

BLACK+DECKER®

SEMI-AUTOMATIC ESPRESSO MAKER

use and care manual



EM0312-OSD

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Prevent Injuries! – Carefully Read All Instructions Before Use!

IMPORTANT SAFEGUARDS.

When using electrical appliances, basic safety precautions should be followed, including the following:

1. Read all instructions before using.
2. To protect yourself from fire, electric shock, and injury to persons, never immerse the appliance or the power cord in water or other liquids.
3. Do not use appliance for other than intended use.
4. Avoid contact with moving parts.
5. Do not touch hot surfaces. Use handles or knobs.
6. Do not operate any appliance if it has a damaged cord or plug, if it is not working properly, or if it has been damaged or dropped. Return the appliance to an authorized service facility for examination, repair, or adjustment.
7. The use of attachments not recommended or sold by the manufacturer may cause fire, injury, or electric shock.
8. Do not use outdoors.
9. Do not let the power cord hang over the edge of the table or counter or touch hot surfaces, including the stove.
10. Clean the product and all other accessories after each use.
11.  Do not immerse in any liquid.
12. The coffee-maker shall not be placed in a cabinet during use.
13.  The surfaces of the appliance will get hot. Residual heat will keep the surfaces hot after use.
14. The surface of the heating element is subject to residual heat after use.
15. Use the appliance according to these instructions. Any misuse may cause potential injury, electric shock or other hazards.
16. This appliance is not intended for use by children or by people with reduced physical, sensory, or mental capabilities or lack of experience and knowledge. Close supervision is necessary when any appliance is used near children. Children should be supervised to ensure that they do not play with the appliance.
17. Do not place on or near a hot gas or electric burner, or in a heated oven.
18. Unplug from outlet when not in use and before cleaning. Allow to cool before putting on or taking off parts, and before cleaning the appliance.
19. To disconnect, turn any control to “OFF”, then remove plug from wall outlet.

SAVE THESE INSTRUCTIONS.

This product is for household use only.

Safety Features

POLARIZED PLUG (120V models only)

This appliance has a polarized plug (one blade is wider than the other). To reduce the risk of electric shock, this plug is intended to fit into a polarized outlet only one way. If the plug does not fit fully into the outlet, reverse the plug. If it still does not fit, contact a qualified electrician. Do not attempt to modify the plug in any way.

TAMPER-RESISTANT SCREW

Warning: This appliance is equipped with a tamper-resistant screw to prevent removal of the outer cover. To reduce the risk of fire or electric shock, do not attempt to remove the outer cover. There are no user-serviceable parts inside. Repair should be done only by authorized service personnel.

ELECTRICAL CORD

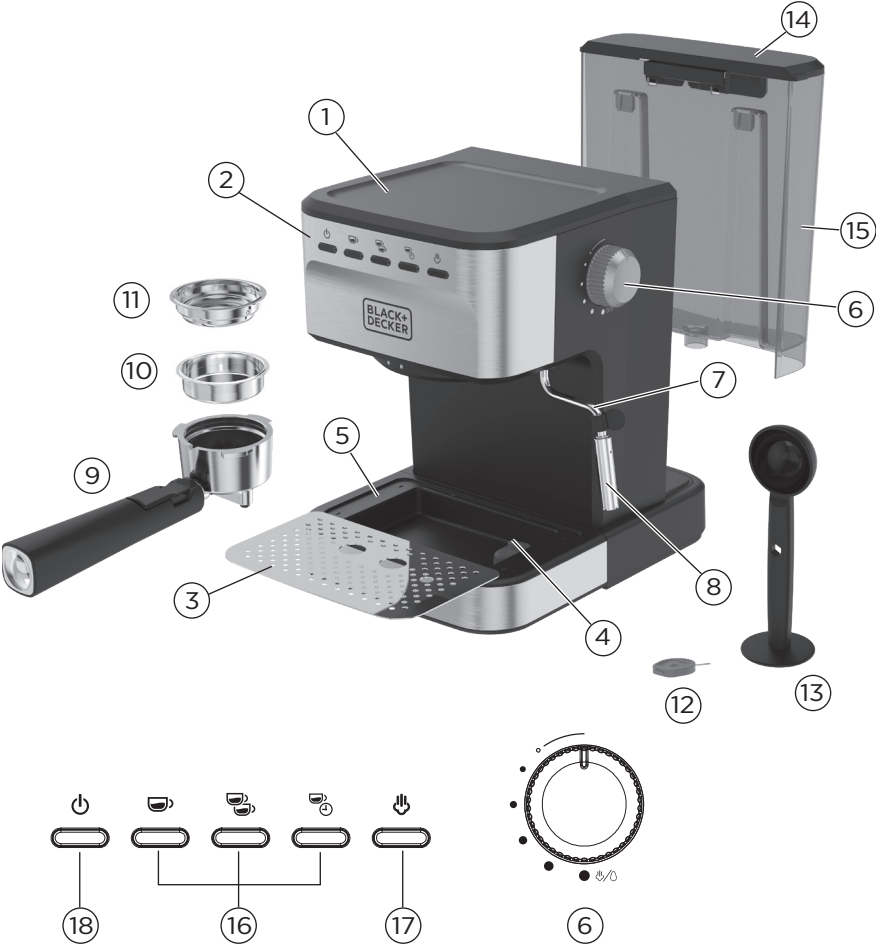
1. A short power-supply cord is provided to reduce the risk resulting from becoming entangled in or tripping over a longer cord.
2. Extension cords may be used if care is exercised in their use.
3. If a long detachable extension cord is used:
 - a) The marked electrical rating of the power cord or extension cord should be at least as great as the electrical rating of the appliance.
 - b) If the appliance is of the grounded type, the extension cord should be a grounding-type 3-wire cord.
 - c) The cord should be arranged so that it will not drape over the countertop or tabletop where it can be pulled on by children or tripped over.

