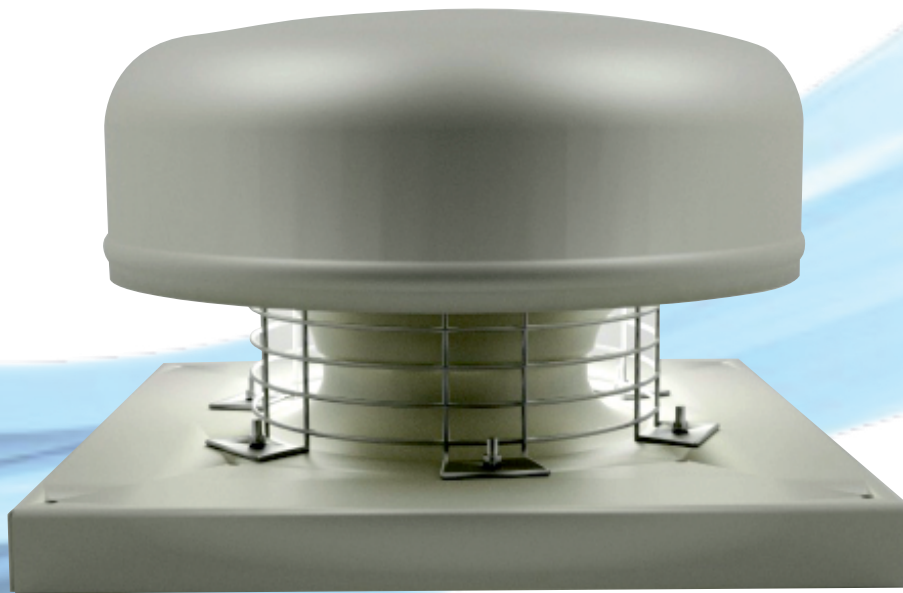
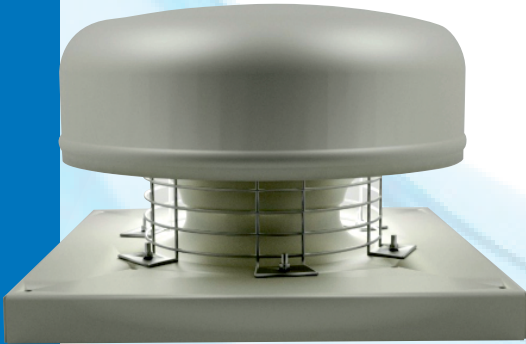


ROOF EXTRACTOR FAN (CENTRIFUGAL TYPE)



Quality Speaks For Itself



ROOF EXTRACTOR FAN (CENTRIFUGAL IMPELLER)

HUMIDIN CENTRIFUGAL ROOF EXTRACTOR FLOW FAN

CENTRIFUGAL ROOF EXTRACTOR FAN is a type of ventilation fan that is designed to be installed on the roof of a building to expel air, smoke, fumes, or heat from indoor spaces. Unlike axial fans, which move air along the axis of the fan blades, centrifugal roof extractor fans use a centrifugal force to move air radially, which involves drawing air into the fan and expelling it at a 90-degree angle to the incoming Air moves. This results in higher pressure and Air moves capabilities, making centrifugal fans ideal for applications requiring high ventilation performance.

FEATURES

1. **Roof-Mounted:** As the name suggests, centrifugal roof extractors are mounted on the roof of a building. This allows them to expel air directly to the outside, preventing air from being recirculated back into the building. Roof mounting also minimizes noise disturbance inside the building and optimizes space usage.
2. **High Pressure and Air moves:** Due to their radial design, centrifugal fans 2 are capable of generating higher pressure than axial fans, which makes them better suited for handling longer duct runs, more resistant ducts, or environments with higher air resistance.
3. **Durable and Weather-Resistant:** These fans are built to withstand outdoor conditions such as rain, snow, and UV exposure. They are typically constructed with corrosion-resistant materials to ensure longevity in harsh environments.
4. **Energy-Efficient:** Although centrifugal fans tend to consume more energy than axial fans, they are still considered relatively energy-efficient for the level of pressure and Air moves they can generate. Proper sizing and installation can optimize energy use.

MATERIAL OF CONSTRUCTION

- CASING - GI/MS/SS/MS(HOT DIP GALVANIZED)
- IMPELLER - MS/GI/SS
- IMPELLER HUB - CI/CI WITH TAPPER BUSH ARRANGEMENT
- INLET CONE - FRP/MS/GI/SS
- DOME - FRP/MS/GI

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The intention of this brochure is to introduce you to, and acquaint you with the capabilities of the HUMIDIN organization in the offered product areas. It will not answer all your immediate questions, and indeed, it will no doubt raise others. We welcome your interest in our products and shall be very pleased to provide further information.

GUARANTEES

HUMIDIN guarantees its products to be free of defects in materials and workmanship for a period of one year from the date of delivery from the factory, provided motors are properly installed with overload protector. Humidin agrees to repair or replace defective parts or part to be returned to the factory, all transportation charges prepaid. Humidin does not guarantee against abrasion, corrosion or erosion. Humidin shall not be held responsible for any charges in connection with the removal or replacement of alleged defective equipment nor for incidental consequential damages

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