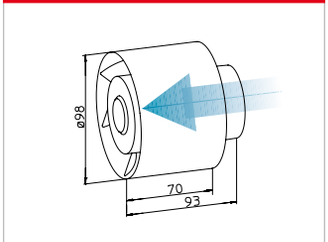
REW 90 K

REW 150/2

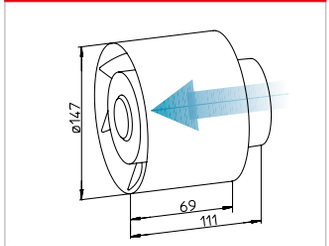
REW 200

Dimensions REW 90 K



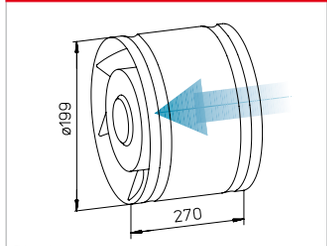
Dim. in mm

Dimensions REW 150/2



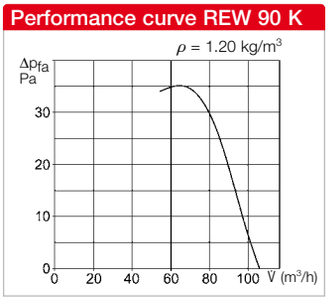
Dim. in mm

Dimensions REW 200

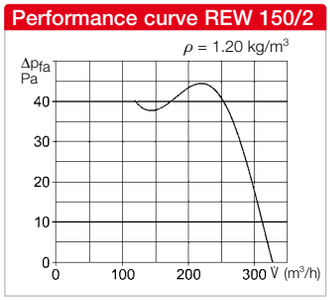


Dim. in mm

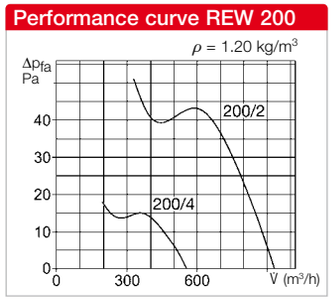
Performance curve REW 90 K



Performance curve REW 150/2



Performance curve REW 200



Description REW 90 K

Suitable for insertion in ducts with NW 100. Casing made of high-quality, impact-resistant plastic with integrated guide apparatus. Profiled high-performance impeller with 5 blades made of plastic. Motor with thermal overload protection for continuous operation with maintenance-free, lifetime lubricated ball bearings. Terminal box at rear of the motor for electrical connection.

Description REW 150/2

Suitable for insertion in ducts with NW 150. Casing made of high-quality, impact-resistant plastic with integrated guide apparatus. Profiled high-performance impeller with 8 blades made of plastic. Motor with thermal overload protection for continuous operation with maintenance-free, lifetime lubricated ball bearings, reversible, for continuous operation. Terminal box at rear of the motor for electrical connection.

Description REW 200

Suitable for insertion in ducts with NW 200. Casing with two outward-facing reinforcing beads made of galvanised steel sheet. Profiled impeller with 7 blades made of plastic. Enclosed motor with thermal overload protection for continuous operation and die-cast aluminium casing. Tropicalised winding with humidity protection. Ball bearing mounted, maintenance and radio interference-free; reversible. Term. box on motor.

Use options

Versatile axial fans for delivering small to medium volume flows against low resistances.
Unit can be used for room ventilation, air circulation, cooling, drying, etc.

Installation

Unit can be installed in any position. The flow direction depends on the installation position. Suitable for insertion or interpositioning in pipes.
In this context, note possible pressure performance and resistances.
In case of higher resistances, use centrifugal inline fans.
Electrical connection at rear of the motor. During installation makes sure that the fan remains accessible for inspection.

