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› [De'Longhi Steam Tap Instruction Manual for Icona EC300, ECO310, EC311, ECOV310 Coffee Machines](#)

## De'Longhi EC300, ECO310, EC311, ECOV310

# De'Longhi Steam Tap Instruction Manual

For Icona EC300, ECO310, EC311, ECOV310 Series Coffee Machines

## 1. INTRODUCTION

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This instruction manual provides essential information for the safe and effective use of your new De'Longhi Steam Tap. This genuine replacement part is designed for specific De'Longhi Icona series espresso machines, including models EC300, ECO310, EC311, and ECOV310. Please read this manual thoroughly before installation and operation, and retain it for future reference.

## 2. SAFETY INSTRUCTIONS

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- **Electrical Safety:** Always unplug the coffee machine from the power outlet before attempting any installation, cleaning, or maintenance.
- **Hot Surfaces and Steam:** The steam tap and surrounding areas become extremely hot during operation. Avoid direct contact with skin to prevent burns. Use caution when releasing steam.
- **Installation:** Ensure the steam tap is securely installed according to the instructions to prevent leaks or dislodgement during use. If unsure, consult a qualified technician.
- **Children and Pets:** Keep the coffee machine and its components out of reach of children and pets.
- **Original Parts:** Use only genuine De'Longhi replacement parts to ensure compatibility and maintain product safety and performance.

## 3. PRODUCT OVERVIEW

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The De'Longhi Steam Tap is a crucial component for frothing milk and dispensing hot water on compatible espresso machines. It consists of a nozzle for steam/hot water output and a control knob for activation.



**Figure 1:** De'Longhi Steam Tap. This image shows the replacement steam tap, typically made of stainless steel, designed for frothing milk on De'Longhi Icona series espresso machines. It features the main body and the nozzle for steam delivery.

## 4. SETUP AND INSTALLATION

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This section outlines the general steps for replacing or installing the steam tap. Specific procedures may vary slightly depending on your exact machine model. Always refer to your coffee machine's main manual for detailed disassembly/assembly instructions.

1. **Power Off:** Ensure the coffee machine is turned off and unplugged from the electrical outlet. Allow the machine to cool down completely if it has been recently used.
2. **Access:** Depending on your model, you may need to remove certain panels or components to access the existing steam tap assembly.
3. **Remove Old Tap:** Carefully disconnect any hoses or fittings attached to the old steam tap. Unscrew or unclip the old tap from its mounting point. Be mindful of any gaskets or seals.
4. **Install New Tap:** Position the new De'Longhi Steam Tap into place. Ensure all gaskets and seals are correctly seated to prevent leaks. Secure the tap by screwing or clipping it into its mounting point.
5. **Reconnect:** Reattach any hoses or fittings to the new steam tap. Ensure all connections are tight and secure.

6. **Reassemble:** Reassemble any panels or components that were removed.
7. **Test for Leaks:** Plug in the machine, fill the water tank, and turn it on. Before heating, briefly open the steam tap to check for any immediate leaks. Once heated, carefully activate the steam function to check for leaks under pressure.

## 5. OPERATING THE STEAM TAP

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The steam tap is primarily used for frothing milk for cappuccinos and lattes, and for dispensing hot water.

### 5.1. Frothing Milk

1. **Prepare Machine:** Ensure the coffee machine is heated to the correct temperature for steam production (usually indicated by a light).
2. **Prepare Milk:** Fill a stainless steel milk jug with cold milk (dairy or non-dairy) to about one-third full.
3. **Purge Steam Wand:** Position the milk jug under the steam tap. Briefly open the steam knob to release any condensed water from the wand. Close the knob immediately.
4. **Froth Milk:** Immerse the tip of the steam tap just below the surface of the milk. Open the steam knob fully. Listen for a gentle "hissing" sound, indicating air is being incorporated. Lower the jug slightly as the milk volume increases, keeping the tip near the surface.
5. **Heat Milk:** Once the desired foam consistency is achieved, immerse the steam tap deeper into the milk to heat it without adding more air. Continue until the jug is too hot to touch comfortably (around 60-65°C / 140-150°F).
6. **Close Steam:** Close the steam knob completely before removing the milk jug.
7. **Clean Wand:** Immediately wipe the steam tap with a damp cloth to remove any milk residue. Briefly open the steam knob again to clear any milk from inside the nozzle.

