

Project Name:		Approval:	
Location:		Date:	
Engineer:		Construction:	
Submitted to:		Unit #:	
Submitted by:		Drawing #:	
Reference:			

MODEL COMPATIBILITY:

Compatible with VRV Emerion, VRV-IV, VRV-IV TA, VRV-IV-XA, VRV-IV-XB, VRV-W-T, VRV-IV-AURORA.

SPECIFICATIONS:

PRODUCT IMAGE:

HERO Simple Edge	
Model	DSE401A71 / DSE401B71
Description	HERO Simple Edge Cloud Communication Adaptor
Maximum Connections	<ul style="list-style-type: none"> • 64 Indoor Units / 1 Outdoor Units (Emerion) • 59 Indoor units / 1 Outdoor units (VRV-IV)
Communication to Outdoor unit	Proprietary
Communication to Cloud (DSE401A71 for Continental United States, Alaska, Hawaii)	LTE-CAT-M1 (Verizon)
Communication to Cloud (DSE401B71 for Canada)	LTE-CAT-M1 (Rogers, Bell, TELUS)
Power	16VDC supplied by Outdoor Unit, less than 3W
Operating Temp Range	-22 to 125 °F (-30~52°C)
Storage Temp range	-22 to 158 °F (-30~70°C)
Operating Humidity Range	Less than 95% RH (Non-condensing)
Storage Temp range	Less than 95% RH (Non-condensing)
Installation Elevation	Less than 6500ft (2000m)
Dimensions (W x H x D)	6.2"X3.8"X1.7" (160mm X 96mm X 42mm)
Weight (Mass)	1.0lb (0.46kg)
Communication wire	9-33/64ft (2900mm)
Conversion harness	0.55ft (170mm)
Enclosure Rating	IP66



Hero Cloud Services	
Compatible Browser	Google Chrome, Safari
Compatible Devices	PC, MAC, Smartphone and Tablet with internet connection
Requires Subscription	Yes
URL	www.daikinhero.com



Submittal Data Sheet

DSE401A71/B71 – HERO Simple Edge Cloud Communication Adaptor

Project Name: _____

Location: _____

Engineer: _____

Submitted to: _____

Submitted by: _____

Reference: _____

Approval: _____

Date: _____

Construction: _____

Unit #: _____

Drawing #: _____

FEATURES:

- On-board LED indicates the operation status of the Daikin HERO Simple Edge.
- Included SIM card for cloud connection.
- Directly powers from the outdoor unit, no external power supply is required.
- Connects the VRV system to the HERO Cloud Services.
- Easy setup with QR code label with device information (Edge ID, SIM Card Information).
- Remote monitoring for outdoor unit operation data
- Remote monitoring for indoor unit operation data
- Remote adjustment of outdoor unit field settings (VRV Emerion Only).
- Simple customizable dashboards to provide quick status of connected units and sites.
- Animated piping layout with live data and past data at 1-minute intervals.
- View and download trend graphs of historical operation data.
- Download historical operation data.
- Alarm dashboard with automatic email notifications when an alarm occurs.
- Energy management dashboard to view energy consumption for the outdoor units (VRV Emerion Only).
- User management with customizable access for the specified user type.
- Monitors multiple outdoor units across multiple sites with a single login.

COMPLETE OUTDOOR UNIT COMPATIBLE LIST:

