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> Samsung DV80T5220TT/S3 Heat Pump Dryer User Manual

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Model: DV80T5220TT/S3

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1. PRODUCT OVERVIEW

The Samsung DV80T5220TT/S3 is an 8 kg capacity heat pump dryer designed for efficient and gentle drying of your laundry. It features advanced technologies such as AI Control, OptimalDry, and Anti-Wrinkle Protection to simplify your laundry routine and protect your garments. This manual provides essential information for the safe and effective use of your appliance.

SAMSUNG

Galaxy Z Fold6 | Z Flip6

Galaxy AI ✨ ha llegado



Image: The Samsung DV80T5220TT/S3 Heat Pump Dryer, highlighting its A+++ energy efficiency and 8 kg drying capacity. The image also shows the product dimensions and key features like AI Control and Optimal Dry Sensor.

2. SETUP AND INSTALLATION

Proper installation is crucial for the performance and safety of your dryer. Ensure the dryer is placed on a firm,

level surface in a well-ventilated area. Maintain adequate clearance around the appliance for air circulation.

2.1 Unpacking

- Carefully remove all packaging materials.
- Inspect the dryer for any damage incurred during transit.
- Remove any protective films or tapes from the appliance.

2.2 Placement and Leveling

- Place the dryer in a location with sufficient space, away from direct sunlight or heat sources.
- Use a spirit level to ensure the dryer is perfectly level. Adjust the leveling feet as needed.

2.3 Connecting the Drain Hose

The dryer collects condensed water in a removable tank. For continuous drainage, you can connect the supplied drain hose to a suitable drain point. Refer to the detailed instructions in the full user manual for specific steps.



Image: A diagram illustrating the product dimensions of the Samsung DV80T5220TT/S3 dryer, which are approximately 60 cm (width) x 85 cm (height) x 60 cm (depth).

3. OPERATING INSTRUCTIONS

Your Samsung dryer is designed for intuitive operation with intelligent features to optimize drying performance.

3.1 Powering On and Program Selection

- Press the Power button to turn on the dryer.
- Rotate the program selector to choose the desired drying cycle. The AI Control feature learns your habits and suggests frequently used programs. There are 23 customizable programs available.
- Adjust additional settings such as drying level or temperature if necessary.
- Press the Start/Pause button to begin the cycle.



Image: A close-up of the dryer's control panel display, showing the AI Control feature suggesting various drying programs such as 'Outdoor', 'Wool', 'Sanitizing Steam', 'Shirts', 'Bedding', 'Rinse', and 'Sportswear'. This illustrates the 23 customizable programs.

3.2 OptimalDry Sensor Technology

The OptimalDry system uses three sensors to automatically adjust drying time and temperature: humidity, temperature, and heat exchanger cleaning sensors. This ensures efficient drying while protecting your clothes from over-drying.

3.3 Auto Cycle Link

If paired with a compatible Samsung washing machine, the Auto Cycle Link feature allows the dryer to automatically set the ideal drying cycle based on the recently completed wash cycle.



Image: A visual representation of the Smart Link feature, demonstrating how a washing machine can communicate with the dryer to suggest the optimal drying cycle based on the completed wash.

3.4 Anti-Wrinkle Protection

To minimize wrinkles, the drum will periodically tumble the clothes after the drying cycle has finished, without heat, until the door is opened or the function is manually stopped.

3.5 SmartThings App Connectivity

Connect your dryer to the Samsung SmartThings app for remote control, monitoring, and receiving notifications on your smartphone.

4. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your dryer.

4.1 Cleaning the 2-in-1 Filter

The dryer features a convenient 2-in-1 filter that collects lint. Clean this filter after every load to maintain drying efficiency and prevent lint buildup. The dryer will remind you to clean it before each use.



Image: A detailed view of the 2-in-1 filter, showing its two layers designed to capture lint effectively. Regular cleaning of this filter is essential for maintaining drying performance.

