

DSE401A(B)71

DAIKIN

VRV



The *HERO* Cloud Service and *HERO* Simple Edge

The Daikin *HERO* Simple Edge provides a connection of a Daikin VRV* system to the *HERO* Cloud Services network for remote monitoring. The *HERO* Simple Edge is mounted onto the outdoor unit, and the built-in SIM card provides wireless connectivity.

Daikin *HERO* Cloud Services is a remote monitoring service for Daikin VRV* systems. When integrated, data visualization of connected indoor and outdoor unit data and animated piping diagrams displaying operation status is provided. Daikin *HERO* Cloud Services also includes failure prediction for the compressors and sensors and refrigerant leak detection in the VRV system. In addition, *HERO* Cloud Services can help optimize the equipment operation based on outdoor ambient temperatures.

Elevate control through remote monitoring:

- » **Time and cost-saving opportunities** – Helps reduce unnecessary truck rolls and expand awareness of potential system issues.
- » **An owner-oriented design with a customizable dashboard** – Provides a quick overview of all connected sites and VRV systems.

HERO Cloud Services is based upon a recurring licensing fee to access site information. Licenses can be purchased in 1-year, 3-year, or 5-year increments, with no additional cost for the first-year access after the device is activated.

* Compatible with select Daikin VRV models.
Please visit daikinac.com to learn more.

VISUALIZE SYSTEM OPERATION

- » Indoor and outdoor unit operational data
- » Energy consumption and system errors

REMOTE MONITORING

- » Single or Multi-site
- » Eliminate unnecessary truck rolls and access system details 24/7

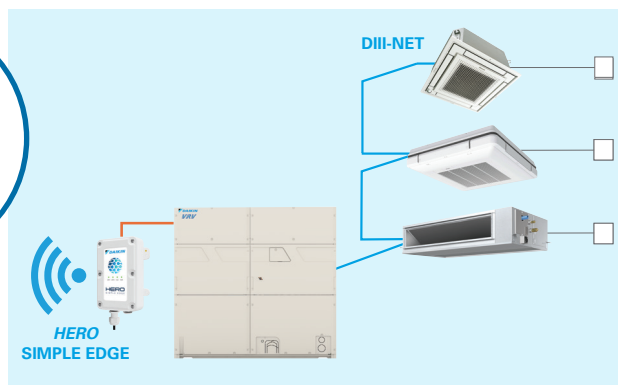
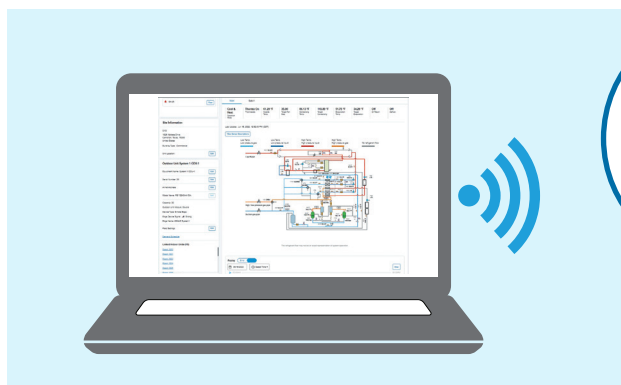
HERO
CLOUD SERVICES

FAILURE PREDICTION

- » Compressor
- » Sensors

INNOVATIONS

- » Refrigerant leakage prediction logic
- » Energy tuning optimizes ODU operation based upon ambient temperature





Features and Benefits:

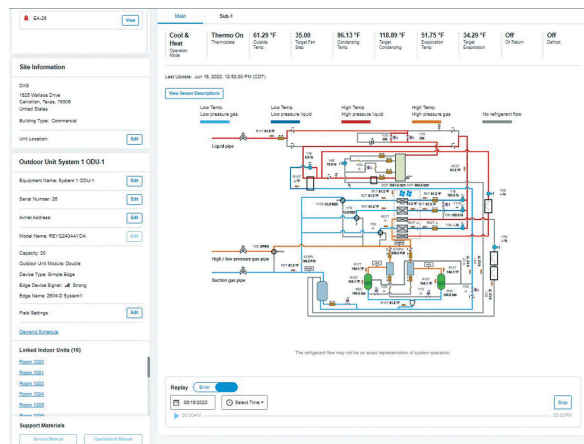
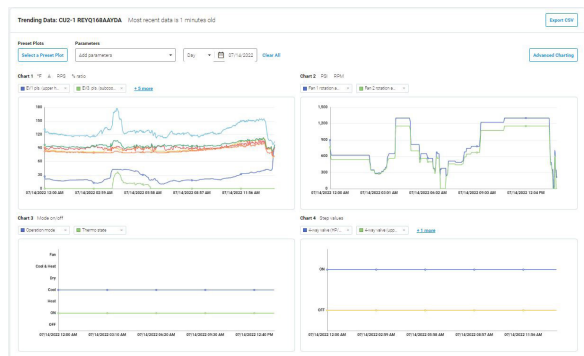
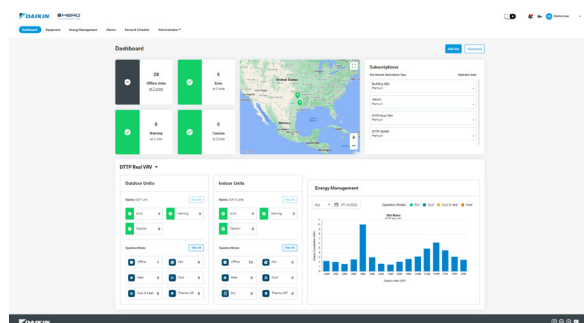
- » Mounts to the outdoor unit using powerful Neodymium magnets.
- » Powered by the outdoor unit and does not require separate power or panel build.
- » The built-in cellular connectivity¹ provides a simple connection to the cloud without burdening the building network and without the addition of expensive network gateways.
- » Connects directly to the Daikin VRV* outdoor unit system without needing additional adaptors or centralized controllers.
- » Simple device commissioning using a QR code.

System Capacity:

- » A maximum of the one (1) Daikin VRV outdoor unit system and its connected indoor units (up to 64 units for Daikin VRV EMERION and 59 units for Daikin VRV-IV) can be connected to the Simple Edge device.
 - » Multiple Simple Edge devices can be connected on a site.
 - » A single user account can monitor multiple sites.
- 1 HERO Simple Edge uses cellphone communication. HERO Simple Edge cannot establish communication outside the service area, and it is possible that communication cannot be established even if installed within the service area but where cellphone signals are hard to reach, such as underground or on a high-rise building, etc.

Additional Features:

- » Remote monitoring for Daikin VRV* outdoor and indoor unit operation data.
- » Intuitive, customizable dashboard provides the quick status of connected units and sites.
- » Animated piping diagram based on system mode of operation.
- » Download or view historical data (up to 5 years) with built-in plotting capabilities.
- » Alarm dashboard with automatic email notifications when an alarm occurs.
- » The Alarm details page provides in-depth information regarding an alarm with a detailed description of the alarm, possible causes, tech tips, and a comment section.
- » Energy management dashboard to view energy consumption for the outdoor units (only for Daikin VRV EMERION units).
- » User management with customizable access for the user.
- » Monitor multiple outdoor units across multiple sites with a single login.



Part Number	Description
DSE401A71	Daikin HERO Simple Edge for use with Daikin VRV EMERION outdoor units (USA only).
DSE401B71	Daikin HERO Simple Edge for use with Daikin VRV EMERION outdoor units and Daikin VRV-IV (Canada only).
9S12177	VRV-IV / IV-X / IV-W / Daikin AURORA harness for use with the DSE401A71.

* Compatible with select Daikin VRV models. Please visit daikinac.com to learn more.

To learn more, visit: www.daikinhero.com or daikinac.com



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PF-SIMPLEEDGE_11-23