

## Dometic B59196.XX1J0

# Dometic Brisk Air B59196.XX1J0 15,000 BTU Upper Unit Heat Pump User Manual

Model: B59196.XX1J0

## INTRODUCTION

This manual provides instructions for the installation, operation, and maintenance of your Dometic Brisk Air B59196.XX1J0 15,000 BTU Upper Unit Heat Pump. This unit is designed to provide both cooling and heating for recreational vehicles (RVs) and requires a ducted system and a compatible wall thermostat.

## IMPORTANT SAFETY INSTRUCTIONS

- Read all instructions carefully before installation and operation.
- Installation must be performed by a qualified technician in accordance with all local and national electrical and safety codes.
- Disconnect power before servicing or cleaning the unit.
- Ensure proper ventilation during operation.
- Do not operate the unit with damaged components.
- Keep children and pets away from the unit during operation.

## WHAT'S IN THE BOX

- Dometic B59196.XX1J0 Brisk Air 15,000 BTU Upper Unit Heat Pump (Black, Ducted)
- *Note: Wall Thermostat and Control Kit are required separately as per product features.*

## PRODUCT OVERVIEW

The Dometic Brisk Air B59196.XX1J0 is a 15,000 BTU upper unit designed for ducted RV air conditioning and heating systems. It functions as both an air conditioner and a heat pump, providing climate control for your RV.



This image displays the Dometic Brisk Air B59196.XX1J0 15,000 BTU Upper Unit Heat Pump, a black, rectangular unit with ventilation grilles on the side, designed for rooftop installation on recreational vehicles. The Dometic logo is visible on the front.

## SETUP AND INSTALLATION

---

This unit is an upper unit designed for ducted systems. Proper installation requires a compatible CT wall thermostat and a control kit, which are sold separately.

1. **Pre-Installation Check:** Verify that your RV's rooftop opening and wiring are compatible with the Dometic Brisk Air II upper unit. Ensure the roof structure can support the unit's weight (approximately 84.8 pounds).
2. **Mounting:** Carefully lift and position the upper unit over the roof opening. Secure it according to the detailed instructions provided in the separate installation guide (not included in this user manual).
3. **Electrical Connection:** Connect the unit to the RV's 120-volt AC electrical system. This step requires professional expertise to ensure correct wiring and grounding.
4. **Thermostat and Control Kit:** Install the required CT wall thermostat and control kit, following their respective instruction manuals. These components are essential for the unit's operation.
5. **Ductwork Connection:** Ensure all ducted connections within the RV are properly sealed to maximize efficiency.

***Note:** It is highly recommended to consult a qualified RV technician for installation to ensure safety and proper functionality. Refer to the manufacturer's full installation manual for detailed, step-by-step instructions.*

## OPERATING YOUR DOMETIC BRISK AIR UNIT

---

The Dometic Brisk Air unit is controlled via a compatible wall thermostat (not included).

1. **Power On:** Ensure the RV's main power supply is active and the circuit breaker for the AC unit is engaged.
2. **Thermostat Control:** Use the wall thermostat to select the desired mode (Cool, Heat Pump, Fan) and temperature setting.
3. **Cooling Mode:** Set the thermostat to "Cool" and adjust the temperature to your desired level. The unit will activate the compressor and fan to cool the RV interior.
4. **Heat Pump Mode:** Set the thermostat to "Heat Pump" and adjust the temperature. The unit will reverse its cycle to provide heating.
5. **Fan Mode:** Select "Fan" mode to circulate air without heating or cooling. Fan speed can typically be adjusted (High, Medium, Low) via the thermostat.
6. **Shut Down:** Turn off the unit via the thermostat or by disengaging the circuit breaker when not in use for extended periods.

Refer to your specific wall thermostat's manual for detailed operating instructions and advanced features.

## MAINTENANCE GUIDELINES

Regular maintenance ensures optimal performance and longevity of your Dometic Brisk Air unit.

- **Filter Cleaning:** Regularly inspect and clean or replace the air filters located in the return air grille (typically part of the indoor assembly, not the rooftop unit). Dirty filters restrict airflow and reduce efficiency.
- **Exterior Cleaning:** Keep the exterior of the upper unit clean from debris, leaves, and dirt. Use a soft brush and mild detergent if necessary, rinsing thoroughly.
- **Coil Inspection:** Periodically inspect the condenser and evaporator coils for dirt buildup. If heavily soiled, professional cleaning may be required.
- **Drain Pan:** Ensure the condensate drain pan and drain lines are clear of obstructions to prevent water backup.
- **Seasonal Checks:** Before and after each travel season, perform a thorough check of all components, including electrical connections and mounting hardware.

For any complex maintenance or repairs, contact a certified Dometic service technician.

