

HaiLan海嵐®

Portable Evaporative Air Cooler



Company Profile

Qingdao Hailan Environmental Equipment Co., Ltd is a high science-and-technology enterprise, which expert in R&D, produce, sale and service, We devoted ourselves to improve the ventilation environment from the year 2005. And registered "HAILAN" as trademark. Our main products including Evaporative Air Cooler HP series, Air Chimney HW series, wall fan HF series, Panel fan HN series, Air inlets HE series etc all kinds of ventilation equipments and auxiliary products .

Hailan possess professional technical team and persistent ability of development and innovation, can satisfy the customers' customization requirement. We have supply agreements with many famous project companies in the world depending on the high quality and performance. And get the public praise in the industry.

As always, we will explore constantly in the ventilation field. Depend on the unremitting HAILAN spirit, scientific production management philosophy, and all staffs' industrious and intelligent, develop HAILAN to the ventilation equipment supplier, provide more better quality products and ancillary facility for the domestic and overseas customers.

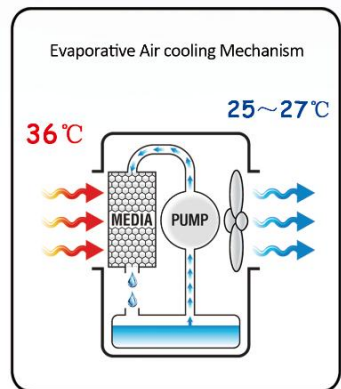


How do these units work?

Evaporative cooling is the natural way of cooling, similar to a breeze flowing across a lake. The air temperature is lowered due to its contact with the water and has a relaxing, cooling effect on people. When used for cooling, the evaporative cooler should not be used in closed spaces. It must be kept level and there must be water in the water tank. The room should have a door or window opened to allow free airflow.

When using indoors, an evaporative cooler works best when placed near access to outside air or air-conditioned air. The maximum cooling effect is felt when a person is in the flow. Evaporative Air Cooling Mechanism MEDIA Energy No Compressor Efficient of the air coming from the evaporative cooler. An evaporative cooler is not an air conditioner, as it does not use a compressor or refrigerant gas. One should not expect an evaporative cooler to work as effectively as refrigerated air conditioning in humid climates. However, the advantages of evaporative cooling over air conditioning are:

- Maximum portability
- Low electricity usage
- Low purchase cost
- Environmentally friendly (No refrigerant gas)



You get more with a HAILAN portable evaporative air cooler.

- Work long time without regular maintenance
- We put the highest quality parts into our durable, one-piece moulded plastic polyethylene housing and back, all our coolers with a 1-year warranty for the whole machine, motor with 3-years warranty.
- Low Water Cut Off to Protect the Pump.
- We build our coolers with oversize internal water reservoirs so you can fill them, remove them from the water source and run up to 8 hours stand-alone.

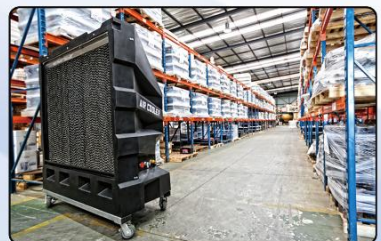
High Energy-Efficient Cooler

EC Motor,IE4,30% higher than AC Motors!



Energy-Efficient Cooler Advantage

- High Performance. Long durability.
- Voltage range from 110-230V,10%-100% variable speed.
- Suitable for all applications.
- Three control modes:Speed,Temperature and time controlled.
- Running 1 hour consume 0.6KWh.



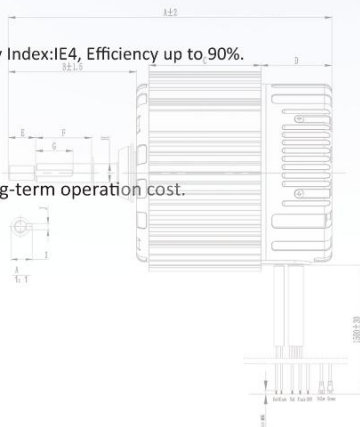
High Energy-Efficient Cooler

IE4



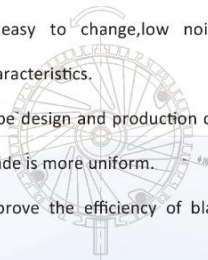
EC Motor

- International Energy Efficiency Index:IE4, Efficiency up to 90%.
- Protection grade: IP55.
- Insulation class: F .
- Save energy and reduce long-term operation cost.
- Noise less than 55dB.