Note: This appliance has important markings on the plug blade. The attachment plug or entire cord set (if plug is molded onto cord) is not suitable for replacement.

If damaged, the appliance shall be replaced.

For Latin America: If the power cord is damaged, it must be replaced by qualified personnel or by an authorized service center.

PARTS & ACCESSORIES



- | | |
|---------------------------------------|------------------------------------|
| 1. Cup warming plate | 10. 2 shot sieve |
| 2. Control panel | 11. 1 shot sieve |
| 3. Drip tray cover | 12. Cleaning tool |
| 4. Drip tray full indicator | 13. Measuring spoon/Tamper |
| 5. Removable drip tray | 14. Water tank lid |
| 6. Steam/hot water control knob | 15. Removable water tank |
| 7. Steam wand | 16. Serving size selection buttons |
| 8. Removable panarello (steam nozzle) | 17. Steam button |
| 9. Portafilter | 18. Power button |

INSTRUCTIONS FOR USE

Before First Use

1. Unpack all listed contents from the packaging.
2. Read all material, warning stickers, and labels.
3. To register your product, go to www.prodprotect.com/blackanddecker.
4. Remove all packing materials, stickers, and labels from the appliance. Remove any clear or blue protective film on the components before use. Remove red tab on bottom of water tank.
5. Wash the portafilter, sieves and the measuring spoon/tamper in warm soapy water. Rinse and dry.
6. Before using for the first time, or if the appliance has not been used for a long time, run a priming cycle that cleans and resets the unit:
 - Place the empty portafilter on the unit and press the double-shot button 3 times (or until water runs from the portafilter).
 - Open the steam/hot water knob to run the hot water function. The hot water function will automatically end after 90 seconds.
 - Close the water/steam knob. The unit is now ready to brew.
7. Clean the steam system by following the instructions under CARE AND MAINTENANCE.

Auto Shutoff

After 25 minutes of inactivity, your espresso maker will shut off. To turn it back on, press .

Filling

1. Remove the water tank by lifting it upwards (Fig A).
2. Fill the water tank with cold, filtered water to the **MAX** marking.
NOTE: Use filtered water. Filtered water will limit impurities and excessive minerals that can detrimentally impact coffee flavor and machine performance.
3. Refit the water tank (Fig. B). Ensure it is correctly fitted and fully seated.



Fig A



Fig B

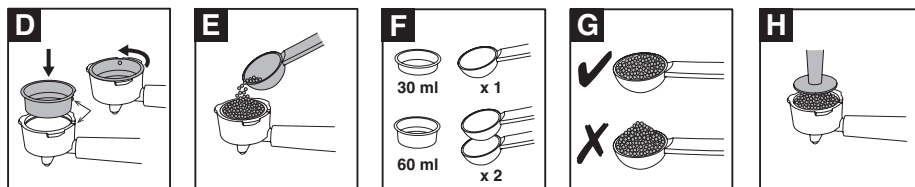
Making Espresso

Espresso can be enjoyed on its own or used for many popular espresso based variations such as Lattes, Cappuccinos, Americanos, etc. Your espresso maker can make a single shot (approx. 30ml/1 oz), or a double shot (60ml/2 oz) of espresso. Your espresso maker can make drinks automatically or under manual control.