## TROUBLESHOOTING COMMON ISSUES

This section addresses common operational issues. For more complex problems, consult a qualified technician.

| Problem                      | Possible Cause   | Solution   |
|------------------------------|--|--|
| Unit does not turn on        | No power, tripped breaker, faulty thermostat   | Check RV power, reset breaker, verify thermostat settings.   |
| Insufficient cooling/heating | Dirty air filter, blocked vents, low refrigerant (cooling), incorrect thermostat setting | Clean/replace filter, ensure vents are open, check thermostat setting. Contact service for refrigerant issues. |
| Unusual noise                | Loose components, debris in fan, motor issue   | Inspect for loose parts or debris. If noise persists, contact a technician.                                    |
| Water leakage                | Clogged drain line, improper installation  | Clear drain line. If installation related, contact installer.  |

## TECHNICAL SPECIFICATIONS

**Model:** B59196.XX1J0

**Brand:** Dometic

**Cooling Capacity:** 15,000 BTU (1.25 Tons)

**Function:** Air Conditioner, Heat Pump

**System Type:** Ducted Upper Unit

**Voltage:** 120 Volts

**Refrigerant:** R 410A

**Color:** Black

**Item Weight:** Approximately 84.8 pounds

**Package Dimensions:** Approximately 30.5 x 29 x 15 inches

**Required Accessories (Sold Separately):** CT Wall Thermostat, Control Kit

## WARRANTY AND CUSTOMER SUPPORT

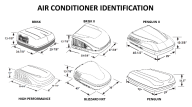
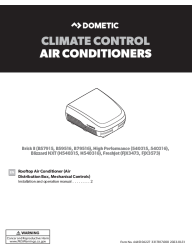
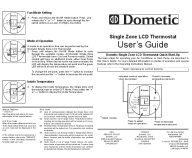
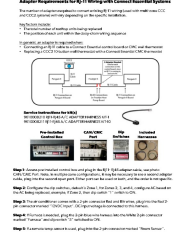
For warranty information, please refer to the documentation provided with your purchase or visit the official Dometic website.


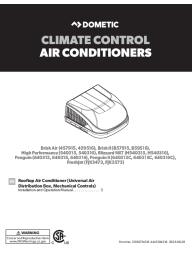
For technical assistance or to locate a service center, contact Dometic customer support.

**Online Resources:** [www.dometic.com](http://www.dometic.com)

© 2024 Dometic. All rights reserved.

## Related Documents - B59196.XX1J0

|   |   |
|---|---|
|  | <p><a href="#">Dometic Air Conditioner Model Identification and Selection Guide</a></p> <p>A comprehensive guide to identifying and selecting Dometic air conditioner models, including Brisk, Penguin, and Blizzard series, along with their various control options and part numbers.</p>   |
|  | <p><a href="#">Dometic Climate Control Air Conditioners Installation and Operation Manual</a></p> <p>This manual provides installation and operation instructions for Dometic Climate Control Air Conditioners, including models Brisk II, High Performance, Blizzard NXT, and FreshJet. It covers safety precautions, component identification, installation procedures, wiring diagrams, operation, troubleshooting, and maintenance.</p>   |
|  | <p><a href="#">Dometic Single Zone LCD Thermostat User Guide and Quick Start</a></p> <p>User's guide and quick start instructions for the Dometic Single Zone LCD Thermostat, covering fan mode settings, modes of operation, displaying inside temperature, and troubleshooting error codes.</p>   |
|  | <p><a href="#">Dometic RJ11-RJ45 Adapter Harness Installation for Connect Essential Systems</a></p> <p>Detailed installation guide for Dometic's RJ11-RJ45 A/C Adapter Harness (kits 9610008210, 9610008211). This adapter facilitates the connection of RV air conditioners, such as Dometic Penguin II and FreshJet 5, to Connect Essential Systems, supporting multi-zone CCC and CCC2 configurations. Includes requirements, component descriptions, and step-by-step instructions.</p> |

|   |  |
|---|--|
|  <p>The flowchart titled 'Dometic Thermostat' provides a systematic approach to diagnosing thermostat issues. It begins with a 'Check Power' step, leading to 'Check Fuses' and 'Check Breakers'. If power is confirmed, it moves to 'Check Settings', then 'Check Thermostat Operation', and finally 'Check Outdoor Unit'. A legend indicates that red boxes represent 'Check Power', yellow boxes represent 'Check Settings', and green boxes represent 'Check Thermostat Operation'. The flowchart is supported by logos for 'Dometic' and 'GANDER'.</p> | <p><a href="#">Dometic Thermostat Troubleshooting Guide</a></p> <p>A troubleshooting guide for Dometic thermostats, covering common issues and solutions for RVs. Includes steps for checking power, settings, and when to contact support.</p>  |
|  <p>The manual cover for 'DOMETIC CLIMATE CONTROL AIR CONDITIONERS' features a photograph of a rooftop air conditioner unit. Below the image, it lists the models covered: 'Brisk Air, Penguin, and FreshJet'. The cover also includes a small diagram of the unit and a note about the manual being a 'Dometic Air Conditioning System Air Conditioning System'. Logos for 'Dometic' and 'GANDER' are visible at the bottom.</p>  | <p><a href="#">Dometic Rooftop Air Conditioner Installation and Operation Manual</a></p> <p>Comprehensive guide for installing and operating Dometic's range of rooftop climate control air conditioners, including models like Brisk Air, Penguin, and FreshJet. Covers specifications, wiring, maintenance, and troubleshooting.</p> |