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1 609 929 X19 (2011.01) O / 183 UNI



1 609 929 X19

GAS 15 L Professional



de Originalbetriebsanleitung
en Original instructions
fr Notice originale
es Manual original
pt Manual original
it Istruzioni originali
nl Oorspronkelijke
gebruiksaanwijzing
da Original brugsanvisning
sv Bruksanvisning i original
no Original driftsinstruks
fi Alkuperäiset ohjeet

el Πρωτότυπο οδηγιών χρήσης
tr Orijinal işletme talimatı
pl Instrukcja oryginalna
cs Původní návod k používání
sk Pôvodný návod na použitie
hu Eredeti használati utasítás
ru Оригинальное руководст-
во по эксплуатации
uk Оригінальна інструкція з
експлуатації
ro Instrucțiuni originale
bg Оригинална инструкция

sr Originalno uputstvo za rad
sl Izvirna navodila
hr Originalne upute za rad
et Algupärane kasutusjuhend
lv Instrukcijas oriģinālvalodā
lt Originali instrukcija
ar تعليمات التشغيل الأصلية
fa راهنمای طرز کار اصلی



Safety Notes



Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

Save these instructions.

- ▶ **Do not vacuum dust from beech or oak wood, masonry dust or asbestos.** These materials are considered carcinogenic.

⚠ WARNING Use the vacuum cleaner only after having received sufficient information on the usage of the vacuum cleaner, the materials to be vacuumed and their safe disposal. A thorough introduction reduces operating errors and injuries.

- ▶ **Children or persons that, owing to their physical, sensory or mental limitations or to their lack of experience or knowledge, are not capable of securely operating the vacuum cleaner, may only use this vacuum cleaner under supervision or after having been instructed by a responsible person.** Otherwise, there is danger of operating errors and injuries.

⚠ WARNING The vacuum cleaner is suitable for vacuuming dry materials and, by taking suitable measures, also for vacuuming liquids. The penetration of liquids increases the risk of an electric shock.

- ▶ **Do not vacuum inflammable or explosive fluids; for example, benzene, oil, alcohol, solvents. Do not vacuum hot or burning dust. Do not operate the machine in rooms where the danger of an explosion exists.** The dusts, vapours or fluids can ignite or explode.

⚠ WARNING Use the socket only for the purposes specified in of the operating instructions.

⚠ WARNING Switch the vacuum cleaner off immediately as soon as foam or water comes out, and empty the container. Otherwise, the vacuum cleaner can become damaged.

⚠ WARNING The vacuum cleaner may only be used and stored indoors.

The penetration of rain or moisture into the vacuum cleaner lid increases the risk of an electric shock.

⚠ WARNING Clean the float at regular intervals, and check it for damage.

Otherwise, its function can be impaired (see Fig. 14, page 179).

- ▶ **When operating the vacuum cleaner in damp environments, use a residual current device (RCD).** Using a residual current device (RCD) reduces the risk of an electric shock.
- ▶ **Connect the vacuum cleaner to a properly earthed mains supply.** The socket outlet and the extension cable must have an operative protective conductor.
- ▶ **Before each use, check the vacuum cleaner, cable and plug. Do not use the vacuum cleaner when defects are detected. Do not open the vacuum cleaner yourself and have it repaired only by qualified personnel using original spare parts.** Damaged vacuum cleaner, cables and plugs increase the risk of an electric shock.
- ▶ **Do not drive over, crush or stretch the cable. Do not pull the cable to unplug the plug from the socket outlet or to move the vacuum cleaner.** Damaged cables increase the risk of an electric shock.
- ▶ **During work breaks, when not in use or when working on the machine (e. g. changing tool inserts, repairs, cleaning, adjustments), pull the mains plug.** This safety measure prevents accidental starting of the vacuum cleaner.
- ▶ **Provide for good ventilation at the working place.**
- ▶ **Supervise children.** This will ensure that children do not play with the vacuum cleaner.
- ▶ **Have the vacuum cleaner repaired only through qualified specialists and only using original spare parts.** This ensures that the safety of your vacuum cleaner is maintained.

