

STELLAR BLAST

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

ROOF FANS



Roof fans

STELLAR BLAST

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

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 50Hz single-phase and three-phase motors, and 230V 60Hz single-phase and three-phase motors.



Range

Available in 4 sizes:

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

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: 150°C (fluid) in 50Hz, and 160°C in 60Hz. Maximum ambient temperature: 50°C (50Hz) and 60°C (60Hz).

Grease box

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

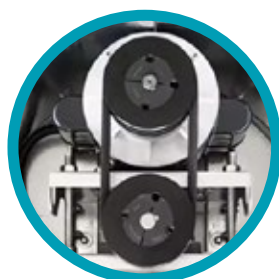


Other features

- ° 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.



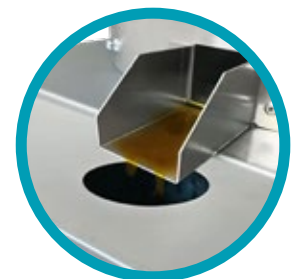
° Drain tube for easy removal of fluids (water and fat).



° 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.