

HTSFAGLG

EXTRACT SERIES SOLAR FAN
FOR ATTIC / LARGE GARAGE



hometechTM
The Ventilation Specialists



SPECIFICATIONS

Air Flow:	Max 970m ³ /h (269l/s (see limitations)
Diameter:	350dia
Noise:	51dB @1m
Solar Panel:	22W, advanced monocrystalline panel with high-impact resistant glass coating
Install Location:	Attic, Garage, Public Toilets
Minimum Clearance:	NA
Rooms Served:	Up to 250m ²
Ventilation Type:	Extract
Filter:	NA
Control:	Solar only
Add-ons:	<ul style="list-style-type: none">Thermal switchOff switch

EXPANSIONS / ALTERNATIVES

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

PRODUCT DESCRIPTION

Roof mounted solar powered fan on proprietary flashing. Primarily used for attic ventilation, suitable for roof spaces up to 250m².

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 (2017) for Roof Penetrations

ELECTRICAL

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

WARRANTY

- 10 Year LEAK PROOF GUARANTEE
- 5 Years panel, motor and thermal switch
- 10 years all other parts and installation

Terms and conditions apply.

LIMITATIONS

- Airflow varies depending on the amount of solar harvestable 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 (FURTHER OPTIONS AVAILABLE ON THE WEBSITE)

Full CAD drawing(s) available upon request