Type	REW 90 K	REW 150/2	REW 200/4	REW 200/2
Ref. no.	00441	00440	07504	07505
Reversible (supply and extract ventilation)	No	**DSEL 2** [1] No. 01306	**DSEL 2** [2] No. 01306	**DSEL 2** [2] No. 01306
Flow rate free blowing m³/h	105	330	550	930
Impeller Ø mm	93	140	200	200
Speed min⁻¹	2320	2100	1350	2280
Voltage / Frequency	230 V~ / 50 Hz	230 V~ / 50 Hz	230 V~ / 50 Hz	230 V~ / 50 Hz
Power consumption W	15	29	30	60
Rated current A	0.10	0.13	0.13	0.26
Sound pressure level dB(A) at 1 m	45	56	43	56
Wiring diagram no.	479	478	439	439
Protection category	IP55	IP44	IP54	IP54
Max. air flow temperature	+40 °C	+40 °C	+40 °C	+40 °C
Weight approx. kg	0.5	1.5	2.0	2.5

[1] NYM-O 3 x 1.5 mm² required for reverse operation.
[2] NYM-J 4 x 1.5 mm² required for reverse operation.

Accessories for REW 90, 150 and 200

Electronic turn-off delay timer
ZNE Ref. no. 00342
With continuously variable overrun times from 0 to 21 min. Startup delay (45 sec.), optional activation. Activation via on/off switch, e.g. together with light. Miniature construction with minimum dimensions. For installation in flush-mounted box behind switch. 230 V, I max. 0.8 A (ind.), I min. 0.05 A. IP40.

Electronic interval switch
ZNI Ref. no. 00343
with adjustable interval and turn-off delay periods
Automatic ventilation in adjustable time intervals (4, 8, 12 or 24 hrs.), provided there is no manual activation within the time phase. In case of manual activation (e.g. activation via light switch), there will be an overrun between 0 and 21 minutes, continuously variable. For installation in flush-mounted box behind switch. 230 V, I min. 0.05 A, I max 0.8 A (ind.). IP40.

Disc valve
For air extract at high and low flow velocities and resistances.
KTV, KTVA
Plastic disc valve for extract air
MTVA
Metal valve for extract air

Fixed grille
For covering of ventilation openings.
G 100, G 160, G 200
Made out of impact resistance plastic.

Shutter
Gravity operated shutter.
VK 100, VK 160, VK 200
Made from plastic.

Accessories for REW 150 and 200

Electronic speed controller
ESU 1 Ref. no. 00236
For flush-mounted installation. Front and rotary knob made of white plastic. Installation in standard flush-mounted box. Operation indicator via light ring.

Max. load	1 A
Minimum load	0.15 A
Protection category (installed)	IP30
Wiring diagram no.	556.1
Dim. mm	W80 x H 80 x D21 prot.

Electronic speed controller
ESA 1 Ref. no. 00238
For surface-mounted installation. White plastic casing, operation indicator via light ring in rotary knob.

Max. load	1 A
Minimum load	0.15 A
Protection category	IP40
Wiring diagram no.	556.1
Dim. mm	W 80 x H 80 x D 65

Speed controller with reverser
BSX Ref. no. 00240
Surface-mounted speed controller with reverser for reversible fans (supply and extract ventilation) in white plastic casing. Only for fans which are reversible using a changeover switch.

Max. load	1 A (T 40 E)
Minimum load	0.15 A
Protection category	IP40
Wiring diagram no.	480.2
Dim. mm	W 80 x H 80 x D 65

Speed switch
DSEL 2 Ref. no. 01306
With functions On/Off, low and high speed.

Load capacity	3 A (ind.)
Voltage	230 V, 1~, 50/60 Hz
Protection category	IP 30
Installation	in standard flush-mounted box
Dimensions mm	W 80 x H 80 x D 15
Weight approx.	0.1 kg

Accessory details	Page
Flexible ventilation ducts, roof outlets and ventilation grilles	561 ff.
Extract, supply, intake air elements and disc valves	574 ff.
Speed controllers, controllers & turn-off delay switches	599 ff.