

BLACK & DECKER®

Compact Electric Pressure Washer PW1400/ PW1350

Technical Data

Pressure Washer		PW1400	PW1350
Input power	W	1,400	1,400
Maximum pressure	Bar	120	120
Working Pressure	Bar	70	70
Maximum water flow	Liters/ min.	6	6
Maximum water temperature	°C	50	50
Hose Length	m	5	5
Cable Length	m	5	5
Net Weight	kg	7.8	7.8

Intended Use

Your Black & Decker compact electric pressure washer has been designed for light cleaning vehicles, machines, boats, masonry, etc., to remove stubborn dirt using clean water and biodegradable chemical detergents. This product is intended for domestic use only.

Safety Instructions

When using power tools, always observe the safety regulations applicable in your country to reduce the risk of fire, electric shock, personal injury and material damage. Read the following safety instructions before attempting to operate this product. Keep these instructions in a safe place!

The following symbols are used throughout this manual:

⚠ Denotes risk of personal injury, loss of life or damage to the tool in case of non-observance of the instructions in this manual.

⚡ Denotes risk of electric shock.

🔥 Fire hazard.

- Read and understand all instructions before using the product.
- To reduce the risk of injury, close supervision is necessary when a product is used near children.
- Know how to stop this product and bleed pressure quickly. Be thoroughly familiar with the controls.
- Stay alert - watch what you are doing.
- Do not operate this product when fatigued or under the influence of alcohol or drugs.
- Keep operating area clear of all persons.
- Do not overreach or stand on unstable support. Keep good footing and balance at all times.
- Follow the maintenance instructions specified in the manual.
- ⚠ **WARNING:** Risk of Injection or Injury. Do not direct discharge stream at persons.

General Safety Rules

⚠ **WARNING:** When using this product, basic precautions should always be followed, including the following:

- Always follow detergent manufacturer's label recommendations for proper use of detergents. Always protect eyes, skin and respiratory system from detergent if used.
- Never try to stop or deflect leaks with any body part.
- Never put hand or fingers over the spray tip while operating the unit.
- Always wear safety glasses or goggles, hearing and respiratory protection and protective clothing when operating or performing maintenance.
- Always engage the trigger safety latch in the safe position when spraying is stopped even if only for a few moments.
- Keep clear of nozzle. Never direct high-pressure spray at any person, animal or self.
- Use only with accessories rated at a minimum of 140 Bar. Do not use pressure that exceeds the operating pressure of any of the parts (hoses, fittings, etc.) in the pressurized system. Never use with any other manufacturer's accessories or components.
- Never spray flammable liquids or use pressure washer in areas containing combustible dust, liquids or vapors.
- Never operate this machine in or near an explosive environment.
- Do not spray electrical apparatus and wiring.
- Never disconnect the high-pressure discharge hose from the machine while the system is pressurized. To depressurize machine, turn power and water supply off, then press gun trigger 2-3 times.
- Never permanently engage the trigger mechanism on the gun.
- Never operate the machine without all components properly connected to the machine (handle, gun/wand assembly, nozzle, etc.).
- Always turn water supply "on" before turning pressure washer "on" unless draining for storage. Running pump dry causes serious damage.
- Do not operate the pressure washer with the inlet water filter removed. Keep filter clear of debris and sediment.
- Never operate pressure washer with broken or missing parts. Check equipment regularly and repair or replace worn or damaged parts immediately.
- Use only the nozzles, parts and accessories supplied with this machine.
- Never leave the wand unattended while the machine is running or switched on.
- Always hold gun and wand firmly when starting and operating the machine.
- Pressure washer is not meant to pump hot water. Never connect it to a hot water supply, as it will significantly reduce the life of the pump.
- Never store the pressure washer outdoors or where it could freeze. The pump will be seriously damaged.
- Discharge residual pressure by pressing the trigger until no more water comes out of the nozzle.
- ⚠ **CAUTION:** Wear appropriate hearing and respiratory protection during use.
- Under some conditions and duration of use, noise from this product may contribute to hearing loss.
- ⚠ **WARNING:** This product contains chemicals, including lead, known to some area to cause cancer, and birth defects or other reproductive harm. **Wash hands after handling.**
- ⚠ **WARNING:** Ensure that the water supply is turned on before starting the pressure washer.
- ⚠ **WARNING:** Do not operate with low water pressure.

Ground Instructions

This product must be grounded. If it should malfunction or break down, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. The plug must be plugged into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.

