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› Tefal FV6870 Smart Protect Plus Steam Iron User Manual

Tefal FV6870

Tefal FV6870 Smart Protect Plus Steam Iron User Manual

Model: FV6870

Brand: Tefal

1. INTRODUCTION AND OVERVIEW

Thank you for choosing the Tefal FV6870 Smart Protect Plus Steam Iron. This advanced steam iron is designed to provide effortless and safe ironing results on all types of ironable fabrics, from delicate silks to robust denim, thanks to its innovative Smart Temp technology. Its powerful steam output and superior gliding soleplate ensure efficient wrinkle removal and garment protection.

This manual provides essential information for the safe and effective use, maintenance, and troubleshooting of your new iron. Please read it thoroughly before first use and keep it for future reference.



Figure 1.1: The Tefal FV6870 Smart Protect Plus Steam Iron, showcasing its sleek design and ergonomic handle.

2. IMPORTANT SAFETY INSTRUCTIONS

To ensure safe operation and prevent damage to your appliance or injury, please observe the following safety precautions:

- Always plug the iron into a grounded electrical outlet.
- Do not leave the iron unattended while it is plugged in or while it is on an ironing board.
- Unplug the iron from the electrical outlet immediately after use and before cleaning or filling with water.
- Keep the iron and its cord out of reach of children and pets when it is switched on or cooling down.
- Never immerse the iron, cord, or plug in water or any other liquid.
- Do not operate the iron if it has been dropped, if there are visible signs of damage, or if it is leaking. Contact authorized service personnel.
- Use the iron only for its intended purpose, which is ironing clothes.
- Place the iron on a stable, heat-resistant surface when not in use.
- The soleplate and steam are extremely hot during operation. Avoid direct contact with skin.



Figure 2.1: The iron should always be placed upright on a stable surface when not in active use to prevent accidental burns.

3. PRODUCT FEATURES

The Tefal FV6870 Smart Protect Plus Steam Iron is equipped with several advanced features for an optimal ironing experience:

- **Smart Temp Technology:** Automatically provides the perfect combination of ironing temperature and steam

output for absolute garment protection and worry-free ironing on all ironable fabrics. No manual temperature adjustment is needed.

- **Powerful Steam Output:** Features a continuous steam output of up to 40 g/min and a powerful steam boost of up to 260 g/minute to tackle stubborn creases and heavy fabrics.
- **Durilium AirGlide Soleplate:** Ensures exceptional glide for effortless ironing. It is highly scratch-resistant and designed for long-lasting performance, with 100% active steam holes for maximum steam distribution.
- **Eco Mode:** Reduces energy consumption by up to 20% compared to maximum steam output, contributing to energy savings.
- **Precision Tip:** Designed to reach difficult areas like collars, seams, and around buttons with ease.
- **Vertical Steam Function:** Ideal for delicate fabrics, suits, curtains, or hanging garments, allowing for quick touch-ups without an ironing board.
- **Anti-Drip System:** Prevents water stains on your garments, even when ironing at low temperatures.
- **Smart Automatic Shut-off:** For enhanced safety, the iron automatically turns off if left unattended for a period of time (e.g., 8 minutes when left vertically, 30 seconds when left horizontally or on its side).



Figure 3.1: The Durilium AirGlide soleplate with active steam holes for optimal steam distribution and smooth gliding.

4. SETUP

Before using your iron for the first time, please follow these steps:

1. **Unpack the Iron:** Carefully remove the iron from its packaging. Remove any labels or protective films from the soleplate.
2. **First Use Preparation:** It is normal for a slight odor or small amount of smoke to be produced during the first few uses. This will disappear quickly.
3. **Filling the Water Tank:**
 - Ensure the iron is unplugged.
 - Hold the iron in a vertical position.
 - Open the water filling inlet cover.
 - Fill the water tank with clean tap water up to the 'MAX' level indicator. Do not overfill.
 - Close the water filling inlet cover securely.

Note: While tap water is generally suitable, if your water is very hard, it is recommended to mix 50% tap water with 50% distilled water to prolong the life of your iron. Do not use 100% distilled water, scented water, or water from tumble dryers, as these can damage the iron.



Figure 4.1: Side view of the iron, indicating the water tank and filling port.

5. OPERATING INSTRUCTIONS

Your Tefal FV6870 Smart Protect Plus Steam Iron is designed for ease of use with its Smart Temp technology.

1. **Power On:** Plug the iron into a suitable electrical outlet. The indicator light will illuminate, indicating the iron is heating up.