### 5.2. Dispensing Hot Water

To dispense hot water, ensure the machine is heated. Place a cup under the steam tap and slowly open the steam knob. Hot water will flow from the nozzle. Close the knob when the desired amount is reached.

## 6. MAINTENANCE AND CLEANING

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Regular cleaning and maintenance ensure optimal performance and longevity of your steam tap.

- **After Each Use:** Immediately wipe the exterior of the steam tap with a clean, damp cloth to remove milk residue. Purge the steam wand by briefly opening the steam knob to clear any internal blockages.
- **Daily Cleaning:** If your steam tap has a removable nozzle, detach it and rinse thoroughly under warm water. Use a small brush or needle to clear any dried milk from the nozzle holes.
- **Weekly Cleaning:** For a deeper clean, soak the removable nozzle in a solution of warm water and a mild detergent or a specialized milk frother cleaner. Rinse thoroughly before reattaching.
- **Descaling:** Follow your coffee machine's descaling instructions regularly. Descaling helps prevent mineral buildup that can affect steam performance.

## 7. TROUBLESHOOTING

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| Problem | Possible Cause | Solution |
|---------|----------------|----------|
|---------|----------------|----------|

| Problem                        | Possible Cause   | Solution   |
|--------------------------------|--|--|
| No steam or weak steam output. | <ul style="list-style-type: none"> <li>◦ Steam tap clogged with dried milk.</li> <li>◦ Machine not at correct steam temperature.</li> <li>◦ Mineral buildup (scale) in the boiler/steam system.</li> </ul> | <ul style="list-style-type: none"> <li>◦ Clean the steam tap and nozzle thoroughly (see Section 6).</li> <li>◦ Wait for the machine to reach operating temperature.</li> <li>◦ Descale the coffee machine according to its main manual.</li> </ul> |
| Water dripping from steam tap. | <ul style="list-style-type: none"> <li>◦ Loose connection or worn gasket.</li> <li>◦ Steam valve not fully closed.</li> </ul>  | <ul style="list-style-type: none"> <li>◦ Check all connections for tightness. Inspect and replace gaskets if worn.</li> <li>◦ Ensure the steam knob is fully closed.</li> </ul>  |
| Steam tap difficult to turn.   | <ul style="list-style-type: none"> <li>◦ Mineral buildup or residue around the valve mechanism.</li> </ul>   | <ul style="list-style-type: none"> <li>◦ Descale the machine. If the issue persists, the internal valve mechanism may require professional servicing or replacement.</li> </ul>  |

## 8. SPECIFICATIONS

- **Brand:** De'Longhi
- **Product Type:** Steam Tap (Replacement Part)
- **Compatible Models:** De'Longhi Icona EC300, ECO310, EC311, ECOV310 series espresso machines
- **Material:** Stainless Steel
- **Dimensions (L x W x H):** Approximately 7.6 x 1.8 x 8.9 cm (3 x 0.7 x 3.5 inches)
- **Weight:** Approximately 20 grams (0.7 ounces)
- **Power Rating (Machine):** 1350 Watts (Note: This is the power rating of compatible machines, not the tap itself)

## 9. WARRANTY AND SUPPORT

This De'Longhi genuine replacement part is subject to the standard warranty terms provided by De'Longhi for spare parts. Please refer to the warranty information included with your original coffee machine or visit the official De'Longhi website for details on warranty coverage and terms.

For technical support, troubleshooting assistance beyond this manual, or to inquire about other genuine De'Longhi spare parts, please contact De'Longhi customer service or an authorized service center in your region. Contact information can typically be found on the official De'Longhi website or in your original product documentation.

