



Silent ECO U 60, Silent ECO U 100, Silent ECO U 60 F90,
Silent ECO U 100 F90, Silent ECO A 60, Silent ECO A 100,
Silent ECO A 60 F90 и др.

Бытовые вентиляторы для настенного монтажа в ванные комнаты, туалеты, складские помещения серии Silent ECO.

Технические характеристики.



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Вентиляторы серии Silent ECO.

Flush and Surface-mounted fan for venting bathrooms, WCs, non-commercial kitchens, storage rooms, etc.

Suitable for connecting to a shared rising mains (single pipe system), for wall and ceiling installation.

Base load GL means that the motor has a 2-speed design. A multitude of switching variations make it possible to adapt the operating modes to suit the building's situation. The base load (or low level) is activated for instance via an on/off switch (not possible in conjunction with a delayed shut-off relay) or hygrostat or is permanently on. The high level can be activated as needed via an on/off switch, delayed shut-off relay, hygrostat, etc.

Технические характеристики:

Modell	Basic technical specifications							
	Plastic casing with cold smoke damper, installation depth 98 mm	Fire resistant casing with cold smoke damper and FLI 90 fire damper, installation depth 140 mm	Silenced facing in a high-gloss look with filter, white, ~RAL 9016, extraction through lateral shadow gaps	Fan unit with maintenance-free, energy-saving external rotor motor with constant volume flow characteristic	FLI 90 - fire damper	Exhaust air vent NW 75/80 rear	Exhaust air vent NW 75/80 top	Pluggable delayed shut-off relay, delayed switch-on/switch-off, fixed time settings, Type NRS
Silent ECO U 60	•		•	•		•	•	•
Silent ECO U 100	•		•	•		•	•	•
Silent ECO U 60 F90		•	•	•	•	•	•	•
Silent ECO U 100 F90		•	•	•	•	•	•	•
Silent ECO A 60			•	•			•	•
Silent ECO A 100			•	•			•	•
Silent ECO A 60 F90			•	•	•			•
Silent ECO A 100 F90			•	•	•			•

Modell	Basic technical specifications							
	... INS/E - Pluggable delayed shut-off relay, switch-on delay and lag time adjustable	.../GL - Two-speed design	.../HGE - Delayed shut-off relay, switch-on delay and lag time adjustable	...INS/ECO - Lag time interval controller, switch-off delay and interval period adjustable	Intake manifold for WC bowl extraction NW 40/50 (state left, right or bottom when placing order)	Intake manifold for adjoining room extraction NW 75/80 (state left, right or bottom when ordering)	MBK - Installation bracket, plastic	MBM - Installation bracket, metal,
Silent ECO U 60	•	•	•	•	•	•	•	•
Silent ECO U 100	•	•	•	•	•	•	•	•
Silent ECO U 60 F90	•	•	•	•		•		•
Silent ECO U 100 F90	•	•	•	•		•		•
Silent ECO A 60	•	•	•	•				

Silent ECO A 100	•	•	•	•				
Silent ECO A 60 F90	•	•	•	•				
Silent ECO A 100 F90	•	•	•	•				

Technical description:

- pressure volume flow characteristic curve certified pursuant to Austrian Standard ÖNORM H 6036, air backflow flap designed as a cold smoke damper, temperature resistant up to 200°C, air leak rate <0.01 m³/h, certified by accredited inspecting authority TÜV SÜD Munich
- ÖVE-certified, hose-proof IPX5, suitable for installation in the safe areas of showers and baths
- protection class II, no grounding conductor required
- easy to exchange air backflow flap
- silenced designer facing and filter bracket in high-gloss look, white, ~RAL 9016
- easy to exchange large-surface filter device pivots by 10° for perpendicular equalisation plaster equalisation up to -30 mm
- fan unit with Quick Snap technology for screwless quick fitting with a vibration-absorbing bracket for insulation against structure-borne noise
- easy to install silenced facing through the use of self-tapping screws
- trouble-free electrical connection through pre-wired pluggable motor including control electronics and connection for a pluggable delayed shut-off relay type NRS or NRS/E or an interval delayed shut-off device type INS/ECO
- max. permissible exhaust air temperature 40°C