PAG Impeller

- Fan blade adopts injection molding process.
- Dynamic balance performance, not easy to change,low noise,high efficiency,long working life and other characteristics.
- According to the high-quality blade shape design and production of wind dynamics,the air supply on the whole blade is more uniform.
- Using and deformation technology improve the efficiency of blade air supply.



48 In HAILAN Cooler Specifications



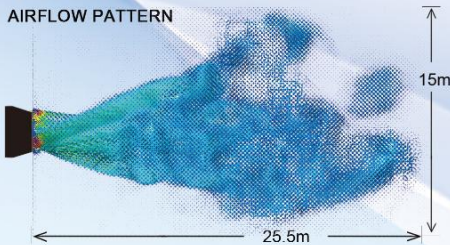
Model- HP48BX Variable Speed

Motor	EC(IE4)
Diameter	48In / 1220mm
Air Volume	24700CFM / 42000m³/h
Fan Power	1.5HP / 1100W
Fan Amperage	230V 8.0A
Water Reservoir	80Gal / 300L
Cooling Capacity	4090sq.ft. / 380m²
Unit Weight	333lbs / 151kg
Speed regulating range	50%~100%
Unit Dimensions	83" h × 75" w × 33" d 2100 × 1900 × 850mm
Water Supply	Garden hose connection pressure



213cm

AIRFLOW PATTERN



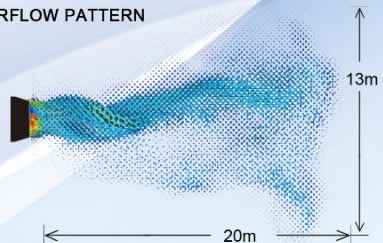
36 In HAILAN Cooler Specifications

Model- HP36BX Variable Speed

Motor	EC(IE4)
Diameter	36 In / 900mm
Air Volume	13940CFM / 23700m³/h
Fan Power	1HP / 750W
Fan Amperage	230V 6.5A
Water Reservoir	59Gal / 224L
Cooling Capacity	2800sq.ft. / 260m²
Unit Weight	210lbs / 97kg
Speed regulating range	10%~100%
Unit Dimensions	71" h x 63" w x 30" d 1800 x 1600 x 750mm
Water Supply	Garden hose connection pressure



AIRFLOW PATTERN

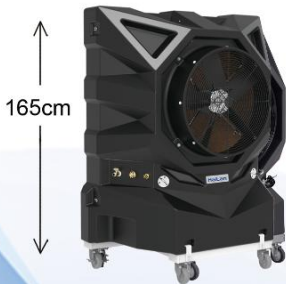


24 In HAILAN Cooler Specifications

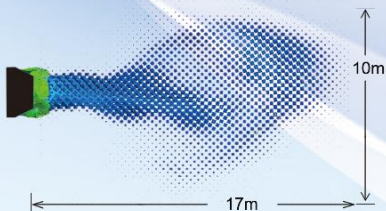
Model- HP24BX *Variable Speed*



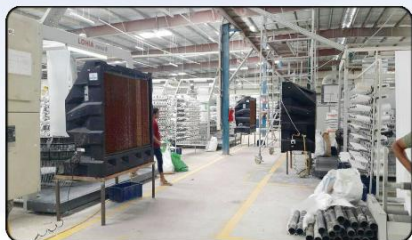
Motor	EC(IE4)
Diameter	24 In / 630mm
Air Volume	8060CFM / 13700m³/h
Fan Power	1HP / 750W
Fan Amperage	230V 5.5A
Water Reservoir	48Gal / 182L
Cooling Capacity	1800sq.ft. / 170m²
Unit Weight	172lbs / 78kg
Speed regulating range	10%~100%
Unit Dimensions	65"h×53"w×28"d 1650×1350×700mm
Water Supply	Garden hose connection pressure



AIRFLOW PATTERN

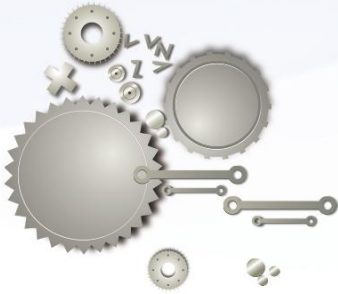


Application of Commercial Ventilation



Application of Commercial Ventilation





Non-Standard Products of HAILAN

HAILAN Company, which has been long engaged in the R&D and production of non-standard products, has developed a full set of perfect manufacturing techniques and processing methods and is capable of manufacturing all kinds of non-standard products.

We are what you want.....

Hailan 海岚®

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