⚠ **DANGER:** Check with a qualified electrician or service personnel if you are in doubt as to whether the outlet is properly grounded. Do not modify the plug provided with the product - if it will not fit the outlet; have a proper outlet installed by a qualified electrician. Do not use any type of adapter with this product.

⚠ **WARNING:** To reduce the risk of electrocution, keep all connections dry and off the ground. Do not touch plug with wet hands.

Electrical Safety

The electric motor has been designed for one voltage only. Always check that the power supply corresponds to the voltage on the rating plate.

The label on your tool may include the following symbols.

V	.....	volts
A	.....	Amperes
Hz	.....	Hertz
W	.....	Watts
Min.	.....	Minutes
~	.....	Alternating current
—	.....	Direct current
No	.....	No load speed
.....	.....	Class II construction
⊕	.....	Earthing terminal
⚠	.....	Safety alert symbol
.../min	.....	Revolutions or reciprocation per minute

Features (Fig. A)

1. On/off switch
2. Water outlet
3. Water inlet
4. Water inlet adaptor
5. Gun wand
6. Safety catch of gun
7. Trigger
8. High pressure hose
9. Power supply cord and plug
10. Detergent applicator

11. Rotating wand
12. Adjustable fan wand
13. Garden hose Quick Connect Adapter (2 pcs.)
14. Faucet connector
15. Cleaning Tool
16. Accessory holder

For PW1400 only

17. Extended handle
18. Wheel base
19. Wheels
20. Wheel covers

Notes to Water Use

- The intake water temperature must NOT exceed 50°C.
- The water supply pressure must NOT exceed 10 bar.
- ⚠ **CAUTION:** The pressure washer must only be used with clean water; use of unfiltered water or corrosive chemicals will damage the pressure washer.
- The delivery of the water intake tap should be equal to that of pump capacity.
- Place the appliance as close to the water supply system as possible.
- The appliance can be connected directly to the mains drinking water supply only if the supply hose is fitted with a backflow preventer valve as per current regulations in force. Make sure that the hose is at least ø13mm and that it is reinforced.

Assembly & Adjustment

⚠ Prior to assembly and adjustment always unplug the tool.

Fitting the Accessories (Fig. B-G)

- Insert the rotating wand (11) or fan wand (12) into the gun wand (5) by pushing and rotating until the two parts are locked (fig. B).
- Connect the high pressure hose (8) to the water outlet (2) on the cleaner by first inserting the brass outlet, then snugly threading on the coupling (fig. C).
- To install your garden hose (not supplied) (21) to the quick connect adapter (13), unscrew the quick connect adapter (13b) and insert your garden hose. Refit the screw of to the main part of the adapter (13a). Follow the above steps again for the other end of the hose (fig. D).
- Tighten the water inlet adapter (4) to the water inlet (3) (fig. E).
- With the adapter (13) attached to your water hose (21), pull back on the top section and push onto the water inlet adapter (4) of the pressure washer then release (fig. E).
- Install the faucet connector (14) to the cold water source and turn water on full (fig. F).
- This product features an accessory holder (16) that you can organize all the gun wands properly. To install the accessory holder, simply snap it on the side of the tool (fig. G).

Fitting the Extended Handle and Wheels (for PW1400 only) (Fig. H-I)

- Extended Handle - Place the extended handle (17) on top of the tool and tighten the two screws provided (fig. H).
- Wheels - Place the wheel base (18) on the bottom of the tool and tighten the two screws provided. Snap the wheels (19) and wheel covers (20) in position (fig. I).

Before Use

Test Run (Fig. J)

NOTE: Before cleaning any surface, an inconspicuous area should be cleaned to test spray pattern and distance for maximum cleaning results. If painted surfaces are peeling or chipping, use extreme caution as pressure washer may remove the loose paint from the surface.

- Turn on the water supply tap fully.
- Release the safety catch (6) as shown by pressing down on the latch behind the trigger (7), and then press the trigger for a few seconds to allow air to escape and to discharge residual pressure in the hoses.

Use

Automatic delivery flow cut-off (fig. J)

This tool is equipped with automatic delivery flow cut-off:

- When the trigger (7) is released, the dynamic pressure automatically cuts out the motor.
- When the trigger is pressed the pressure drop automatically starts the motor and the pressure is restored with a very slight delay.

