

STELLAR BLAST

Up-bast and belt-driven
roof fan made of aluminium

ROOF FANS



Roof fans

STELLAR BLAST

Up-blast and belt-driven roof fan made of aluminium



- With **grease drain tube**. As accessory, **bucket** for collecting fluids.
- Its **aluminium** construction gives it **low weight** and prevents **corrosion**.
- **Encapsulated power cable** to resist high temperatures.
- **AC motor, 60Hz**.

◦ The up-blast roof fan **STELLAR BLAST** offers a solution for general ventilation, although it is designed for the extraction of contaminated air in professional kitchens and industrial processes.

◦ Its robust design and aluminium construction give it light weight and excellent corrosion resistance.

◦ Advanced impeller and motor technology provides high-performance and quiet operation.

◦ Encapsulated motor power cable to prevent overheating and ensure long motor life.

◦ Standardized squirrel cage asynchronous motor with IP-54 protection and class F insulation. Standard voltages 230V 60Hz single-phase and three-phase motors.

STELLAR BLAST



◦ Manufacturing features

◦ Up-bast and belt-driven roof fan made entirely of aluminium with excellent corrosion resistance and low weight.

Belt-driven assembly

- Oversized belts and pulleys (150% of the installed power). Antistatic and oil resistant straps.
- Bearings 100% factory tested and designed specifically for air movement applications (L10 50.000 hours).
- Anti-vibration pads to reduce motion and noise transfer between the belt-driven system and the housing.

Impeller

- High-performance backward curved blade (reaction) impeller, with self-cleaning system, built in aluminium to minimize noise and vibrations.
- Q6.3 grade statically and dynamically balanced for long life and quiet operation.

Casing

- Housing specially designed to protect the equipment from the entry of rain and protection grille against the entry of objects.
- Drain tube for easy extraction of fluids (water and grease).
- Encapsulated motor cable to prevent deterioration and ensure long life.

Motor

◦ Standardized squirrel cage asynchronous motor with IP-54 protection and class F insulation. Standard voltages 230V 60Hz single-phase and three-phase motors.

◦ Range

Available in 4 sizes:

- STELLAR BLAST 450 M4 1,1kW
- STELLAR BLAST 630 T4 1,5kW
- STELLAR BLAST 250 M4 0,55kW
- STELLAR BLAST 355 M4 0,75kW

Maximum flow-rate from 5.300m³/h up to 16.200m³/h.

◦ Application

Designed for deck or roof mounting, vertical discharge, indicated for:

- Professional kitchens.
 - Smoke extraction.
 - Cinemas.
 - Air renewal in all types of buildings and industries.
- Maximum continuous working temperature: 160°C (fluid).
Maximum ambient temperature: 60°C.

◦ Fat trap

◦ In the accessories there is the stainless steel stainless steel grease box, available for installation after the drain tube.

◦ Other features

- Leak-proof construction with a one-piece wind band continuously welded to the rim cap for leak-proof protection.
- Edge cap with pre-pressed mounting holes to ensure correct fixing to the roof.
- Anti-vibration to reduce the transfer of movement and noise between the transmission system and the fan housing.



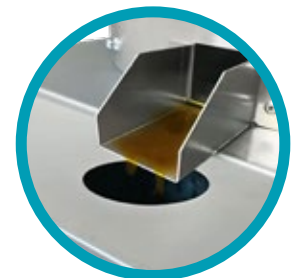
◦ Drain tube for easy removal of fluids (water and fat).



◦ Belt-driven assembly



◦ Housing specially designed to protect the equipment from the entry of rain and a protective grid against the entry of objects.



◦ Grease collection box for the drain tube outlet. This accessory is purchased separately.

Roof fans

STELLAR BLAST



• Accessories



INT

Safety switch.



SFC

Frequency speed controller.

FAT TRAP

Stainless steel grease box.

• Range





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