



# Supply air louvre THUNDERBIRD

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## Technical Specifications

width of the opening: max. 2000 mm  
height of the opening: max. 3500 mm (total area < 4 m<sup>2</sup>)  
depth of louver: 150 mm

- inherently stable Z-frame design of extruded aluminium sections with integrated blades
- blades: streamline design
- coupled by internal setting linkage
- with brush sealing along the sides
- blade seals optionally available
- louver flaps with setting lever for manual, electrical or pneumatic adjustment

## Material Specifications

- louver flap with integrated blades of corrosion-resistant extruded aluminium sections of aluminium AlMgSi 0.5 F22 alloy
- minimum material thickness: 1.8 mm
- bearing pins of aluminium
- bearings: self-lubricating, high-temperature resistant plastic bearings (maintenance-free)
- connecting parts: aluminium or stainless steel

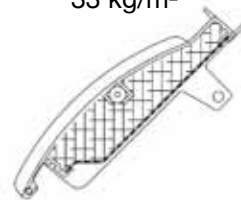
## Accessories (optional)

- Electric drive 230 V / 200 W / IP 54
- Electric drive 24 V / DC 19.2 W
- Pneumatic drive 8 bar
- Smoke and heat exhaust equipment (cylinder, TW, CO<sup>2</sup> cylinder)
- Smoke and heat exhaust equipment (electric drive, ESTI switch)
- Manual drive with locking device
- Fixed version
- Anti-noise lining (R<sub>w</sub> = 7 dB)  
Double-shell blades (20 mm insulation)
- Powder coating 80 µm in RAL finish
- Anodized
- Bird screen: aluminium / stainless steel / galvanized steel
- Insect screen: stainless steel / plastic

**Rain protection class**  
C2 according to DIN EN 13030,  
weather blades exposed to rain



**Insulated version**  
33 kg/m<sup>2</sup>



**Version with Anti-Noise Lining**  
33 kg/m<sup>2</sup>



**Standard Version**  
28 kg/m<sup>2</sup>

Attenuation (anti-noise version)									
f (Hz)	63	125	250	500	1K	2K	4K	8K	R <sub>w</sub>
dB	0	3	3	3	6	9	11	11	7

with blades at 45° position

Attenuation (anti-noise version)									
f (Hz)	63	125	250	500	1K	2K	4K	8K	R <sub>w</sub>
dB	4	7	8	10	14	19	21	18	17

with blades closed

Attenuation (anti-noise version) dual system									
f (Hz)	63	125	250	500	1K	2K	4K	8K	R <sub>w</sub>
dB	6	11	12	14	18	23	22	19	21

with blades closed

### Cv0 values:

0.40 at 45° blade position  
0.59 at 90° blade position (standard version)  
0.65 at 90° blade position (insulated version)

## Installation details