Turning On and Off (Fig. K)

- Turn on the pressure washer by depressing the switch (1) marked "I". The unit will run for a few seconds as it builds up pressure, and then will shut off. It will run on demand as the gun trigger is depressed.
- Turn off the pressure washer by depressing the switch marked "O".

Accessories

⚠ **CAUTION:** before changing accessories, turn unit off, pull trigger to release pressure, and activate safety catch.

Adjustable Fan Wand (Fig. B, L & M)

- Insert the fan wand (12) into the gun wand (5) by pushing and rotating until the two parts are locked (fig. B).
- To obtain maximum pressure, rotate the fan wand nozzle (22) in a clockwise direction (fig. L). This narrow stream results in deeper cleaning in a concentrated area. For a wider fan pattern rotate the fan wand nozzle in the counterclockwise direction. The wider fan pattern reduces the risk of surface damage and allows for cleaning large surface areas quickly.
- To remove, press wand into gun and twist (fig. M).

Rotating Nozzle (Fig. B & M)

- Insert the rotating nozzle (11) into the gun wand (5) by pushing and rotating until the two parts are locked (fig. B).
- There is no adjustment required with the rotating nozzle.
- To remove, press nozzle into gun and twist (fig. M).

Detergent Applicator (Fig. N)

Follow manufacturer's label directions for mixing correct concentrations of soap and detergents.

To use the applicator:

- Unscrew top of detergent applicator (10) and fill with detergent.
- Replace top.
- Insert detergent applicator (10) into gun wand (5). Twist detergent bottle until it clicks firmly into place.
- Apply detergent from the bottom to the top to prevent detergent from sliding down and streaking.
- Leave detergent on the surface for a few minutes but do not allow it to begin to dry.
- Remove detergent applicator from the gun wand by turning the detergent bottle 1/4 turn and pulling straight out.
- Rinse detergent from surface.
- Flush detergent applicator with clean water.

⚠ **NOTE: DO NOT USE:**

- Bleach, chlorine products and other corrosive chemicals.
- Liquids containing solvents (i.e., paint thinners, gasoline, oils)
- Tri-sodium phosphate products
- Ammonia products
- Acid-based products

These chemicals will harm the unit and will damage the surface being cleaned.

Surface Preparation

Before starting any cleaning task it is important to inspect the area for objects that could create a hazard. Remove objects from the area that could be tripped over such as children's toys or outdoor furniture. Insure that all doors and windows are closed tight. Also make sure that all plants and trees in the adjacent area are protected by a drop cloth ensuring that they will not be harmed by any over-spray.

General Cleaning Tips (Fig. M, O & P)

- Remove the spray wand from the gun as shown in fig. M. Remove any dirt from the spray wand nozzle hole and rinse.
- Clean the nozzle with the cleaning tool (15). Remove any dirt from the fan wand nozzle hole as shown in fig. O and rinse.
- Use a pliers (not supplied) to remove the water inlet filter (23) from the water inlet (fig. P). Remove any dirt from it and rinse.
- For cleaning tasks such as deck or brick patio cleaning, limit your work area to approximately 2.3 square meters at a time.
- Pre-rinse cleaning area with fresh water.
- Use only detergents formulated for pressure washers.
- Always test detergent in an inconspicuous area before use.
- Begin with a wide fan nozzle spray and adjust the pressure to the desired spray pattern.
- The best angle for spraying water against a cleaning surface is 45 degrees.
- Spraying head on tends to cause dirt particles to imbed in the surface. When working on vertical

surfaces, it is best to apply detergent starting at the bottom and working upwards which will prevent the detergent from sliding down and causing streaks.

Shutdown

- Depress the top half of the on/off switch marked "O" to turn it off and unplug the cord from the outlet.
- Turn off water at the faucet.
- Discharge residual pressure by pressing the trigger until no more water comes out of the adjustable nozzle.
- Engage the gun safety catch.
- Disconnect the garden hose (21) from the water inlet.
- Disconnect the high-pressure hose from the high-pressure outlet and drain hose.

Storage

- Store pressure washer indoors away from areas that might freeze.
- Do not allow high-pressure hose to become kinked.
- Turn unit on for a few seconds until all water is removed from the pump. Turn off immediately.

Maintenance

Your Black & Decker power tool has been designed to operate over a long period of time with a minimum of maintenance. Continuous satisfactory operation depends upon proper tool care and regular cleaning.

This tool is not user-serviceable. Take it to an authorized Black & Decker repair agent for service.

Tool Cleaning

⚠ Unplug the tool before you use a cloth to clean the housing.