4.2 Emptying the Water Tank

If you are not using the drain hose, the condensed water will collect in the water tank. Empty the water tank after each drying cycle. The dryer will indicate when the tank is full.

4.3 Cleaning the Heat Exchanger

Periodically clean the heat exchanger located at the bottom left of the dryer. Open the cover and use the provided brush to remove any lint or debris. This helps maintain energy efficiency.

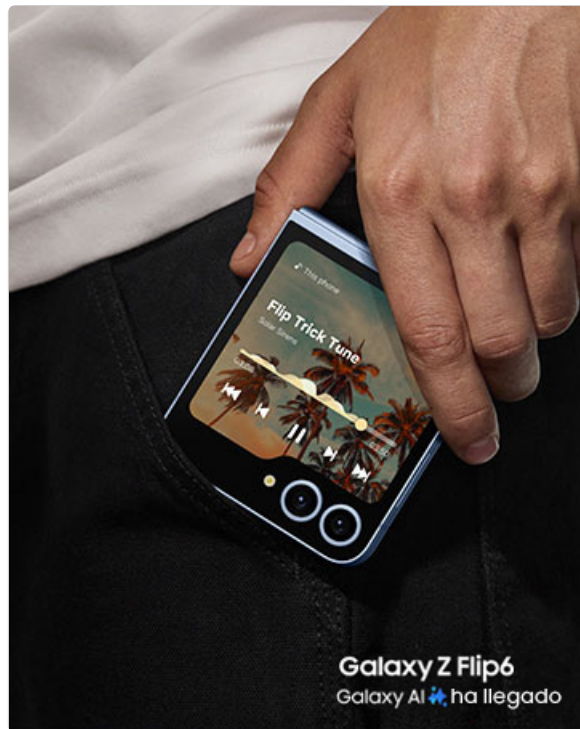


Image: A diagram highlighting the locations of the heat exchanger cleaning sensor, humidity sensor, and temperature sensor, which are part of the Optimal Dry system. These components should be kept clean for accurate operation.

5. TROUBLESHOOTING

Before contacting service, refer to this section for common issues and their solutions.

5.1 Dryer Not Starting

- Ensure the power cord is securely plugged into a working outlet.
- Check if the door is fully closed.
- Verify that a drying program has been selected and the Start/Pause button has been pressed.

5.2 Clothes Not Drying Properly

- Clean the lint filter. A clogged filter reduces airflow.
- Ensure the water tank is not full (if not using a drain hose).
- Check if the selected program is appropriate for the type and amount of laundry.
- Avoid overloading the dryer.

5.3 Unusual Noises

- Ensure the dryer is level.
- Check for foreign objects in the drum or filter area.

6. PRODUCT SPECIFICATIONS

Feature	Specification
Brand	Samsung
Model Number	DV80T5220TT/S3

Feature	Specification
Drying Capacity	8 Kilograms
Type	Heat Pump Dryer
Dimensions (W x D x H)	60 x 60 x 85 cm
Weight	50 Kilograms
Color	White
Energy Class	A+++
Motor Type	Digital Inverter Motor
Access Location	Front Loader



Image: A diagram explaining the heat pump technology, showing how it efficiently reuses hot air to save energy and reduce drying time, contributing to the A+++ energy rating.

7. WARRANTY INFORMATION

Samsung provides a comprehensive warranty for your dryer. Notably, the Digital Inverter Motor is guaranteed for 20 years, reflecting its durability and reliability. For full details on warranty terms and conditions, please refer to the warranty card included with your product or visit the official Samsung website.



Image: A badge prominently displaying '20 Years Warranty on Digital Inverter Motor', emphasizing the long-term reliability of

this key component.

8. CUSTOMER SUPPORT

If you encounter any issues that cannot be resolved using the troubleshooting guide, or if you require further assistance, please contact Samsung customer support. Have your model number (DV80T5220TT/S3) and serial number ready when you call.

- Visit the official Samsung website for support resources, FAQs, and contact information.
- Refer to the contact details provided in your product documentation.