

Industrial Coolers

BLAZE Industrial Cooler is designed to give 12-15 degrees C cool air into the premises by consuming very less power than air conditioning.



Air Cooler : Design & Benefits

- 100% new update PP cabinet, anti-UV, anti-corrosion, anti-aging, anti-deformation.
- High efficient evaporative cooling pad, good cooling effect, easy to clean.
- Open type water distributor, smooth water flow and not easy to jam.
- Intelligent controller system, equip with multi-function LCD wall controller and remote controller.
- Aluminum material motor cabinet, 100% copper wire for longer life.
- Smooth fan blade, low noise, especially suitable for commercial areas.
- Automatic water inlet system will remind when water shortage.
- 0-48 hours Automatic cleaning cycle for option.

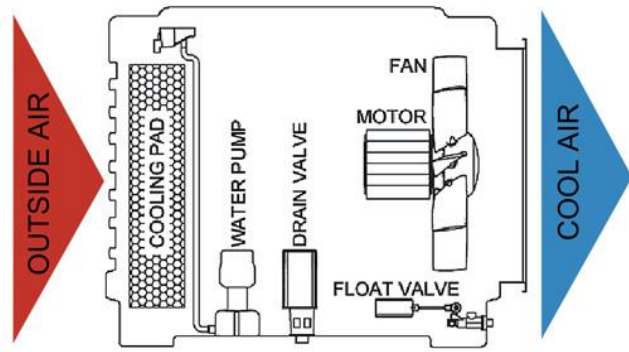
Heavy Duty Industrial Air Cooler – Energy Efficient Air Cooling for Commercial and Industrial Spaces

BLAZE ENGINEERS is the leading supplier of energy-efficient **heavy duty industrial air cooler** in India. All the commercial and industrial facilities require efficient cooling to provide a comfortable working atmosphere to their employees. It is also highly significant to improve the efficiency of business processes and equipment installed in the building. A **duct air cooler** cools all rooms in an enclosed space equally. These devices are perfect for commercial spaces of any size and type, from huge factories and manufacturing units to office spaces and restaurants.

A heavy duty **industrial air cooler** provides comfortable cooling year around. It can adjust to climate changes and prolonged periods of summer. We manufacture and supply duct air coolers in the required specifications and design. In the manufacturing of each unit, we provide priority to energy efficiency. Our latest range of products, especially industrial air coolers, meets the requirements of modern times. Made in India to the highest possible quality standards, **BLAZE ENGINEERS** extensive range includes huge industrial fans, exhausters and more. Contact us today to know more about our products and services and choose a perfect cooling solution for your commercial or industrial areas.



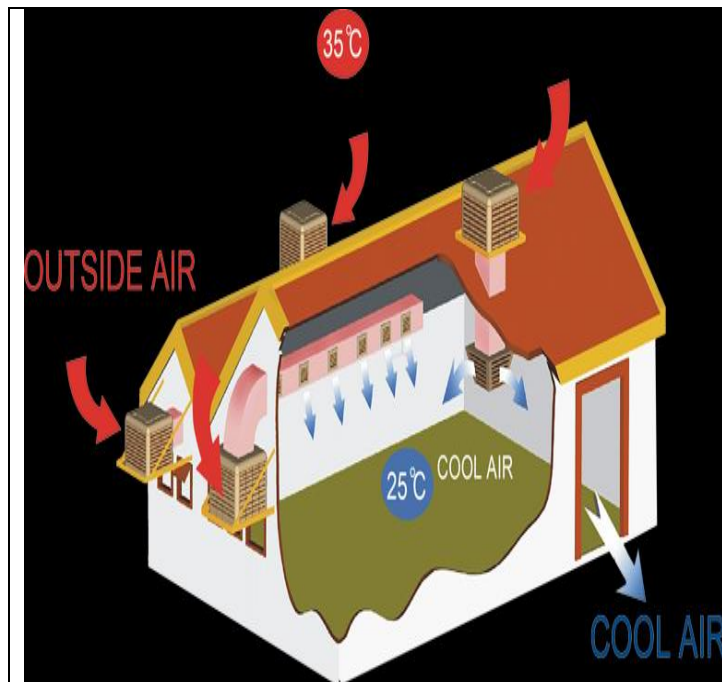
Air Cooler : Application



According to the factory's industry feature, we can choose industrial air coolers for factory cooling and ventilation, our Air coolers are with low power consumption to solve the poor working environment problem and improve recruitment and employment difficult issues. Depending on the air change requirement, noise requirement, investment budget etc, we can consider BLAZE different types air coolers with single speed, two-speed or variable speeds, three-phase or single-phase models, axial fan or centrifugal blower type models for different factories.

Cooling effect

Insignificant rise in temperature has created a significant need of cooling and ventilation solutions in large premises. When we think of conventional solutions on it, they are insufficient, less productive and high energy consumption.



Evaporative cooling works by employing water's large enthalpy of vaporization. The temperature of dry air can be dropped significantly through the phase transition of liquid water to water vapor (evaporation), which can cool air using much less energy than refrigeration. In extremely dry climates, evaporative cooling of air has the added benefit of conditioning the air with more moisture for the comfort of building occupants. The power consumption is only 1/8 of the traditional air conditioner. Widely be used in internet cafes, base station, factory, supermarket etc.







Technical Specification

| | |
|----------------------------|--------------------|
| Model | MR-25 |
| Airflow(m ³ /h) | 25,000 |
| Air pressure | 180-200 (Pa) |
| Power(kW) | 1.5 |
| Frequency inverter | 50 HZ |
| Speed | 12(TRAIC) |
| Fan Type | Axial |
| Water Tank(L) | 36 |
| Noise(dB(A)) | ≤70 |
| Water Consumption(L/H) | 10-15 |
| Net Weight(kg) | 90 |
| Coverage(m ²) | 100-200 |
| Dimension(mm) | 1140 x 1140 x 1358 |
| Air Discharge | Down/Top |
| Air outlet size(mm) | 800*800 |

BLAZE ENGINEERS

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