- Use only mild soap and damp cloth to clean the tool.

⚠ **CAUTION:** Never use the pressure washer to clean itself.

Important

To ensure product SAFETY and RELIABILITY, repairs, maintenance and adjustment (other than those listed in this manual) should be performed by authorized service centers or other qualified organizations, always using identical replacement parts. Unit contains no user serviceable parts inside.

Accessories

The performance of any power tool is dependent upon the accessory used. Black & Decker accessories are engineered to high quality standards and are designed to enhance the performance of power tool. By using Black & Decker accessories will ensure that you get the very best from your Black & Decker tool.

Black & Decker offers a large selection of accessories available at our local dealer or authorized service center at extra cost.

⚠ **CAUTION:** The use of any non-recommended accessories may be hazardous.

Trouble Shooting Guide

Symptom	Cause	Solution
Motor does not start	Unit not plugged in.	Plug in power cord.
	On/Off switch is in the Off position.	Turn switch to the "On" position by depressing the bottom half of the switch (1) marked "I".
	Wand trigger not being squeezed.	Squeeze trigger with switch in "ON" position.
Unit does not reach high pressure	Water faucet not fully turned on.	Open water valve fully.
	Water inlet filter clogged.	Remove filter and rinse to clean.
	Nozzle worn.	Contact B&D Service Center.
	Pump is sucking air.	Check that hoses and fittings are airtight. Turn off machine and purge pump by squeezing trigger gun until a steady flow of water emerges from the nozzle.
	Water supply restricted.	Check water hose for kinks, leaks and blockage.
Output pressure varies high/ low.	Not enough inlet water supply.	Turn water on full force - check hose for leaks and kinks.
	Pump is sucking air.	Check that hoses and fittings are airtight. Turn off machine and purge pump by squeezing trigger gun until a steady flow of water emerges from the nozzle.
	Water inlet filter clogged.	Remove filter (23) and rinse to clean (fig. P)
	Discharge nozzle is obstructed.	Blow out or remove debris.
No detergent	Detergent container is empty.	Add more detergent.
	Detergent bottle or suction tube not properly connected.	Check connections.
	Detergent is too thick.	Use detergent recommended for use in pressure washers only.
	Filter on detergent suction tube is clogged.	Run warm water through filter to remove debris.
Garden hose connection leaks	Damaged or clogged detergent suction tube.	Remove obstruction or replace detergent suction tube.
	Discharge nozzle is obstructed.	Blow out or remove debris.
	Loose fittings.	Tighten fittings.
	Missing/worn rubber washer.	Replace washer in hose adapter.
Spray wand or extension leaks	Spray wand not properly attached.	Insert the spray wand into the wand extension. Push in and turn to lock spray wand into place.
	Broken O-ring.	Contact B&D Service Center.
Pump is excessively noisy.	Pump is sucking air.	Check that hoses and fittings are airtight. Turn off machine and purge pump by squeezing trigger gun until a steady flow of water emerges from the nozzle.
	Water leaks from pump.	Check that all fittings are tight.
Oil leak.	Water seals are damaged or worn.	Contact B&D Service Center.
	Oil seals are damaged or worn.	Contact B&D Service Center.
	Supply voltage below minimum.	Verify that only the pressure washer is running on this circuit.
	System has residual pressure.	Turn unit off, squeeze trigger on spray wand to release pressure, then turn unit on.
Motor buzzes but fails to run.	Voltage loss due to extension cord.	Do not use extension cord with this unit - plug directly into outlet.
	Cleaner not used for long period.	Contact B&D Service Center.

Protecting The Environment

♻ Should you find one day that your tool needs replacement, or if it is of no further use to you, think of the protection of the environment. Black & Decker recommends you to contact your local council for disposal information.

Service Information

Black & Decker offers a full network of company-owned and authorized service locations throughout Asia. All Black & Decker Service Centers are staffed with trained personnel to provide customers with efficient and reliable power tool service. Whether you need technical advice, repair, or genuine factory replacement parts, contact the Black & Decker location nearest to you.

Notes

- Black & Decker's policy is one of continuous improvement to our products and, as such, we reserve the right to change product specifications without prior notice.
- Standard equipment and accessories may vary by country.
- Product specifications may differ by country.
- Complete product range may not be available in all countries. Contact your local Black & Decker dealers for range availability.

PW1400
PW1350

www.BlackandDecker.com

This manual is applicable for -B1 & TW only

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