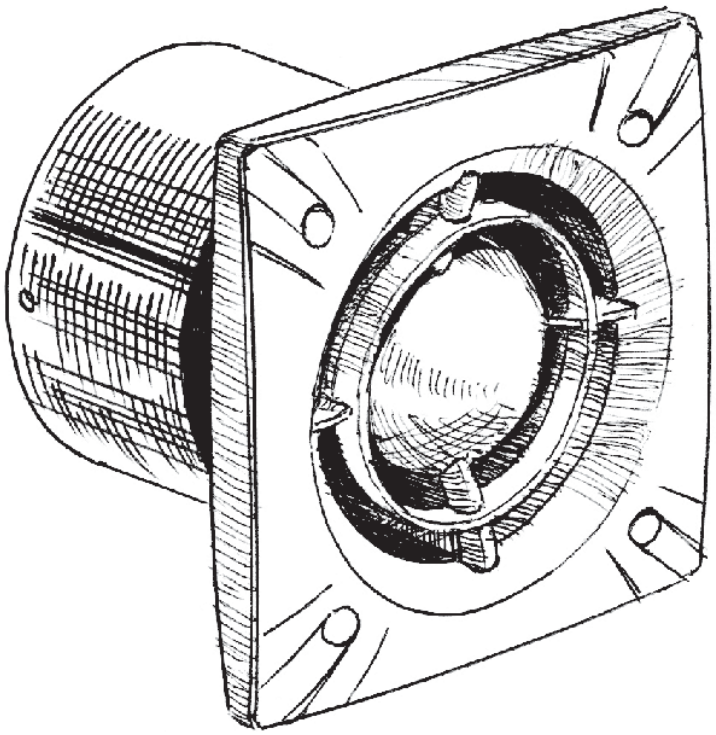


Slim

USER'S MANUAL

BLAUBERG Ventilatoren

EN

Introduction

This User's manual includes information regarding installation of equipment as well as rules and precautions that are important for proper and safe operation of fan.

Application

The "SLIM" fans are designed for ventilation of residential and public premises which are heated during winter time.
The fans are designed for wall or ceiling mounting (see fig. 6, 7).
Fans are designed for continuous operation without disconnection from network.
The fan design is constantly being improved, for that reason some models can slightly differ from those models described in this manual.
The fan supplied with timer and the fan supplied with timer and humidity sensor is shown on fig.1

DELIVERY SET

Delivery set includes:
Fan - 1 pce;
Operating manual - 1 pce;
Screw - 4 pcs;
Packing box - 1 pce.

