



Roof mounted axial flow fans, with vertical air discharge configuration, for air extract.

Casing formed from rolled sheet steel welded on the base with a corrosion resistant hot dipped galvanized finish to EN 1461. Corrosion category C4. Backdraft shutter and bird proof outlet guard. Cylindrical casing formed from rolled sheet steel protected against corrosion by grey polyester paint coating. Corrosion category C3H. Variable pitch angle impeller, dynamically balanced to ISO 14694: G6.3, made from high grade aluminum blades locked within a pressed sheet steel hub. Electrical isolator IP65 fitted to fan casing. Three phase motor, IP55, Class F. Standard operation temperature range -20°C to +40°C.

## Motors

Single speed 4 pole.  
IE3 efficiency category from 0,75kW onwards, IE2 minimum for lower kW motors. Not applicable to 8 pole or two speed motors.  
220-240/380-415V-50Hz up to 3 kW.  
380-415V-50Hz, for higher power motors and two speed motors.  
Suitable for inverter control.  
(60Hz version available in EasyVent).

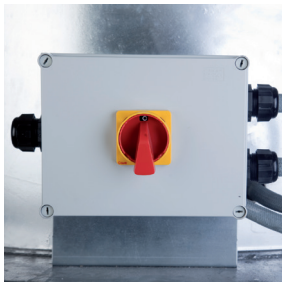
## Additional information

Standard air direction Motor-Impeller (Form A).

## On request

Single speed 6 pole motors.  
Two speed motors in 4/6, 4/8 and 6/12 poles.  
Motors with PTC thermistor or heating resistors.  
Paint finish to RAL colour.

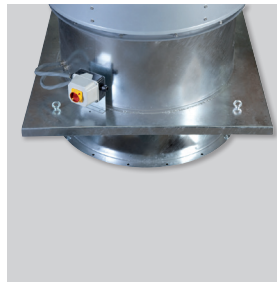
Check EasyVent to select the most suitable configuration for the installation, and obtain the corresponding datasheet.



**Isolator**  
IP65 electrical isolator.



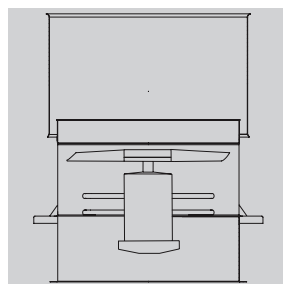
**Outlet guard**  
Outlet guard protection.



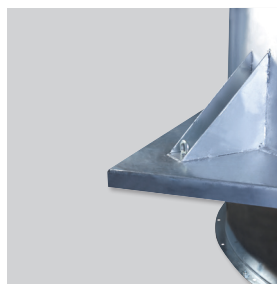
**Support base**  
Base for roof installation, welded at the casing for watertightness.



**Inlet flange**  
Flange for duct connection or bellmouth inlet.



**Form (A) configuration**  
Standard air direction: form (A) configuration (Motor over impeller).



**Web support**  
To strengthen base support. Model 1250 only.



**Back draught shutter**  
Prevent back draught of air and entrance of rain water when the fan is switched off.

### TECHNICAL CHARACTERISTICS

Before installation check that the product electrical characteristics listed on the data plate label (voltage, power, frequency, etc.) match those of the intended electrical supply.

We reserve the right to use different motor suppliers, therefore the following data may differ.

