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Danfoss 014G2440

Danfoss Ally Starter Pack Thermostat Instruction Manual

Model: 014G2440 | Brand: Danfoss

INTRODUCTION

The Danfoss Ally Starter Pack provides a smart heating solution for your home. It includes the Ally smart home gateway and a connected electronic thermostatic radiator valve. This system is designed to simplify temperature regulation, offering potential energy savings. With the intuitive Ally app, you can control your heating from anywhere. The system is certified Zigbee 3.0, ensuring broad compatibility with other smart home devices. The Ally Gateway supports connection for up to 32 thermostatic heads.

PACKAGE CONTENTS

Ensure all components are present before beginning installation.

- Danfoss Ally Gateway
- Danfoss Ally Connected Thermostatic Radiator Valve
- User Manual (this document)



Image: The Danfoss Ally Starter Pack, showing the Ally Gateway, the Ally Thermostatic Radiator Valve, and a smartphone with the Ally app interface.

SETUP

Follow these steps for initial setup and installation of your Danfoss Ally Starter Pack.

- 1. Install the Ally Gateway:** Connect the Ally Gateway to your home network and power supply. Refer to the separate Gateway installation guide for detailed instructions.
- 2. Download the Danfoss Ally App:** Download and install the Danfoss Ally app on your smartphone from your device's app store.
- 3. Create an Account and Pair the Gateway:** Open the app and follow the on-screen instructions to create an account and pair your Ally Gateway with the app.
- 4. Install the Ally Thermostatic Radiator Valve:**
 - Remove your existing thermostatic radiator valve. The Danfoss Ally valve is designed for quick and simple installation on most radiator valve bodies (95% compatibility).
 - Insert the batteries into the Ally valve.
 - Mount the Ally valve onto the radiator valve body. Ensure it is securely fastened. Adapters may be required for certain valve types (M28 adapter not included).
- 5. Pair the Ally Thermostatic Radiator Valve:** Follow the instructions in the Danfoss Ally app to pair the newly installed thermostatic valve with your Ally Gateway. This typically involves activating pairing mode on the valve and searching for it in the app.
- 6. Configure Settings:** Use the Ally app to set up heating schedules, desired temperatures, and integrate with voice assistants like Amazon Alexa or Google Assistant if desired.



Image: The Danfoss Ally Thermostatic Radiator Valve installed on a radiator, demonstrating its compact design.



Image: Front view of the Danfoss Ally Thermostatic Radiator Valve, showing its digital display and logos indicating compatibility with Amazon Alexa and Google Assistant.

OPERATING INSTRUCTIONS

Control your home's heating efficiently using the Danfoss Ally system.

- **App Control:** Use the Danfoss Ally smartphone application to remotely control your thermostatic radiator valves from anywhere. You can adjust temperatures, set schedules for presence and absence, and monitor your heating system.
- **Manual Adjustment:** The external ring on the Ally thermostatic valve can be rotated to manually set the desired temperature. The valve's screen will display the set temperature.
- **Voice Control:** Integrate your Danfoss Ally system with Amazon Alexa or Google Assistant for convenient voice-activated temperature control.
- **Precise Temperature Regulation:** The electronic thermostat provides exceptional precision, ensuring that the room temperature closely matches your set point.
- **Holiday Mode:** Utilize the app to program holiday periods, allowing you to save energy while away and return to a comfortably heated home.



Image: The Danfoss Ally Thermostatic Radiator Valve positioned beside a smartphone showing the intuitive Ally application interface for heating control.

MAINTENANCE

The Danfoss Ally system is designed for low maintenance. Consider the following:

- **Battery Replacement:** The thermostatic radiator valve is battery-powered. Replace batteries when indicated by the device or app to ensure continuous operation. The system uses alkaline batteries.
- **Anti-Gripping Function:** The Ally electronic radiator valve includes an automatic anti-gripping function. This feature periodically exercises the valve mechanism to prevent it from seizing up, ensuring long-term reliability.
- **Cleaning:** Wipe the devices with a soft, dry cloth. Do not use abrasive cleaners or solvents.

TROUBLESHOOTING

If you encounter issues with your Danfoss Ally Starter Pack, refer to these common solutions:

- **Device Not Pairing:**

- Ensure the Ally Gateway is powered on and connected to your network.
- Check that the Ally thermostatic valve has fresh batteries.
- Verify that both devices are within Zigbee range of each other or the Gateway.
- Attempt the pairing process multiple times if the first attempt fails.

- **Incorrect Temperature Readings:**

- Ensure the thermostatic valve is not obstructed by curtains or furniture, which can affect temperature sensing.
- Calibrate the temperature sensor via the Danfoss Ally app if an offset is consistently observed.

- **No Response from Voice Assistant:**

- Confirm that your Danfoss Ally account is correctly linked to your Amazon Alexa or Google Assistant account.
- Check your internet connection and the status of your voice assistant device.

- **General Connectivity Issues:**

- Restart your Ally Gateway and your home router.
- Ensure your Ally app is updated to the latest version.

For further assistance, please contact Danfoss customer support.

SPECIFICATIONS

Manufacturer	Danfoss
Model Number	014G2440
Product Dimensions (L x W x H)	11.9 x 12 x 11.9 cm
Weight	476 Grams
Color	White
Power Type	Battery Powered (Thermostatic Valve)
Voltage	240 Volts (Gateway)
Display Type	LCD or LED
Special Features	Amazon Alexa, Google Assistant compatibility
Connectivity Technology	Wi-Fi, Zigbee 3.0
Components Included	Ally Gateway, Ally Connected Thermostatic Radiator Valve
Batteries Required	Yes (Alkaline)
Country of Origin	Denmark

WARRANTY AND SUPPORT

For information regarding warranty coverage, please refer to the documentation provided with your purchase or visit the official Danfoss website. Spare parts availability information is not provided in this manual.

For technical support, product inquiries, or assistance with troubleshooting, please contact Danfoss customer service through their official channels. Contact details can typically be found on the Danfoss website or in your product packaging.