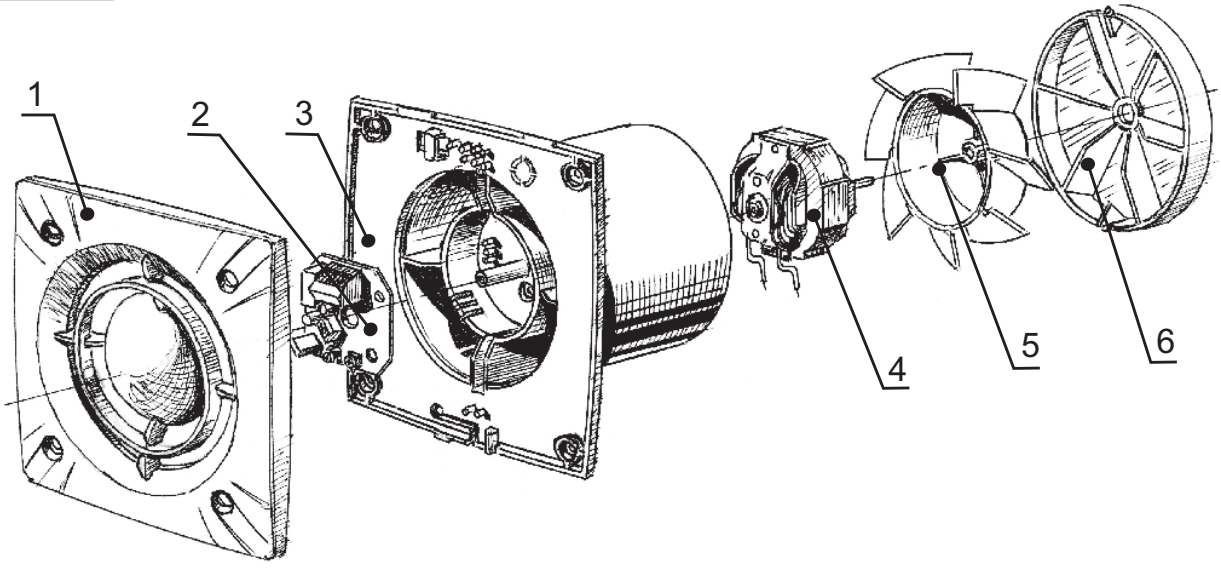


fig.1
1-cover plate, 2-timer, 3-casing, 4-electric motor, 5-impeller, 6-backdraft valve

Basic characteristics

Designation of fans, specification, configuration, overall and connecting dimensions are listed in tables 1, 2, 3 and are shown on figures 1, 2.

The fans are designed for connecting to AC 220-240V, 50 Hz network.

Table 1

Type	Max. air flow capacity, m^3/h	Rated power, W	RPM	Noise level, dB(A)
Slim 100	105	14	2300	33
Slim 125	190	16	2400	34
Slim 150	305	24	2400	37

Fan configuration options are shown in table 2.

Table 2

	Basic model	S	T	ST	H	SH
Adjustable run-our timer (2-30 min)			●	●		
Timer with humidity sensor					●	●
Pull-cord switch		●				●
Backdraft valve	●	●	●	●	●	●

The fans are designed for use in premises with temperature ranging from 0°C to +45°C.

The fans do not cause interference with radio-, TV- or video- equipment.

Service life is no less than 5 years.

Table 3

Type	Dimensions, mm					Weight
	a	b	c	d	e	
Slim 100	150	120	111	100	15	0,55
Slim 125	176	140	115	125	15	0,71
Slim 150	205	165	134	150	16	0,89

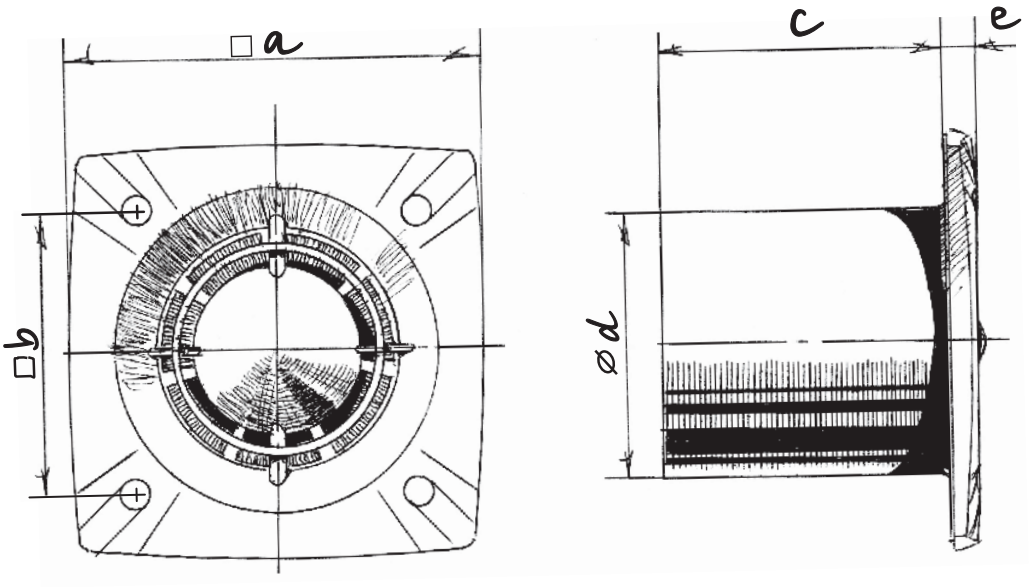


Fig. 2

Safety requirements

Protection rating from access to dangerous parts and water penetration is IP 24.

Before connecting the fan to the power supply network, please make sure that the fan is free of any visible damages or any foreign objects inside the casing that may damage the impeller.

Installation work and electrical wiring must be performed by the qualified electrician personnel in accordance with all the applicable codes and standards after careful study of this user's manual.

Any maintenance and repair works should be executed after the fan disconnection from power supply network.