#### 4 POLES

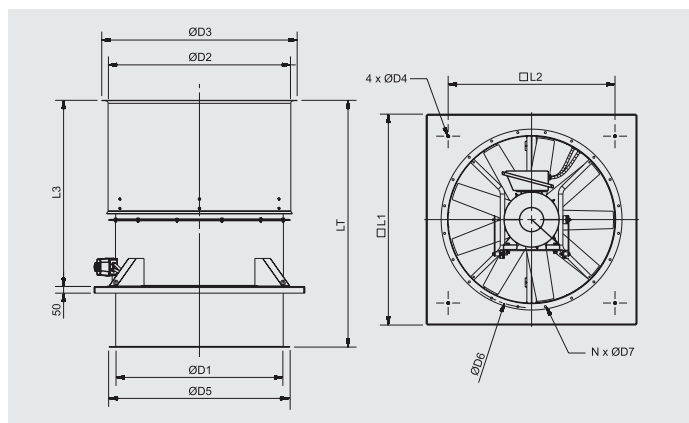
| Model                 | Diameter (mm) | Motor power (kW) | Full load current at 400V (A) | Weight (kg) |
|-----------------------|---------------|------------------|-------------------------------|-------------|
| HGTT-V/4-800-6/-1,5   | 800           | 1,5              | 3,15                          | 167         |
| HGTT-V/4-800-6/-2,2   | 800           | 2,2              | 4,56                          | 174         |
| HGTT-V/4-800-6/-3     | 800           | 3                | 6,15                          | 180         |
| HGTT-V/4-800-6/-4     | 800           | 4                | 8,2                           | 181         |
| HGTT-V/4-800-6/-5,5   | 800           | 5,5              | 10,3                          | 210         |
| HGTT-V/4-800-6/-7,5   | 800           | 7,5              | 13,9                          | 217         |
| HGTT-V/4-800-9/-4     | 800           | 4                | 8,2                           | 186         |
| HGTT-V/4-800-9/-5,5   | 800           | 5,5              | 10,3                          | 215         |
| HGTT-V/4-800-9/-7,5   | 800           | 7,5              | 13,9                          | 222         |
| HGTT-V/4-900-6/-4     | 900           | 4                | 8,2                           | 223         |
| HGTT-V/4-900-6/-5,5   | 900           | 5,5              | 10,3                          | 252         |
| HGTT-V/4-900-6/-7,5   | 900           | 7,5              | 13,9                          | 259         |
| HGTT-V/4-900-6/-11    | 900           | 11               | 20,7                          | 312         |
| HGTT-V/4-900-6/-15    | 900           | 15               | 28,4                          | 334         |
| HGTT-V/4-900-9/-5,5   | 900           | 5,5              | 10,3                          | 258         |
| HGTT-V/4-900-9/-7,5   | 900           | 7,5              | 13,9                          | 265         |
| HGTT-V/4-900-9/-11    | 900           | 11               | 20,7                          | 318         |
| HGTT-V/4-900-9/-15    | 900           | 15               | 28,4                          | 340         |
| HGTT-V/4-1000-6/-4    | 1000          | 4                | 8,2                           | 238         |
| HGTT-V/4-1000-6/-5,5  | 1000          | 5,5              | 10,3                          | 267         |
| HGTT-V/4-1000-6/-7,5  | 1000          | 7,5              | 13,9                          | 274         |
| HGTT-V/4-1000-6/-11   | 1000          | 11               | 20,7                          | 327         |
| HGTT-V/4-1000-6/-15   | 1000          | 15               | 28,4                          | 349         |
| HGTT-V/4-1000-6/-18,5 | 1000          | 18,5             | 34,9                          | 381         |
| HGTT-V/4-1000-6/-22   | 1000          | 22               | 40,9                          | 402         |

| Model                 | Diameter (mm) | Motor power (kW) | Full load current at 400V (A) | Weight (kg) |
|-----------------------|---------------|------------------|-------------------------------|-------------|
| HGTT-V/4-1000-9/-5,5  | 1000          | 5,5              | 10,3                          | 274         |
| HGTT-V/4-1000-9/-7,5  | 1000          | 7,5              | 13,9                          | 281         |
| HGTT-V/4-1000-9/-11   | 1000          | 11               | 20,7                          | 334         |
| HGTT-V/4-1000-9/-15   | 1000          | 15               | 28,4                          | 356         |
| HGTT-V/4-1000-9/-18,5 | 1000          | 18,5             | 34,9                          | 388         |
| HGTT-V/4-1000-9/-22   | 1000          | 22               | 40,9                          | 409         |
| HGTT-V/4-1250-6/-15   | 1250          | 15               | 28,4                          | 473         |
| HGTT-V/4-1250-6/-18,5 | 1250          | 18,5             | 34,9                          | 505         |
| HGTT-V/4-1250-6/-22   | 1250          | 22               | 40,9                          | 526         |
| HGTT-V/4-1250-6/-30   | 1250          | 30               | 54,6                          | 574         |
| HGTT-V/4-1250-6/-37   | 1250          | 37               | 65,6                          | 720         |
| HGTT-V/4-1250-6/-45   | 1250          | 45               | 79,4                          | 748         |
| HGTT-V/4-1250-9/-15   | 1250          | 15               | 28,4                          | 483         |
| HGTT-V/4-1250-9/-18,5 | 1250          | 18,5             | 34,9                          | 515         |
| HGTT-V/4-1250-9/-22   | 1250          | 22               | 40,9                          | 536         |
| HGTT-V/4-1250-9/-30   | 1250          | 30               | 54,6                          | 584         |
| HGTT-V/4-1250-9/-37   | 1250          | 37               | 65,6                          | 730         |
| HGTT-V/4-1250-9/-45   | 1250          | 45               | 79,4                          | 758         |