2. **Smart Temp Technology:** The iron automatically adjusts the soleplate temperature and steam output to suit all ironable fabrics. You do not need to manually select a temperature setting.
3. **Steam Ironing:**
 - Once the indicator light turns off (or indicates readiness), the iron is ready for use.
 - Move the steam control to the desired steam position (e.g., 'Steam' or 'Max').
 - Iron your garments as usual. The continuous steam will help smooth out wrinkles.
4. **Steam Boost (Shot of Steam):** For stubborn creases, press the steam boost button (usually located on the top handle). A powerful burst of steam will be released. Wait a few seconds between each shot to allow the steam chamber to refill.
5. **Vertical Steaming:**
 - Hang the garment on a hanger.
 - Hold the iron vertically, a few centimeters away from the fabric.
 - Press the steam boost button repeatedly while moving the iron up and down the garment.
6. **Dry Ironing:** If you wish to iron without steam, ensure the water tank is empty or set the steam control to the 'Dry' position.
7. **Spray Function:** Press the spray button (if available) to lightly moisten the fabric for easier ironing.
8. **Automatic Shut-off:** The iron will automatically turn off if left motionless for a period of time. To restart, simply move the iron.



Figure 5.1: Demonstrating the effective steam output during ironing.



Figure 5.2: The vertical steam function is convenient for refreshing hanging garments.

6. MAINTENANCE AND CLEANING

Regular maintenance ensures the longevity and optimal performance of your iron.

1. After Each Use:

- Unplug the iron and allow it to cool down completely.
- Empty any remaining water from the tank.

2. Cleaning the Soleplate:

- Once the soleplate is cool, wipe it with a damp cloth or a non-abrasive sponge.
- For stubborn marks, use a specialized soleplate cleaning stick (available separately) following its instructions.
- Do not use abrasive scouring pads, metal objects, or harsh chemical cleaners, as these can damage the Durilium AirGlide coating.

3. Cleaning the Iron Body: Wipe the plastic parts of the iron with a soft, damp cloth.

4. Descaling (Anti-Calc System): While the iron has an anti-drip system, regular descaling is important, especially in hard water areas. Refer to the full product manual for specific descaling instructions, if an integrated anti-calc system is present. Generally, this involves flushing the steam chamber with water.

5. Storage: Store the cooled iron in an upright position to prevent soleplate damage. Ensure the cord is neatly wrapped.

7. TROUBLESHOOTING

If you encounter issues with your iron, refer to the table below for common problems and solutions:

Problem	Possible Cause	Solution
Iron does not heat up.	Not plugged in; power outage; automatic shut-off activated.	Check power connection; check circuit breaker; move the iron to reactivate.
No steam or insufficient steam.	Water tank empty; steam control set to 'Dry'; iron not hot enough.	Fill water tank; set steam control to 'Steam'; wait for the iron to reach operating temperature.
Water leaking from soleplate.	Ironing at too low a temperature; water tank overfilled; anti-drip system not functioning correctly.	Allow iron to heat up fully; do not overfill; if problem persists, contact support.
White flakes coming from soleplate.	Mineral deposits from hard water.	Perform descaling procedure (refer to full manual for details). Use a mix of tap and distilled water.
Soleplate is dirty or sticky.	Residue from fabrics or starch.	Clean the soleplate as described in the Maintenance section.

If the problem persists after trying these solutions, please contact Tefal customer support.

8. SPECIFICATIONS

Feature	Specification
Model Number	FV6870
Power	2800 Watts
Voltage	240 Volts
Continuous Steam Output	Up to 40 g/min
Steam Boost	Up to 260 g/min
Soleplate Type	Durilium AirGlide
Product Dimensions (L x W x H)	31 x 13.5 x 0.1 cm
Item Weight	1.3 Kilograms
Special Features	Smart automatic shut-off, Anti-drip, Eco Mode, Vertical Steam
Country of Origin	France

9. WARRANTY AND SUPPORT

Tefal is committed to providing high-quality products. Your Tefal FV6870 Smart Protect Plus Steam Iron is designed for durability and performance.

This product benefits from a **15-year repairability commitment at a fair price**, indicating Tefal's dedication to product longevity and sustainability. This means that spare parts and technical support for repairs will be available for 15 years from the date of purchase.

For warranty claims, technical assistance, or to find an authorized service center, please visit the official Tefal website or contact their customer support directly. Please retain your proof of purchase for any warranty-related inquiries.

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