Series	Models
VRV-IV*	RXYQ-TTJU, RXYQ-TTJUC, RXYQ, TYDN, RXYQ-TYDNC, REYQ-TTJU, REYQ-TYDN
VRV-IV TA*	RXYQ-TAYDU, RXYQ-TATJC, RXYQ-TATJU, RXYQ-TAYCU, RXYQ-TAYDC, RXYQ-TATJA, RXYQ-TAYCA, RXYQ-TAYDA, REYQ-TATJU, REYQ-TAYCU, REYQ-TAYDU, REYQ-TATJA, REYQ, REYQ-TAYDA, REYQ-TAYCA
VRV-IV-W*	RWEYQ-PCYD, RWEYQ-PCTJ, RWEYQ-PCYD-HR, RWEYQ-PCTJ-HR, RWEYQ-PYDN-HR
VRV-IV-XA*	RXYQ-XATJA, RXYQ-XAYDA, RXYQ-XAYCA, REYQ-XATJA, REYQ-XAYDA, REYQ-XAYCA, REYQ-XATJU, REYQ-XAYDU, REYQ-XAYCU
VRV-IV-XB	RXYQ-XATJB, RXYQ-XAYDB, RXYQ-XAYCB, REYQ-XATJB, REYQ-XAYDB, REYQ-XATCB, REYQ-XATJB
VRV-IV-AURORA*	RELQ-TAYCU, RELQ-TATJU, RELQ-TAYDU, RELQ-TATJA, RELQ-TAYDA, RELQ-TAYCA, RXLQ-TATJU, RXLQ-TAYDU, RXLQ-TAYJA, RXLQ-TATJA, RXLQ-TAYCA, RXLQ-TAYDA
VRV-IV-W-T*	RWEQ-TATJU, RWEQ-TAYDU, RWEQ-TAYCU, RWEQ-TATJA, RWEQ-TAYDA, RWEQ-TATJU-HR, RWEQ-TAYDU-HR, RWEQ-TAYCU-HR, RWEQ-TATJA-HR, RWEQ-TAYDA-HR
VRV-EMERION	RXYQ-AAYDA, RXYQ-AATJA, REYQ-AAYDA, REYQ-AATJA

*DSE401A71 requires the optional wire harness (Part Number 9S12177) for VRV units other than Emerion.

DAIKIN COMFORT TECHNOLOGIES NORTH AMERICA, INC.