10 | English

- ▶ **The vacuum cleaner contains materials that are hazardous to one's health. Have the emptying and maintenance, incl. the disposal of dust-collection containers, carried out only by specialists. Appropriate protective equipment is required. Do not operate the vacuum cleaner without the complete filter system.** Otherwise there is danger to your own health.
- ▶ **Before restarting, check the proper condition of the vacuum hose. When doing this, leave the vacuum hose mounted to the vacuum cleaner to avoid dust from coming out.** Otherwise, you could possibly inhale dust.
- ▶ **Do not use the vacuum cleaner as a seat.** The vacuum cleaner could become damaged.
- ▶ **Use the mains cable and the vacuum hose carefully.** Other persons could be harmed.
- ▶ **Do not clean the vacuum cleaner with a water jet pointed directly at it.** The penetration of water into the vacuum cleaner lid increases the risk of an electric shock.
- ▶ **Remove the dust bag and empty the container before wet vacuuming.**
- ▶ **The vacuum cleaner has a blower function. Do not blow the outgoing air randomly in enclosed areas. Use the blower function only with the a clean hose.** Dusts can be hazardous to one's health.
- ▶ **After vacuuming, remove the folded filter to prevent the forming of mould and allow it to dry thoroughly; especially before using it for dry vacuuming.**
- ▶ **Operate the vacuum cleaner only with the folded filter mounted.**
- ▶ **A socket outlet with earthing contact is integrated in the vacuum cleaner. An external power tool can be connected there. The vacuum cleaner is automatically put into operation via the power tool. Observe the maximal allowable load of the connected power tool.**
- ▶ **The vacuum cleaner may not be used as a water pump.** The vacuum cleaner is intended for vacuuming air and water mixtures.
- ▶ **Wipe out the container from time to time with a commercially available, non-scouring cleaning agent, and allow it to dry.**

Products sold in GB only: Your product is fitted with an BS 1363/A approved electric plug with internal fuse (ASTA approved to BS 1362). If the plug is not suitable for your socket outlets, it should be cut off and an appropriate plug fitted in its place by an authorised customer service agent. The replacement plug should have the same fuse rating as the original plug. The severed plug must be disposed of to avoid a possible shock hazard and should never be inserted into a mains socket elsewhere.


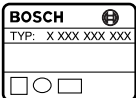
Products sold in AUS and NZ only: Use a residual current device (RCD) with a rated residual current of 30 mA or less.

Additional Safety and Working Instructions

- ▶ **Observe the mains voltage! The voltage of the power source must correspond with the data on the type plate of the vacuum cleaner.**
- ▶ **For dry vacuuming, a dust bag should be inserted. When using a dust bag, the folded filter remains unclogged longer, the vacuuming performance is maintained longer, and the disposal of dust is made easier.**

Symbols

The following symbols are important for reading and understanding the operating instructions. Please take note of the symbols and their meaning. The correct interpretation of the symbols will help you to use the vacuum cleaner in a better and safer manner.

Symbol	Meaning
	GAS 15 L: All-Purpose Vacuum Cleaner
	Article number

Symbol	Meaning
	CAUTION Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.
	Vacuum cleaners of dust category L according to IEC/EN 60335-2-69 for vacuuming materials > 1 mg/m ³ that are hazardous to one's health.
	Do not use the vacuum cleaner as a seat or stepladder
	Before any work on the vacuum cleaner itself, pull the mains plug from the socket outlet
	Wear ear protection.
	Wear a dust respirator.
	Movement direction
	Reaction direction
	Apply strength for the work-step.
I	Switching On
O	Switching Off
II	Remote automatic switching

Symbol	Meaning
	Prohibited action
	Permitted action
	Next step of action
P_1	Rated power input
f	Frequency
	Container volume (gross)
	Net volume
	Vacuum, max.
	Airflow, max.
P	Suction capacity
	Surface of folded filter
L	Dust filter category of vacuum cleaner
	Degree of protection
\oplus / I	Symbol for protection class I (with protective conductor)
	Weight according to EPTA-Procedure 01/2003
	BIA test certificate number for filter/vacuum cleaner
L_{pA}	Sound pressure level
K	Uncertainty

Delivery Scope

All-Purpose Vacuum Cleaner (see figure 1)

A complete overview of accessories can be found in our accessories program.

Intended Use

The machine is intended for collection, vacuuming, conveying and separation of non-flammable dry dusts that correspond with the general exposition limit value of $> 1 \text{ mg/m}^3$, such as dusts of mineral materials with aluminium hydroxide, graphite dusts, aluminium dusts, paper dusts, soot dusts, powder paint dusts, polyurethane dusts, GFRP dusts based on epoxy resin (see manufacturer's data sheet on safety), CFP dusts based on epoxy resin (see manufacturer's data sheet on safety), varnish dusts without carcinogenic components, wood dusts and non-flammable liquids and water-air mixtures. The vacuum cleaner is dust-technically checked and corresponds with dust category L.

The vacuum cleaner has a blower function, e. g. for drying surfaces.