Note: For best results use an espresso mug.

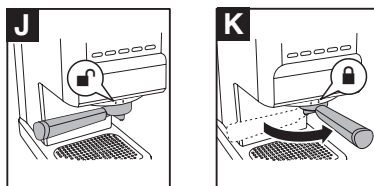
Filling the portafilter

1. Decide whether you are making a single shot or double shot.
2. For a single shot, fit the 1 shot (smaller) sieve into the portafilter; for a double shot, use the 2 shot (larger) sieve. For E.S.E.-compatible pods, use the 1 shot sieve. When inserting the sieves, make sure they are aligned with the key slot on the portafilter (Fig. D). To remove, reverse the process.
3. Use the measuring spoon to fill the sieve (Fig. E). For a single shot, use 1 measure and for a double shot, use 2 measures (Fig. F). The coffee in the measure should be level and not heaped (Fig. G).
4. Lightly tamp (compress) the coffee into the portafilter using the provided tamper (Fig. H) until it is level to ensure even water distribution. The portafilter is designed to automatically create the correct brewing pressure, so only light tamping is needed. Over tamping can lead to bitter espresso and/or low brew volumes.






Fitting the portafilter

1. Make sure the rim of the portafilter is free from any coffee debris. Fit it into the machine with the handle facing to the left so that it is aligned with the  mark (Fig. J).
2. Push the portafilter upwards then turn it to the right until it stops (Fig. K). To remove the portafilter, turn it to the left until the handle lines up with the .



Automatic One and Two Shot Mode




Your Espresso maker can make one or two shots with the press of a single button. You can make a single shot into one cup, a double shot into one cup or a double shot shared between two cups by placing two cups side by side under the outlet and preparing the portafilter with the 2 shot sieve.

1. Fill the water tank, then add the required amount of coffee to the portafilter and fit it.
2. Press the  button to switch your Espresso maker on.
3. All function button lights will pulse during heating.
4. Place one or two cups onto the drip tray.
5. For one shot, press the  button; for two shots press the  button.
6. The selected function button light will pulse.
7. Once the brew cycle is finished, the unit will return to the default interface.

NOTE: If pre-heat is needed, all function buttons will return to pulsing.

Manual Mode

This mode allows you to control the amount of coffee your Espresso maker dispenses.

1. Fill the water tank, then add the required amount of coffee to the portafilter and fit it.
2. Place one or two cups onto the drip tray.
3. Press the  button once to start brewing. The  button light will pulse during use.
4. Press the  button again to stop brewing.


NOTE: The maximum run time in manual mode is 60 seconds.

Steam/Hot Water Functions

The steam/hot water functions can be used to heat milk, froth milk and heat drinks that have cooled. Steaming and hot water functions will always be manually controlled.

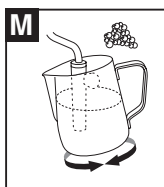
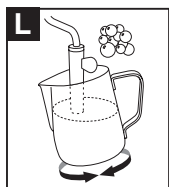
IMPORTANT: The appliance requires a short cooling period after the steaming or frothing function is completed and will not be able to brew immediately. Use the hot water function as described in “tips” section below to speed up the cooling process.

Steaming milk


1. Press the steam button .
2. The steam indicator light will pulse during heat-up and turn solid when ready.
3. Fill a small jug with milk.
4. Hold the jug under the steam nozzle with the nozzle beneath the surface of the milk.
5. Turn the steam/hot water control knob counterclockwise. The further counterclockwise you turn the control knob, the more steam is produced.
6. When the milk is heated to your satisfaction, turn the steam/hot water control knob clockwise to the off (O) position.
7. Immediately clean the steam nozzle. Refer to the Care and Maintenance section for cleaning instructions.

Frothing milk

1. Follow steps 1 and 2 under ‘Steaming milk’. Use cold milk from the refrigerator for best results.
2. Hold the jug under the nozzle as above and open the steam/hot water control knob as desired.
3. To make frothy milk with large bubbles, hold the nozzle just under the surface of the milk and make circular motions with the jug as steam is released (Fig. L).
4. To make frothy milk with small bubbles (micro foam), hold the nozzle fully under the surface of the milk and make circular motions with the jug as steam is released (Fig. M).
5. Turn the steam/hot water control knob clockwise to the off (O) position when you are finished.
6. Immediately clean the steam nozzle. Refer to the Care and Maintenance section for cleaning instructions.



