

12 V mushroom roof exhaust fan

Exact-match technical and installation reference for the unbranded no-light OEM version. Comparable seller references: Rawest 0100031 and A200258.



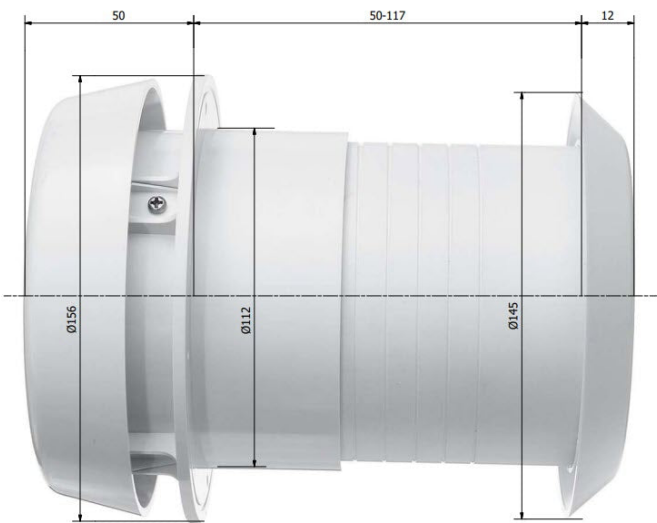
Scope: this is not a manufacturer-issued manual. It consolidates independently verified information from two exact visual matches and the inspected product photographs. It applies only to the no-light version shown above. Do not use instructions for solar, LED or larger roof-fan variants.

Evidence checked	Result
Housing and interior grille	Exact shape, concentric grille, centre cap and I-0-II rocker match.
Mechanical dimensions	135 mm nominal cap/fan size; 118 mm roof opening; telescopic duct.
Electrical construction	12 V DC fan, red/black lead pair, no integrated lamp in this version.

Technical reference

The values below are shared by the two exact-match seller records unless a discrepancy is stated. Measure the delivered unit before drilling or trimming any finished roof surface.

Parameter	Verified value
Supply	12 V DC
Rated current / power	0.10 A / 1.2 W
Fan speed	1,800 r/min
Airflow	60 CFM (approximately 100 m³/h)
Required circular opening	118 mm nominal
Exterior / interior nominal diameter	135–156 mm depending on the measured feature
Installation depth	Seller records differ: 45–140 mm and 80–160 mm; verify the actual telescopic range
Protection features	Weather-facing mushroom cap and internal insect screen
Control	I = fan; 0 = off; position II is unused on the identified A200258 no-light version



Exact-match A200258 dimension image. Key marked dimensions: exterior cap Ø156 mm, duct Ø112 mm, interior grille Ø145 mm; fixed sections 50 mm and 12 mm; telescopic section marked 50–117 mm.

Dimension conflict: seller prose gives two different installation-depth ranges. Treat the image and the physical item as controlling evidence; do not cut the opening solely from a listing value.

Installation and operation



Fan, insect screen and 12 V lead pair

No-light I–0–II interior grille

- 1. Isolate power. Disconnect the vehicle's 12 V supply before cutting, wiring, cleaning or service.
- 2. Confirm the actual unit. Verify the no-light grille, 118 mm nominal opening and available telescopic depth. Do not use this guide for a solar or LED version.
- 3. Prepare the opening. Select a flat, structurally suitable roof area. Confirm clearances above and below, then cut only after checking the delivered fan and its mounting flange.
- 4. Fit and seal. Place the weather-facing mushroom section outside and the grille inside. Adjust the telescopic duct without forcing it. Use a compatible RV/marine roof sealant around the exterior flange and fastener penetrations.
- 5. Fasten carefully. Secure the assembly evenly. Do not overtighten into plastic or distort the flange.
- 6. Wire the 12 V circuit. Confirm polarity on the delivered unit, make insulated connections and protect the branch circuit according to the vehicle's wiring design and applicable standards. No fuse rating is specified by the source records.
- 7. Test. Restore power and select I. Position 0 is off. The exact-match A200258 seller states that position II is not used.

Safety: keep hands and loose objects away from the fan, never operate with damaged wiring, and inspect the exterior seal regularly. Clean the insect screen only with power disconnected.

Source and provenance record

Rawest Oy — model 0100031. Exact product photograph; 12 V / 0.10 A, 1,800 r/min, 100 m³/h, 118 mm opening, 45–140 mm installation surface, insect screen.

rawest.fi/product/26/12v-poistoilmapiuhallin--tuloilmapiuhallin-katolle...

waerchzueg.ch — article A200258. Exact housing, grille, switch, internals and dimension image; 12 V / 1.2 W / 0.10 A, 1,800 r/min, 60 CFM, 118 mm opening, 135 mm nominal fan diameter, 80–160 mm listed adjustable height; seller explicitly notes switch position II is unused.

waerchzueg.ch/products/12v-1800-r-mp-rv-auto-motor-home-roof-ventilation...

Prepared 23 July 2026. Original manufacturer and factory model are not known. Seller identifiers are retained for traceability. This document does not imply endorsement by Rawest Oy, waerchzueg.ch or the OEM.