

PBCM-AS-002

Generic PBCM-AS-002 NaviLink Lite WiFi Control System User Manual

1. INTRODUCTION

The Generic PBCM-AS-002 NaviLink Lite WiFi Control System is an accessory designed to provide remote control and monitoring capabilities for compatible Navien heating systems. This system allows users to manage their heating unit via a smartphone or tablet application, offering convenience and enhanced operational oversight. It facilitates adjustments to water temperatures, access to usage data, and reception of diagnostic notifications.

2. PACKAGE CONTENTS

Verify that all components are present in the package:

- NaviLink Lite WiFi Control Module
- Ethernet Cable
- Mounting Hardware (screws and anchors)
- Magnetic Strips (for alternative mounting)



Image Description: The image displays the NaviLink Lite WiFi Control System unit, an Ethernet cable, mounting screws with anchors, and two magnetic strips. These are the standard components included with the system.

3. SETUP AND INSTALLATION

The NaviLink Lite system is designed for straightforward installation, connecting directly to your Navien heating unit without requiring an external power supply. It is compatible with a range of Navien models, including:

- NPE-2/NPN Series Water Heaters
- NCB-H/NFC-H Series Combi Boilers
- NHB/NFB-H Series Boilers

Installation Steps:

1. **Power Off:** Ensure the Navien heating system is completely powered off before beginning installation.
2. **Locate Connection Port:** Refer to your specific Navien heating system's manual to identify the designated NaviLink connection port. This is typically an RJ45 Ethernet-style port.
3. **Connect NaviLink Lite:** Plug the provided Ethernet cable into the NaviLink Lite module and then into the designated port on your Navien unit.
4. **Mount the Module:** Secure the NaviLink Lite module in a suitable location near the heating unit using the provided mounting hardware or magnetic strips. Ensure it is in an area with good WiFi signal strength.
5. **Power On:** Restore power to your Navien heating system.
6. **App Configuration:** Download the official Navien NaviLink Lite application from your device's app store. Follow the in-app instructions to connect the module to your home WiFi network and register your heating system.

For detailed visual guides, consult the manufacturer's official installation videos or documentation specific to your Navien heating system model.

4. OPERATING INSTRUCTIONS

Once installed and configured, the NaviLink Lite system allows you to control and monitor your Navien heating system through the dedicated smartphone or tablet application. Key functionalities include:

- **Temperature Adjustment:** Remotely set and modify the desired water temperature for your system.
- **System Monitoring:** View real-time operational data, including current temperatures, flow rates, and energy usage.
- **Diagnostic Notifications:** Receive alerts and notifications regarding system status, potential issues, or error codes directly on your mobile device.
- **On-Demand Pump Activation:** Control the activation of on-demand recirculation pumps (if applicable to your system).
- **Scheduling:** Set schedules for recirculation or specific operational modes to optimize comfort and efficiency.
- **Power Control:** Remotely turn the heating system on or off.

Refer to the NaviLink Lite application's help section for comprehensive details on all available features and their usage.

5. MAINTENANCE

The NaviLink Lite WiFi Control System itself requires minimal maintenance. Ensure the module is kept clean and free from dust. The primary maintenance benefit of the NaviLink Lite is its ability to facilitate proactive maintenance of your Navien heating system by providing:

- **Real-time Monitoring:** Continuous oversight of system performance can help identify potential issues early.
- **Diagnostic Alerts:** Notifications about system errors or unusual operation allow for timely intervention, potentially preventing more significant problems.

- **Usage Data:** Analyzing usage patterns can help optimize system settings for efficiency and longevity.

Regularly check the NaviLink Lite app for any system alerts or recommendations for your Navien heating unit.

6. TROUBLESHOOTING

If you encounter issues with your NaviLink Lite WiFi Control System, consider the following troubleshooting steps:

- **No Connection to App:**
 - Verify your home WiFi network is active and the signal strength at the NaviLink Lite module's location is adequate.
 - Ensure the NaviLink Lite module is securely connected to the Navien heating unit.
 - Restart your home router and the Navien heating system (by cycling its power).
 - Confirm the NaviLink Lite app on your smartphone/tablet is updated to the latest version.
- **Incorrect Readings/Controls Not Responding:**
 - Ensure the Navien heating system itself is functioning correctly.
 - Check for any error codes displayed on the Navien unit or within the NaviLink Lite app's diagnostic section.
 - Restart the NaviLink Lite module by temporarily disconnecting and reconnecting its power (via the Navien unit's power cycle).
- **App Issues:**
 - Clear the app's cache or reinstall the application on your mobile device.
 - Ensure your mobile device's operating system is up to date.

For persistent issues, consult the Navien customer support or a qualified HVAC technician.

7. SPECIFICATIONS

Feature	Detail
Model Number	PBCM-AS-002
Manufacturer	Navien
Compatibility	Navien NPE-2/NPN Series Water Heaters, NCB-H/NFC-H Series Combi Boilers, NHB/NFB-H Series Boilers
Connectivity	WiFi
Power Supply	5 Volts (DC), powered by heating unit
Item Weight	8.8 ounces (0.25 Kilograms)
Package Dimensions	5.35 x 4.61 x 2.72 inches
Display Type	LCD or LED (referring to the heating unit's display)

8. WARRANTY AND SUPPORT

For information regarding the warranty of the Generic PBCM-AS-002 NaviLink Lite WiFi Control System, please refer to the documentation provided with your purchase or contact the seller or manufacturer directly. Support resources, including detailed FAQs and contact information, are typically available on the official Navien website or through the NaviLink Lite application.