Motor

Maintenance-free, energy-saving external rotor motor with constant volume flow characteristic with a direct-mounted, low noise / low energy high-performance impeller and built-in thermal contact, pre-wired and pluggable, 2-speed GL design

Fan unit

Volute casing and base plate made of tough polycarbonate, temperature resistant up to 150°C.

Casing

98 mm installation depth, made of ABS, with integrated cold smoke damper, three pre-punched slots for WC bowl or adjoining room extraction Ø 40/50 or Ø 75/80 (surcharge applies for the respective connecting piece), exhaust air vent to the top (or to the rear), conical for pipes with an inner diameter of 75 – 80 mm.

Casings are also available with a fire-resistant coating and maintenance-free fire damper against fire transmission as fire-prevention measures - see technical documentation for SILENT ECO U ... F90.

Silent ECO U F90 - fire resistant casing made of silicate fibre 40 mm fire resistant panels on all sides with integrated cold smoke damper, metal exhaust air vent Ø 80 to the top (or to the rear) and integrated, maintenance-free damper against fire transmission, certified and suitable for installation in fire containment walls from 40 mm (e. g. 2x20 mm Rigips- Ridurit).

Silent ECO A - rigid, two-part surface-mounted casing in a high-gloss look, white, ~RAL 9016, with integrated cold smoke damper, exhaust air vent for pipes and hoses with a minimum inner diameter of 80 mm, sound-insulating sealing strip around the box on the rear.

Silent ECO A F90 - rigid, two-part surface-mounted casing in a high-gloss look, white, ~RAL 9016, with integrated cold smoke damper, sound-insulating sealing strip around the box on the rear.

Technical specification

Modell	Q _v [m ³ /h]	P _{max} [W]	U [V]	[dB(A)]
ECO U 60/G	67	11,2	230/50	36
ECO U 60 GL/G	67/27	11,2/4,8	230/50	36/24
ECO U 100/G	111	27,3	230/50	46
ECO U 100GL/G	111/27	27,3/4,8	230/50	46/24
ECO U 60/T	66	11,2	230/50	37
ECO U 60 GL/T	66/27	11,2/4,5	230/50	37/24
ECO U 100/T	107	26,9	230/50	44
ECO U 100GL/T	107/27	26,9/4,5	230/50	44/24
ECO A 60	66	11,2	230/50	37
ECO A 60 GL	66/27	11,2/4,5	230/50	37/24
ECO A 100	107	26,9	230/50	44
ECO A 100GL	107/27	26,9/4,5	230/50	44/24

NOTE Assembling of the ventilator at the ceiling results increases acoustic pressure by approximately 3 dB!

Technical information

Base load GL means that the motor has a 2-speed design. A multitude of switching variations make it possible to adapt the operating modes to suit the building's situation. The base load (or low level) is activated for instance via an on/off switch (not possible in conjunction with a delayed shut-off relay) or hygrostat or is permanently on. The high level can be activated as needed via an on/off switch, delayed shut-off relay, hygrostat, etc.

Packaging

Fans of the SILENT ECO U ... series are available in 2 convenient packaging units:

1. For preliminary installation: Casing complete with integrated air backflow damper, conical exhaust air vent Ø 75 – 80 mm, snap-fit recyclable dirt cover, a connection manifold for WC bowl or adjoining room extraction is available against surcharge.

2. For completion: Fans unit, pre-wired and pluggable (available if desired with a delayed shut-off relay or 2-speed in GL design against surcharge). High-gloss facing, silenced, 2-part with filter (also available on request with a HGEECO hygrostat against surcharge).

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