HTSFAGSM

EXTRACT SERIES SOLAR FAN
FOR ATTIC / SMALL GARAGE

hometech™
The Ventilation Specialists

SPECIFICATIONS

Air Flow:	Max 450m3/h (125l/s) (see limitations)
Diameter:	250dia
Noise:	40dB @1m
Solar Panel:	10W, advanced monocrystalline panel
Install Location:	Attic, Garage, Public Toilets
Minimum Clearance:	NA
Rooms Served:	Up to 100m²
Ventilation Type:	Extract
Filter:	NA, includes back draft damper
Control:	Solar only

PRODUCT DESCRIPTION

Roof mounted solar powered fan on proprietary flashing. Primarily used for attic ventilation, suitable for roof spaces up to 100m2.

KEY BENEFITS

- Solar powered: No wires just the power of the sun
- Quiet: Brushless DC double shielded bearings for quiet performance.
- Improved air circulation: By ventilating the roof, fresh air pulled from outside replaces the hot air built up in summer from solar gain and keeps air cycling through in winter.

APPLICATIONS

*This system is suitable for, but not limited to the following areas:

- Roof/attic spaces in new builds and existing homes.
- Garages and workshops
- Public toilets.

PRODUCT COMPLIANCE

- B2, E2
- BRANZ appraisal 665

ELECTRICAL

- No electrical works required for standard installations (low voltage only).

EXPANSIONS / ALTERNATIVES

- HTSFAGLG: Large solar fan, no ducting
- HTSF1RSM: Small solar fan with ducting to one room
- HTSF1RLG: Large solar fan with ducting to one room

WARRANTY

- 10 Year LEAK PROOF GUARANTEE
- 2 Years panel and motor
- 5 Years all other parts and installation

Terms and conditions apply.

Copyright Hometech NZ part of the Just Life Group

LIMITATIONS

- Airflow varies depending on the amount of solar harvesteable by the solar panel.
- Recommended roof area calculated based on 5ACH for ceiling to ridge height 1.8m. Specific areas will vary depending on roof pitch. Contact Hometech for specification assistance on roof pitches over 25deg.
- For every 50m2 of roof area a minimum 0.35m2 of intake vents should be provided (Hometech RHR available for this purpose).

INSTALLATION

To be carried out by Hometech to manufacturer's recommendations:

- Roof mounted system installed with proprietary Hometech roof flashing (BRANZ Appraisal 665) and vent cap.
- Roof work to be carried out safely, where possible use of scaffolding or mobile work platforms recommended.

MAINTENANCE

- At regular intervals following installation, the fan and solar panel should be inspected and cleaned to ensure there is no build-up of dirt or other deposits. It is recommended this is done as part of a scheduled yearly maintenance program.
- As roof access is required we recommend contacting your installer.
- If any problems arise, please contact your installation professional.

CAD DRAWING

Full CAD drawing(s) available upon request