# ROOF MOUNTED AXIAL FLOW FANS HGTT-V Series

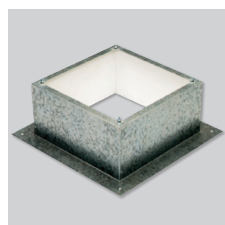


## DIMENSIONS (mm)



| HGTT-V | D1   | D2   | D3   | D4 | D5   | D6   | D7 | N  | L1   | L2   | L3   | LT   |
|--------|------|------|------|----|------|------|----|----|------|------|------|------|
| 800    | 800  | 912  | 1012 | 14 | 890  | 860  | 12 | 16 | 1100 | 840  | 1015 | 1198 |
| 900    | 900  | 1013 | 1113 | 14 | 1005 | 970  | 15 | 16 | 1250 | 950  | 1135 | 1463 |
| 1000   | 1000 | 1113 | 1213 | 14 | 1105 | 1070 | 15 | 16 | 1270 | 950  | 1215 | 1543 |
| 1250   | 1250 | 1364 | 1464 | 16 | 1355 | 1320 | 15 | 20 | 1580 | 1250 | 1394 | 1848 |

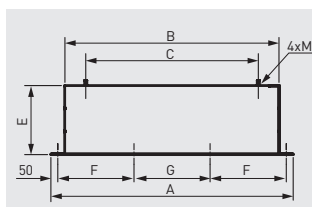
## MOUNTING ACCESSORIES



### JBS-V

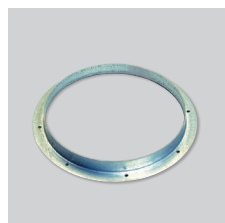
#### Flat roof up stand

- For mounting a fan on a flat roof without up stands.
- For use on horizontal roofs.
- Internal insulation to prevent condensation.
- Supplied with screws and gasket for a complete weather seal.



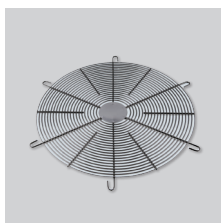
| Model      | A    | B    | C    | E   | F   | G   | M   |
|------------|------|------|------|-----|-----|-----|-----|
| JBS-V-800  | 1279 | 1079 | 840  | 300 | 393 | 393 | M12 |
| JBS-V-900  | 1430 | 1230 | 950  | 400 | 443 | 444 | M12 |
| JBS-V-1000 | 1447 | 1247 | 950  | 400 | 449 | 449 | M12 |
| JBS-V-1250 | 1755 | 1555 | 1250 | 500 | 552 | 551 | M16 |

| Model | Matching flange           | Inlet bellmouth | Flexible connector     | Inlet guard            | Circular sound attenuator | Attenuator with acoustic pod |
|-------|---------------------------|-----------------|------------------------|------------------------|---------------------------|------------------------------|
| 800   | ARO BRIDA TGT/THGT-800 N  | EMB-800T        | ACOPEL F400-800/180 N  | DEF. ASP.TGT/THGT-800  | SIL CZ 800                | SIL CZO 800                  |
| 900   | ARO BRIDA TGT/THGT-900 N  | EMB-900T        | ACOPEL F400-900/180 N  | DEF. ASP.TGT/THGT-900  | SIL CZ 900                | SIL CZO 900                  |
| 1000  | ARO BRIDA TGT/THGT-1000 N | EMB-1000T       | ACOPEL F400-1000/180 N | DEF. ASP.TGT/THGT-1000 | SIL CZ 1000               | SIL CZO 1000                 |
| 1250  | ARO BRIDA TGT/THGT-1250 N | EMB-1250T       | ACOPEL F400-1250/200 N | DEF. ASP.TGT/THGT-1250 | SIL CZ 1250               | SIL CZO 1250                 |



### ARO BRIDA N TGT/THGT

Matching flange.



### DEF.ASP.TGT/THGT

Inlet guard.



### SIL CZ

Circular silencer.



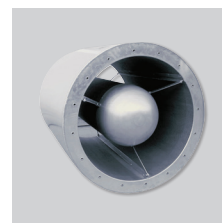
### ACOPEL F400 N

Flexible connection.



### EMB-T

Bellmouth with guard.



### SIL CZO

Circular silencer with pod.

For more information see Mounting accessories.