

Deton

DETON HVLS
INDUSTRIAL CEILING FAN
COMMERCIAL CEILING FAN



LARGE AIR VOLUME · HIGH EFFICIENCY AND ENERGY SAVING · SAFE AND RELIABLE
PERMANENT MAGNET MOTOR AS TEN YEARS WARRANTY

Four Core Technologies



Large air volume

The measured air volume of 7.3 meters ceiling fan is **17,800 m³/min**, which is **15% higher** than similar products in the market .

- Blade is made from polymer composite material, high lift-resistance ration aviation airfoil design.
- The measured air volume of 7.3 meters ceiling fan is 17,800m³/min, which is 15% higher than similar products in the market .
- Large air volume with wider effective coverage area and less fan quantities are needed in the same space or area.



High efficiency and energy saving

The measured air volume of 7.3 meters ceiling fan is **14m³/ (min · W)** , which is **40% higher** than similar products in the market .

- The air volume of 7.3 meters ceiling fan can reach 17,800 m³/min under power 1250W only . Air volume is 14m³/ (min · W) , which is 40% higher than similar products in the market .
- High efficiency and energy saving, greatly reduce the use cost .



Safe and reliable

Polymer composite material fan blade, 15 innovative design safety guarantee and small installation load.

- Polymer composite material as light weight, good ductility and excellent anti-collision performance .
- 15 innovative designs ensure the operation safety of ceiling fan
- 7.3 meters ceiling fan is only 83.6kgs for its main body as light weight, lower dynamic and static load on the plant structure, more safe and reliable operation .



Permanent magnet motor as ten years warranty

A 10-year warranty commitment as maintenance-free

- The permanent magnet brushless motor is made of high quality NdFeB permanent magnet with a temperature resistance of 130°C and no demagnetization .
- IP65 motor, innovative core heat dissipation design, effectively reduce the motor temperature rising to last the service life .
- Dust-free workshop, specific equipment, strict quality control, ingenuity to build

HVLS INDUSTRIAL CEILING FAN



- Adopts polymer composite airfoil blade and energy-saving permanent magnet motor .
- The air volume of 7.3 meters ceiling fan can reach 17,800 m³/min under power 1250W only . Air volume is 14m³/ (min · W) , which is 40% higher than similar products in the market .
- High-quality materials, advanced design, Dust-free workshop, specific equipment, strict quality control, ingenuity to build
- With large air volume, low energy consumption, lower dynamic and static load on the plant structure, low use cost and other characteristics. Permanent magnet motor as ten years warranty.
- Application: Vehicle manufacturing, auto parts manufacturing, aerospace, rail transit, metal processing, logistics , transportation, warehouse storage, sports venues etc.



HVLS INDUSTRIAL CEILING FAN PERFORMANCE

Model	Speed (rpm)	Air Volume (m ³ /min)	Power (W)	Air Covering (m ²)	Optimum use area(m ²) air velocity ≥ 1 m/s	main fan weight (kg)
ICF-73H	56	17800	1250	1375	840	83.6
ICF-65H	66	14900	1100	1100	650	79.6
ICF-55H	80	12000	850	800	450	74.6
ICF-49H	85	10500	720	700	360	54.5
ICF-43H	90	8500	480	610	250	51.6
ICF-40H	95	7500	420	550	220	47.8

Note: The above technical parameters are subject to change without further notice.

HVLS COMMERCIAL CEILING FAN



- Customized development for commercial scenes, optimize the product structure, new appearance design;
- The fan is exquisite, beautiful, easy to install and use;
- With a diameter of 3 meters and a power of only 260w, it drives a large area of air flow, effectively improving the working environment and improving personnel comfort.
- Suitable for gym, 4S shop, large supermarkets, office buildings, restaurants, playground, terminal building and other commercial leisure places



HVLS COMMERCIAL CEILING FAN PERFORMANCE

Model	Speed (rpm)	Air Volume (m ³ /min)	Power (W)	Air Covering (m ²)	Optimum use area(m ²) air velocity ≥ 1 m/s	main fan weight (kg)
ICF-36E	85	5850	325	425	165	37
ICF-30E	110	5250	260	330	115	34
ICF-25E	120	3600	150	225	56	31.5

Note: The above technical parameters are subject to change without further notice.