PROHIBITED:	Fan operation in any conditions beyond the specified temperature range or in premises with aggressive impurities in the air and in explosive environment is prohibited. Installation and preparation for operation

Installation and preparation for operation

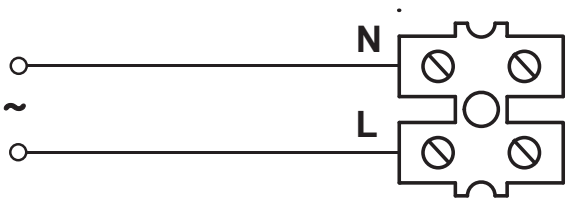
ATTENTION:	Mounting and connecting of the fan (see fig. 5-9) should be done with disconnected power network only. Schemes of fan electical connection to the power network are shown on fig. 3.1-3.3

Timer circuit is under mains voltage. Adjustment of the timer should be made only when the fan is disconnected from the power network.

The fan connection to a single-phase network should be performed by means of a ON/OFF switch incorporated in the stationary wiring with a clearance between the dead contacts not less than 3 mm for all poles.

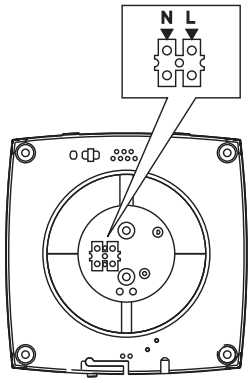
Air motion must match the direction of a pointer on the fan casing.

fan connection diagrams to the power network

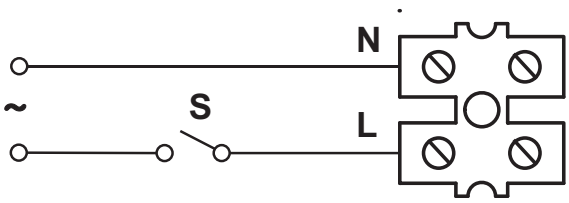


Connection diagram for a fan supplied
with a built-in switch

Fig. 3.1

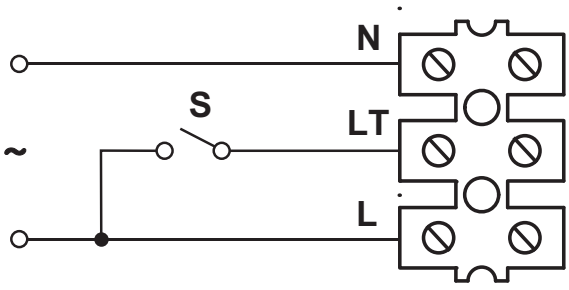


100/125/150 S
series fan connection



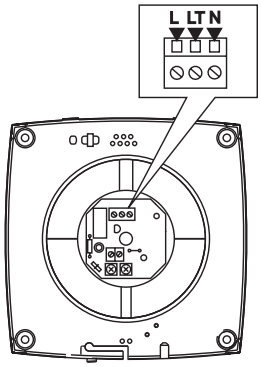
Connection diagram for a fan without
a built-in switch, where S is an external switch

Fig. 3.2

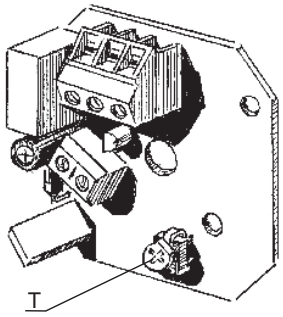


Connection diagram for a fan supplied
either with a timer or a timer and humidity sensor
with a built-in switch

Fig. 3.3



100/125/150 T, H, ST, SH
series fan connection



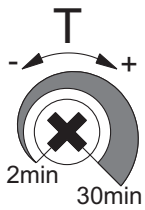
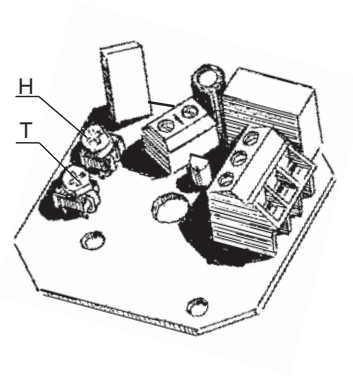


Fig. 4.1

The fan supplied with the timer

starts working after the control voltage is supplied to the LT input.
After the control voltage is off, the fan will keep running within the time set by the timer ranging from 2 to 30 minutes.
Timer adjustments are made by rotating of the potentiometer T clockwise in order to prolong the turn-off delay time or counter-clockwise in order to reduce turn-off delay time (fig.4.1)



