



Low-noise window fans for use in private, commercial and industrial buildings. The series GX offers smooth running and functional reliability in continuous operation. The fan and external grille come in pleasant white. Attractive design, integrates unobtrusively in all rooms and any building facade.

Area of application

For the ventilation of medium and large rooms of any kind in the temperature range from -30 °C to +40 °C.

Special features

Universal application

Prepared for installation in single glazed windows, double glazed windows and panels as standard. Suitable accessories available for composite windows and wall installation.

Electrical connection

Concealed behind elegant inner facade. Tight-closing and silent function. The shutter has a lo-

cked position which allows permanent opening when the fan is deactivated (static ventilation in summer). The automatic shutter function is forced and time-delayed with the fan circuit.

Casing

Attractive design made of high-quality, impact-resistant plastic. Colour: white. Inner facade can be removed with one hand and without tools for cleaning in a water bath (power supply is then automatically interrupted).

Motor

Enclosed, splash-proof motor (IP44) with thermal overload protection. GX EC 150 with energy-saving EC motor. Maintenance-free and radio interference-free. Maximum air flow temperature +40 °C. Power can be controlled via speed controller (accessories) depending on type.

Installation

The service-friendly and installation-friendly unit design allows quick installation with only a few steps.

operating modes without changing the wiring:

- Extract ventilation
- Supply ventilation or
- Reversing operation by means of external operating switch/speed controller (accessories).
- Static ventilation possible (without fan operation) by locking the shutter.
- Control via on-site On/Off switch or operating switch/speed controller (accessories). Automatic shutter function with fan circuit.
- Flat rain grille does not obstruct venetian blinds or roller shutters.
- Installation-friendly design, all main parts can be removed for cleaning without tools.

Description GX 300

- Powerful fan in comfort class for the supply and extract ventilation of larger rooms in attractive softline design. Blends in harmoniously in all environments and building facades.
- Internal operating mode switch allows the following without changing the wiring:
 - Extract ventilation
 - Supply ventilation or
 - Reversing operation by means of external operating switch/speed controller (accessories).
- Control via on-site On/Off switch or operating switch/speed controller (accessories). Automatic shutter function with fan circuit.
- Static ventilation, installation and external cover see GX 225.
- Installation-friendly design, room-side casing parts can be removed for cleaning without tools.

Description GX EC 150

- Sophisticated fan in a lower performance class for extract ventilation.
- Installation in single glazed and double glazed windows as well as fixed and hinged composite windows using accessories.
- Flat, external rain-repellent grille does not obstruct venetian blinds or roller shutters.
- Service-friendly and installation-friendly. Room-side casing parts can be removed for cleaning without tools.
- Shutter function can be switched to static ventilation (without fan operation).
- Energy-saving EC-Motor in protection category IP54 with maximum efficiency level.

Description GX 225

- Fan in medium performance class offering high convenience and integrated function switch which enables the following

Reference

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Speed controllers, controllers & turn-off delay switches 599 ff.

Product range			
Technical data	GX EC 150	GX 225	GX 300
Ref. no.	09367	01484	01485
Electrical inner shutter	Available	Available	Available
Reversible (supply & extr. ventilation)	Not available	Available	Available
Pane cutout Ø mm	184 mm	257 mm	324 mm
Flow rate free blowing m ³ /h	230	670	1650
Impeller Ø mm	150	225	300
Power consumption Watts	10	45	125
Voltage, 50 Hz (GX EC 150 - 50/60 Hz)	230 V	230 V	230 V
Rated current A	0.06	0.3	0.7
Speed min ⁻¹	1480	1250	1250
Sound pressure ¹⁾ /power dB(A)	44/52	54/61	61/68
Weight approx. kg	1.4	4.0	7.0
Wiring diagram no.	1385	538	538

¹⁾ at 1 m free field conditions. ²⁾ with reversing switch. ³⁾ with two speeds and reversing switch.

Accessories Window fan			
Type	GX EC 150	GX 225	GX 300
Double glazed window mounting kit			
for closed panes	DR 150 ⁴⁾	DR 225 ⁴⁾	DR 300 ⁴⁾
Ref. no.	05114	05115	05116
Wall installation			
with screw fastening, 50 cm long	SB 50/2	SB 50/3	SB 50/4
Ref. no.	01385	01386	01387
with feed duct	KR 150 ⁵⁾	WER 225/250 ⁶⁾	WER 300 ⁷⁾
Ref. no.	05091	00369	00469
Elec. speed controller flush/surface	—	ESU 1/ESA 1	ESU 1/ESA 1
Ref. no.	—	00236/00238	00236/00238
Elec. speed controller ²⁾ surface-m.	—	BSX	BSX
Ref. no.	—	00240	00240
Operating switch ²⁾ flush-mounted	—	DSEL 2	DSEL 2
Ref. no.	—	01306	01306
Operating switch ³⁾ surface-mounted	—	FR 22/30	FR 22/30
Ref. no.	—	00998	00998

⁴⁾ Spacer rings for underpinning from 2–35 mm (1 set = 10 pcs).

⁵⁾ 330 mm long. ⁶⁾ 170 – 500 mm long. ⁷⁾ 170 – 450 mm long.