Dispensing hot water

1. Make sure machine has been pre-heated.
2. Hold a suitable container under the steam nozzle.
3. Turn the steam/hot water control knob fully counterclockwise to the  position.
4. Hot water will come out of the steam nozzle for up to 90 seconds.
5. Turn the steam/hot water control knob clockwise to the off (○) position when you are finished.

Heating drinks

1. Follow the directions under 'Steaming milk' but holding the cooled drink under the steam nozzle instead of the milk.

Cleaning the steam nozzle after each use

1. Clean the steam nozzle and the swivel arm immediately after every use.
2. Immerse the steam nozzle in a cup of clean water.
3. Turn the steam/hot water control knob counterclockwise. Let steam escape into the clear water for several seconds.
4. Repeat the process several times if necessary.
5. Finally, carefully remove the steam nozzle and wipe it and the swivel arm with a clean damp cloth before replacing it.

Tips

- Place your espresso cups on top of the unit where they will be gently warmed.
- To get a hotter espresso, warm the portafilter before use. Fit the sieve into the portafilter, fit the portafilter and run the brewing process for 5-10 seconds to heat the filter up. Then, remove the portafilter and use it as normal to make espresso. Be aware when handling the portafilter and sieve that they will be hot after doing this.
- After using the steam function, the temperature of the unit can become high and this will prevent further brewing until the machine has cooled a little. You can use the hot water function to cool the machine more quickly. The machine will release steam at first; when water begins to dispense, the unit will be cooled to brewing temperature again.

Preset Volume Adjustment

1. Press and hold on/off and steam buttons together for 5 seconds to enter volume adjustment mode. Auto function buttons will blink to indicate setting mode is activated.
2. Press and hold auto button to begin brewing. Release when desired brew volume is achieved. New time will be saved as default.
3. Press and hold Steam function for 5 seconds to return to factory defaults.
4. Press and hold on/off and steam buttons together for 5 seconds to exit adjustment mode.

NOTE: Maximum time for 1-shot is 30 seconds and maximum time for 2-shot is 50 seconds.

CARE & MAINTENANCE

Cleaning

1. Unplug the appliance and let it completely cool down.
 2. Clean the exterior surfaces and the steam nozzle with a slightly damp cloth and then dry them thoroughly. Make sure that no water enters the product interior. The steam nozzle tip can be removed by pulling it downwards and it can then be washed separately.
 3. The portafilter handle includes a flip-up lever that holds the sieve in place while emptying, which prevents it from falling into the sink/garbage. Remove the portafilter and sieve and empty out the coffee grounds. Wash under running water and dry thoroughly.
 4. Wipe the area on the machine where the portafilter fits.
 5. Empty the drip tray when you have finished using the machine, or when the drip tray full indicator pops up.
- Use the cleaning tool to unblock the openings in the portafilter.
 - The steam nozzle, sieves, drip tray and drip tray cover can be cleaned in a dishwasher.

Descaling

After 500 uses, all indicators will flash three times whenever the unit is turned on to indicate that cleaning is recommended.

Over time, calcium deposits or “scale” may build up in your brewer. Scale is non-toxic, but if left unattended, can hinder brewer performance and cause premature failure. Regularly descaling your machine helps to maintain beverage quality, as well as the lifespan of the heating element, and other internal parts that come in contact with water throughout the brew process.

A full cleaning with vinegar is recommended once a month. More frequent cleanings may be required in areas with higher water hardness. If using a proprietary descaling product, follow the manufacturer’s instructions.

1. Pour fresh water and the specified amount of decalcifier into the water tank. Use a 50/50 mix when using a vinegar solution.
2. Repeatedly start the brewing process and also use the ‘hot water’ process to clean the steam nozzle and internal components.
3. Do this until the water tank is empty. If necessary, repeat this process.
4. After descaling, rinse the product several times by brewing water with no coffee to remove any decalcifier residue.
5. To clear the clean warning: Hold 1-shot and Manual brew buttons together for 3 seconds.

TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	SOLUTION
No espresso is made.	Water tank empty.	Fill the water tank.
	Portafilter or sieve is blocked.	Remove and clean.
	Machine needs descaling.	Descalc the machine.
	Grind is too fine or coarse.	Grind the coffee to the correct consistency.
	Too much tamping pressure was used.	Empty sieve and re-add coffee using less tamping pressure.
Espresso leaks from around the portafilter.	The portafilter is not fitted correctly.	Remove and refit the portafilter. Make sure it is turned fully to the right until it won't turn any further.
Portafilter can't be fitted.	Too much coffee in the sieve.	Use the supplied measuring spoon/tamper as directed.
	Debris around the portafilter fitting.	Clean the area where the portafilter fits.
Coffee tastes weak.	Not enough coffee in the sieve.	Use the supplied measuring spoon/tamper as directed.
	Grind is too fine or coarse.	Grind the coffee to the correct consistency.
	Coffee too loose in sieve.	Tamp the coffee down with more pressure.
Excessive water in portafilter after brew.	Not enough coffee in the sieve.	Use the supplied measuring spoon/tamper as directed.
	Grind is too fine or coarse.	Grind the coffee to the correct consistency.
	Coffee too loose in sieve.	Tamp the coffee down with more pressure.
Excessive noise and vibration.	Unit left without water and dried out.	Run a prime cycle. With no coffee, press double shot and run machine.
	Unit was run with water below minimum.	
	First use of the unit.	

All lights will flash on and off every 1/2 second to indicate an error in the following circumstances:

CAUSE	SOLUTION
The steam/hot water control knob is in the open position during brewing.	Close the control knob.
Steaming longer than 180 seconds.	Close control knob to reset
Hot water dispensed for longer than 90 seconds.	Close control knob to reset.
The steam/hot water control knob is in the open position when the unit is switched on.	The unit will not brew. Close the control knob.
Attempting to brew coffee before the unit has reached the correct temperature.	Allow the unit to pre-heat fully. Use hot water function to cool machine if returning to brewing after steaming.
Attempting to create steam before the unit has reached the correct temperature.	Allow the unit to reach the correct temperature.
Attempting to dispense hot water before the unit has reached the correct temperature.	Allow the unit to reach the correct temperature.
Attempting to set default brew time longer than 30 seconds for 1-shot or 50 seconds for 2-shot.	Ensure brew time selection is below these thresholds and try brewing again.

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WARRANTY AND CUSTOMER SERVICE INFORMATION

Two-Year Limited Warranty

(Applies only in the United States and Canada)

For service, repair or any questions regarding your appliance, call the appropriate 800 number listed within this section. Please **DO NOT** return the product to the place of purchase. Also, please **DO NOT** mail product back to manufacturer, nor bring it to a service center. You may also want to consult the website listed on the cover of the manual.

What does it cover?

- Any defect in material or workmanship provided; however, Empower Brands, LLC liability will not exceed the purchase price of product.

For how long?

- Two years from the date of original purchase with proof of purchase.

What will we do to help you?

- Provide you with a reasonably similar replacement product that is either new or factory refurbished.

How do you get service?

- Save your receipt as proof of date of sale.
- Visit the online service website at **www.prodprotect.com/blackanddecker**, or call toll-free **1-800-465-6070**, for general warranty or service questions.
- If you need parts or accessories, please call **1-800-738-0245**.

How does state law relate to this warranty?

This warranty gives you specific legal rights. You may also have other rights that vary from state to state or province to province.

What does your warranty not cover?

- Damage from commercial use
- Damage from misuse, abuse or neglect
- Products that have been modified in any way
- Products used or serviced outside the country of purchase
- Glass parts and other accessory items that are packed with the unit
- Shipping and handling costs associated with the replacement of the unit
- Consequential or incidental damages (Please note, however, that some states do not allow the exclusion or limitation of consequential or incidental damages, so this limitation may not apply to you.)

Are there additional warranty exclusions?

This warranty shall not be valid where it is contrary to U.S. and other applicable laws, or where the warranty would be prohibited under any economic sanctions, export control laws, embargos, or other restrictive trade measures enforced by the United States or other applicable jurisdictions. This includes, without limitation, any warranty claims implicating parties from, or otherwise located in, Cuba, Iran, North Korea, Syria and the disputed Crimea region.

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EM0312-OSD

1100 W 120 V ~ 60 Hz

Please do not throw this product away with normal household waste. If possible, take it to an official collection point in your area that recycles this type of product. Thank you for considering the environment.

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