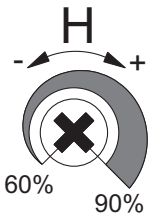


Fig. 4.2

The fan supplied with the timer and the humidity sensor

starts working after the control voltage is supplied to the LT input or when the set humidity level H (which can be regulated from ~60% up to ~90%) is exceeded.
After the control voltage is off or after the humidity level has decreased the fan will keep running within the time set by the timer ranging from 2 to 30 minutes.
Adjustments are made by rotating the potentiometer H or T clockwise or counter-clockwise for reducing the humidity threshold and turn-off delay time respectively.

The potentiometer regulator should be turned to Hmax position in order to set the maximum humidity level 90%.

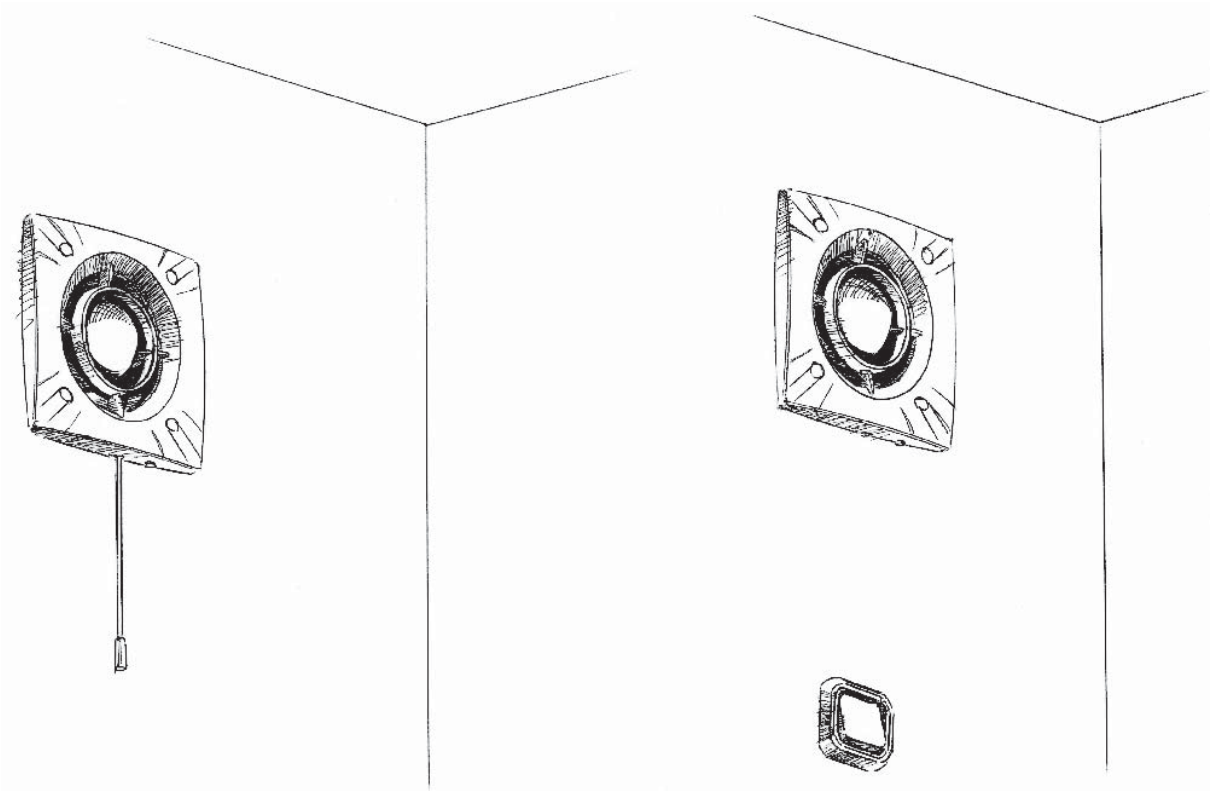


Fig. 5

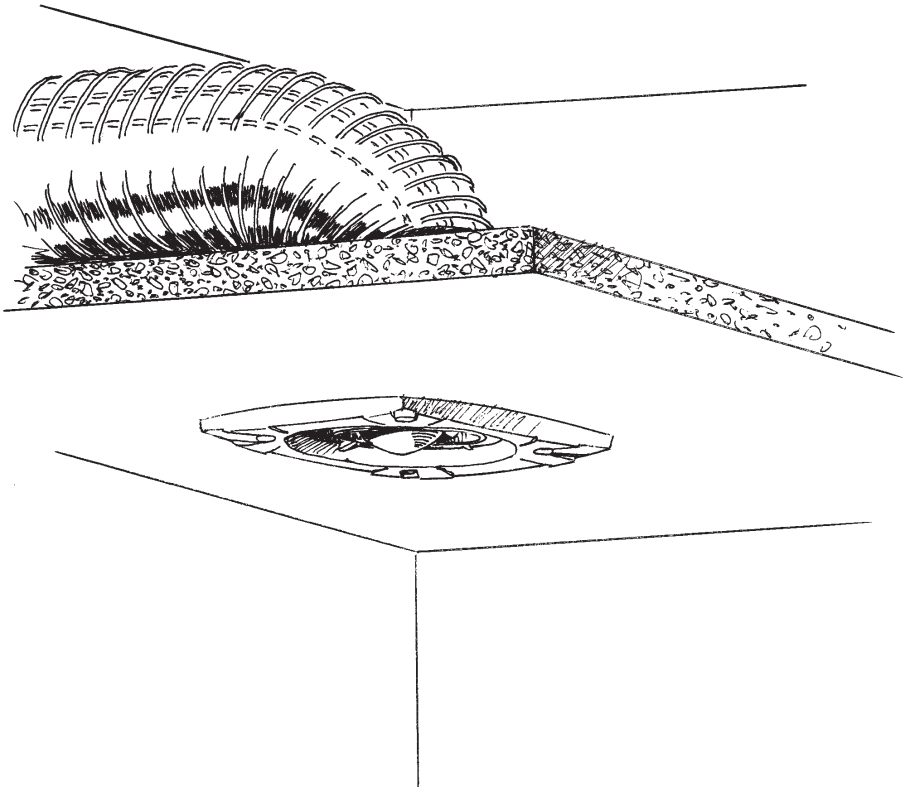


Fig. 6

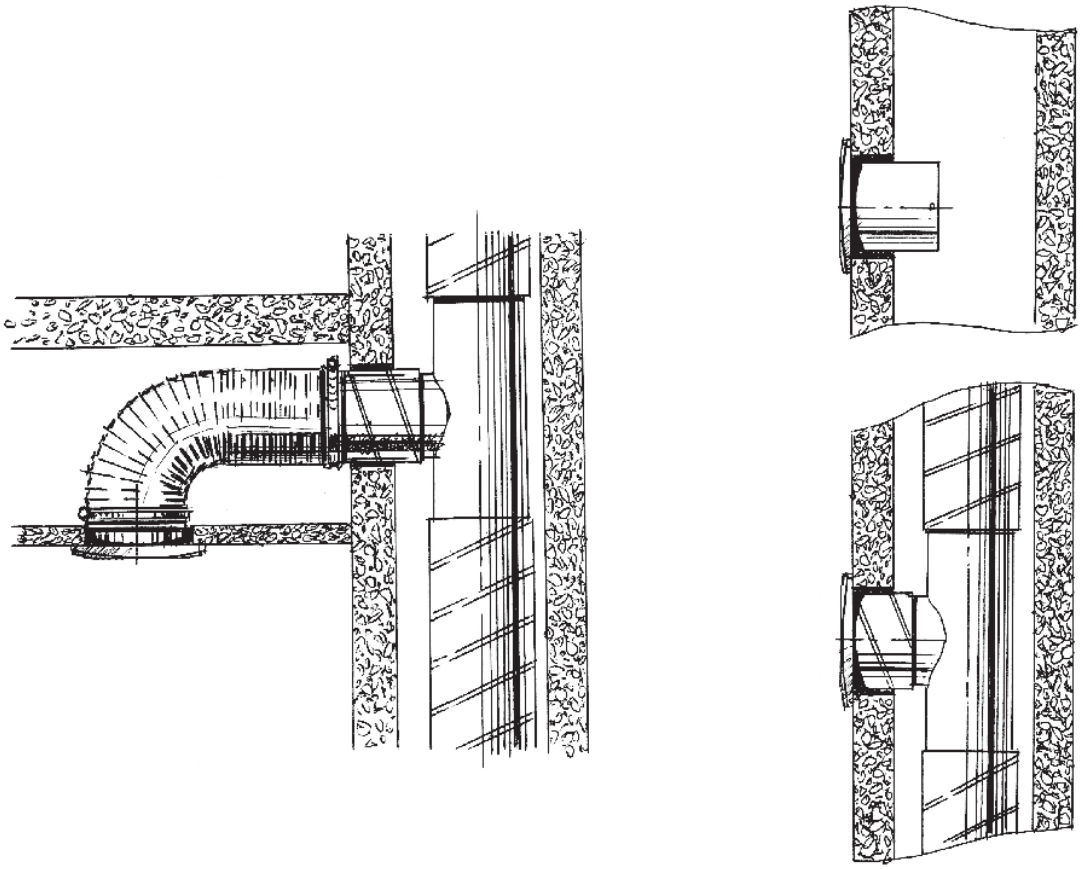


Fig. 7

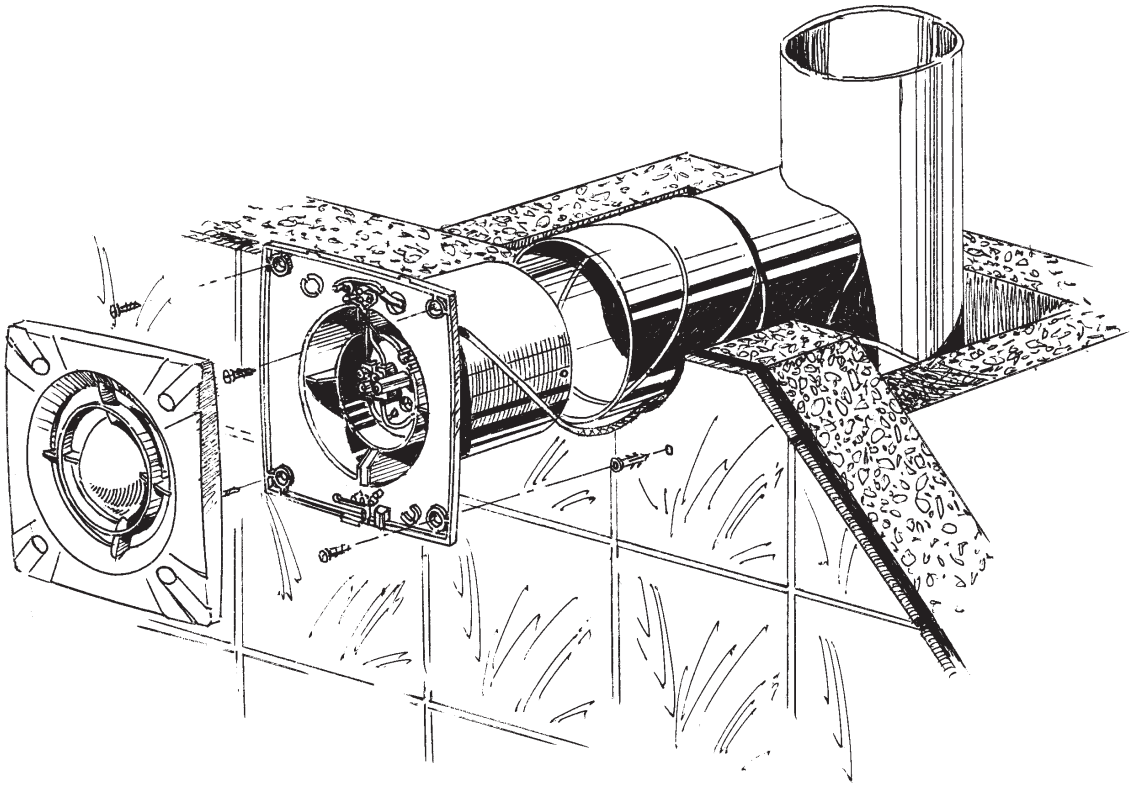


Fig. 8

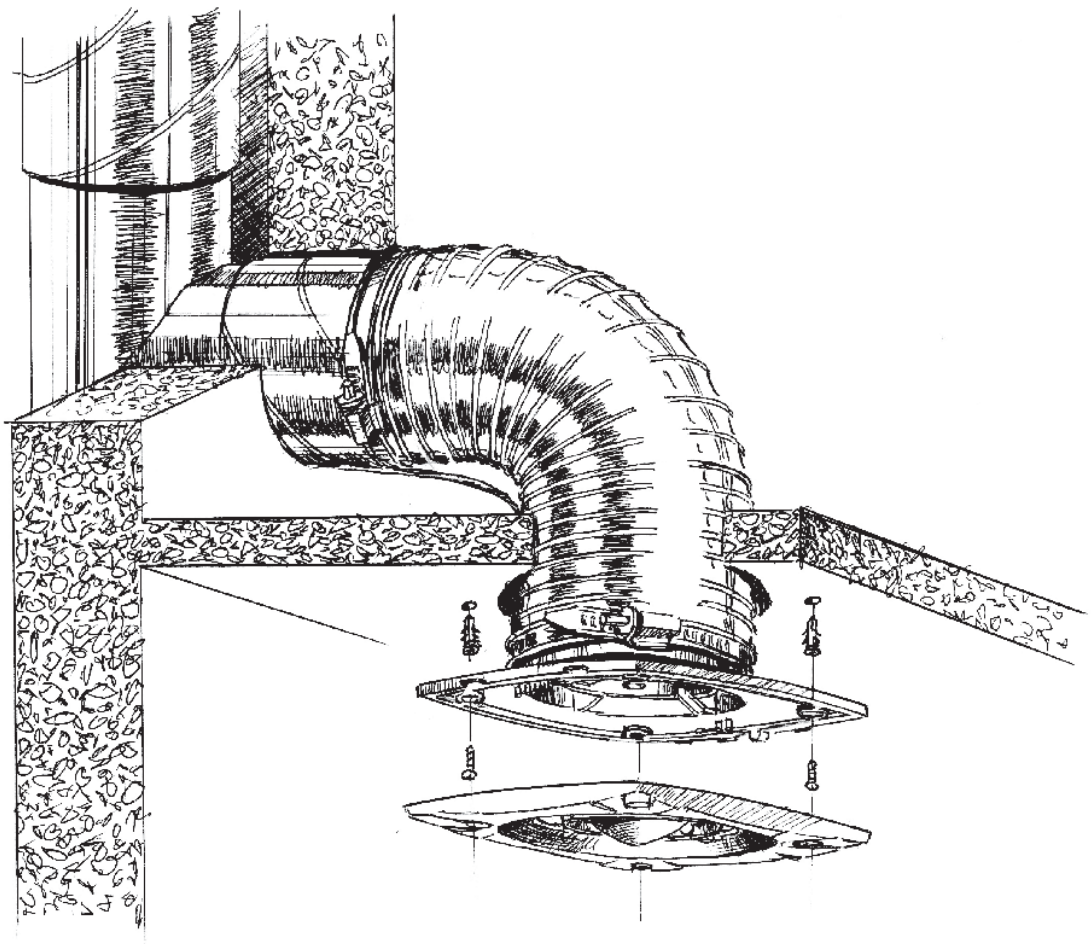


Fig. 9

MAINTENANCE

Fan maintenance is performed only after its disconnecting from power supply network.

Maintenance means periodic clearing of the surfaces from dust and dirt.

Cleaning is made with soft cloth and water solution and washing agent with the subsequent dry wiping.

The impeller blades should be thoroughly cleaned every 6 months.

Avoid water drops with the electric motor.

MANUFACTURER'S WARRANTY

The fan complies with the requirements according to the EU norms and directives, to the relevant EU-Low Voltage Equipment Directives, EU-Directives on Electromagnetic Compatibility and approved for operation

Manufacturer guarantees normal operation of the unit witin 5 years from the date of resale under condition that the transport, storage, mounting and operation rules described in the present manual are observed.

In case of failure due to faulty equipment during warranty period, the Consumer has the right to have it exchanged by the Seller.

In case of no mark of sales date, the warranty period is calculated starting from the production date.

ATTENTION:

The manufacturer is not responsible for any damages resulting from the unit misuse or gross mechanical effect.

The fan user should observe the user's manual.

WARRANTY CERTIFICATE

BLAUBERG

Slim 100
Slim 125
Slim 150

The fan (underline the type)
has been duly certified
as serviceable.

Sales date

Production date

Seller

Stamp of the acceptance inspector