between 20-70rpm to reduce the stress on the blades and the gear. The fan is designed to last and has an expected lifetime of at least 10 years.

The fan moves 350,000m³ volume of air per hour at a top speed of 12km/hr close to the fan, and 4km/hr 15 meters away from the center of the fan. To put that in perspective an empty bottle will blow over at a distance of 15m away from the center of the fan.

The fan moves 50 times more air than a standard ceiling while using 3,5 times less power.

The 5,5m industrial ceiling fan is currently running at many factories, warehouses, and a few large offices in Ho Chi Minh City and surrounding provinces.

We've received very positive feedback from our customers including one comment from a factory that replaced many standing fans with the 5,5m ceiling fan stating that; "the air cleaner because the dust has



TECHNICAL SPECIFICATIONS

FAN TYPE:	5,5m HVLS fan
DIAMETER:	5,5 meter
WEIGHT:	118 kg
MAXIMUM SPEED:	70 rpm
SIDE CLEARANCE:	0.7m
CEILING CLEARANCE:	1.2m
POWER:	1200W
COVERAGE AREA:	700m ²
MAX. WIND SPEED:	13km/hr
AIR VOLUME:	350,000m ³ /hr

The skin temperature is fundamental to heat exchange between the human body and the environment. The temperature that a human body perceives depends on many factors, such as air temperature, thermal radiation, relative humidity, wind velocity, physical activity and condition, or even dressing. Temperature and wind velocity are two most important ones affecting human comfort.

Sweating causes a decrease in core temperature through evaporative cooling at the skin surface. As high energy molecules evaporate from the skin, releasing energy absorbed from the body, the skin and superficial vessels decrease in temperature. Test shows that significant evaporative cooling is achieved at an air velocity of 0,6m/sec (2km/hr), reducing the 'feels like temperature' with 6-8°C.

 **FACTORY FAN.COM**

Factory: 22 Duong 711A
Phu Huu Ward, District 9
Ho Chi Minh City - Vietnam

www.factoryfan.com
sales@factoryfan.com
Tel: +84 28 3511 9953
Cell: +84 906 640139