The vacuum cleaner has a socket outlet with remote automatic switching for connection of a power tool with extraction function.

It is suitable for the increased demands of industrial usage, as required in trades, industry and workshops.

The vacuum cleaner may generally not be used in rooms where the danger of an explosion exists.

Technical Data

The technical data of the machine are listed in the Table on page 166.

Mounting and Operation

Action	Figure	Page
Removing accessories	1	167
Mounting the hose holder	2	167
Inserting a dust bag	3	168
Inserting a disposal bag	4	169
Disposing of the dust bag	5	169
Mounting the hose	6	170
Transport position	7	171

The values given are valid for a nominal voltage [U] of 230 V. For different voltages and models for specific countries, these values can vary.

Please observe the article number on the type plate of your vacuum cleaner. The trade names of the individual vacuum cleaners may vary.

Declaration of Conformity

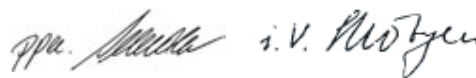
We declare under our sole responsibility that the product described under "Technical data" is in conformity with the following standards or standardization documents: EN 60335 and the directives 2006/42/EC, 2004/108/EC including their amendments.

Technical file at:

Robert Bosch GmbH, PT/ESC,
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Dr. Egbert Schneider
Senior Vice President
Engineering

Dr. Eckerhard Strötgen
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Robert Bosch GmbH, Power Tools Division
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09.12.2010

Noise Information

The measured values of the machine are listed in the table on page 166.

Measured values determined according to
EN 60704.

Action	Figure	Page
Switching On and Off	8	171
Connecting a power tool to the vacuum cleaner; remote automatic switching	9	172 – 174
Regulating the airflow	10	174
Blower function	11	175
Semi-automatic filter cleaning	12	176
Changing the folded filter	13	177 – 178
Cleaning the float	14	179 – 181
Selecting accessories	–	182

Troubleshooting

- ▶ **Switch the vacuum cleaner off immediately as soon as foam or water comes out, and empty the container.** Otherwise, the vacuum cleaner can become damaged.
- ▶ **The vacuum cleaner is equipped with a float. When the maximum filling height is reached, the suction capacity is reduced. Set the On/Off switch to position “0” and empty the container.**
- ▶ **If the suction force is so high that the connected power tool adheres too firmly against the working surface, regulate the airflow.**
- ▶ **When the vacuum performance decreases, activate the semi-automatic filter cleaning.**

Maintenance and Cleaning

- ▶ **For safe and proper working, always keep the vacuum cleaner and ventilation slots clean.**

A dust-technical inspection is to be carried out at least once every year by the manufacturer or an instructed person, e. g. for damage of the filter, tightness against leakage of the vacuum cleaner and function of the control/monitoring unit.

For category **L** vacuum cleaners that were in contaminated environments, the exterior as well as all machine parts should be cleaned or treated with sealants. When performing maintenance and repair work, all contaminated components

that cannot be cleaned to satisfactory must be disposed of. Such components must be disposed of in impermeable plastic bags conforming with the valid regulations for the disposal of such waste.

For maintenance on behalf of the user, the vacuum cleaner must be disassembled, cleaned and maintained as far as feasible, without causing a risk for the maintenance personnel or other persons. Prior to disassembly, the vacuum cleaner should be cleaned in order to prevent any risks. The room/enclosure in which the vacuum cleaner is disassembled should be well ventilated. Wear personal protective equipment during maintenance. After the maintenance, the maintenance area should be cleaned.

If the vacuum cleaner should fail despite the care taken in manufacturing and testing procedures, repair should be carried out by an after-sales service centre for Bosch power tools.

If the replacement of the supply cord is necessary, this has to be done by Bosch or an authorized Bosch service agent in order to avoid a safety hazard.

After-sales Service and Customer Assistance

Our after-sales service responds to your questions concerning maintenance and repair of your product as well as spare parts. Exploded views and information on spare parts can also be found under:

www.bosch-pt.com

14 | English

Our customer service representatives can answer your questions concerning possible applications and adjustment of products and accessories.

In all correspondence and spare parts orders, please always include the 10-digit article number given on the type plate of the vacuum cleaner.

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Disposal

The vacuum cleaner, accessories and packaging should be sorted for environmental-friendly recycling.

Do not dispose of the vacuum cleaner into household waste!

Only for EC countries:

According the European Guideline 2002/96/EC for Waste Electrical and Electronic Equipment and its implementation into national right, power tools that are no longer usable must be collected separately and disposed of in an environmentally correct manner.

Subject to change without notice.