19001 Kermier Road, Waller, TX, 77484

www.daikinac.com www.daikincity.com

Rev.1123

Project Name: _____

Location: _____

Engineer: _____

Submitted to: _____

Submitted by: _____

Reference: _____

Approval: _____

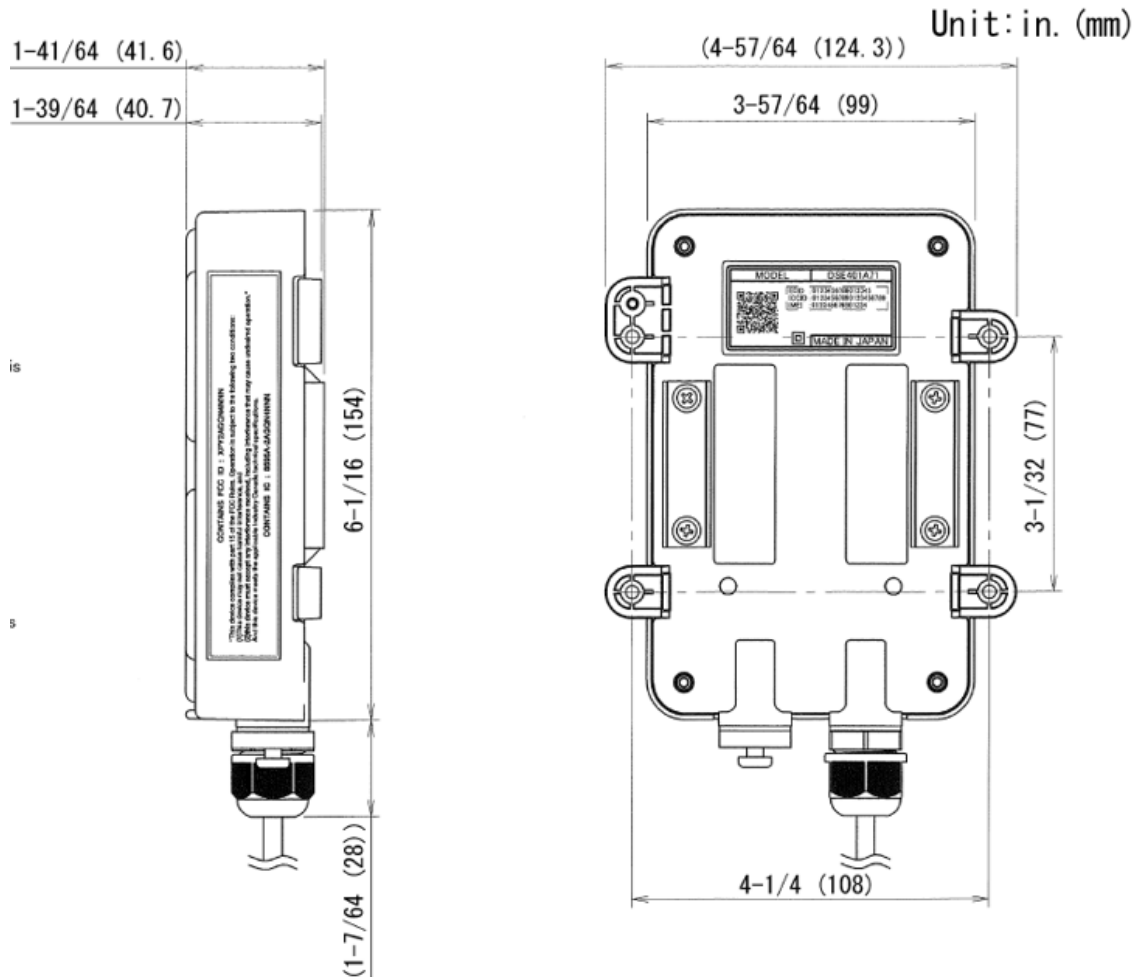
Date: _____

Construction: _____

Unit #: _____

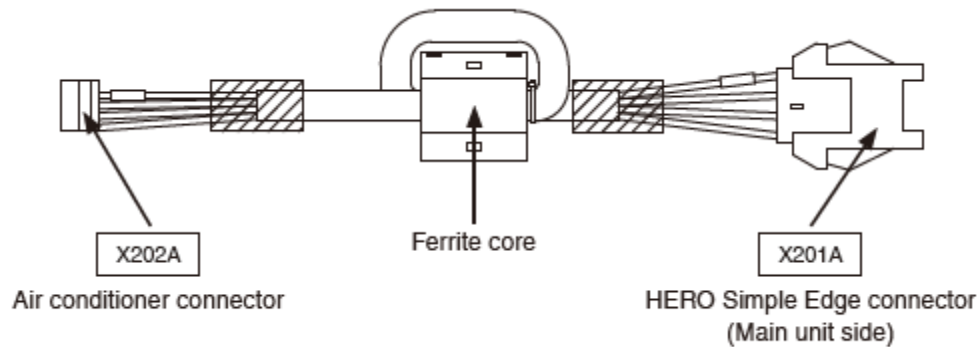
Drawing #: _____

HERO SIMPLE EDGE

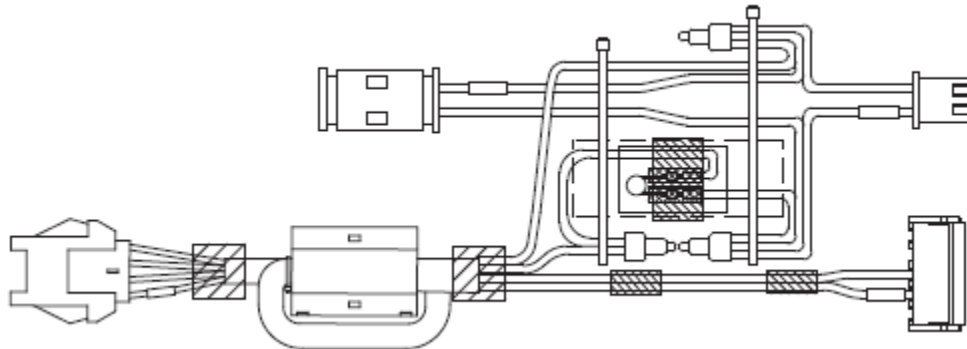


Project Name: _____	Approval: _____
Location: _____	Date: _____
Engineer: _____	Construction: _____
Submitted to: _____	Unit #: _____
Submitted by: _____	Drawing #: _____
Reference: _____	

Harness to connect to the Emerion outdoor unit. (Part number 9S12178, included in packaging with the DSE401A71 & DSE401B71)



Harness to connect to the VRV-IV series outdoor unit. (Purchased separately for DSE401A71, Part number: 9S12177)



Project Name: _____

Location: _____

Engineer: _____

Submitted to: _____

Submitted by: _____

Reference: _____

Approval: _____

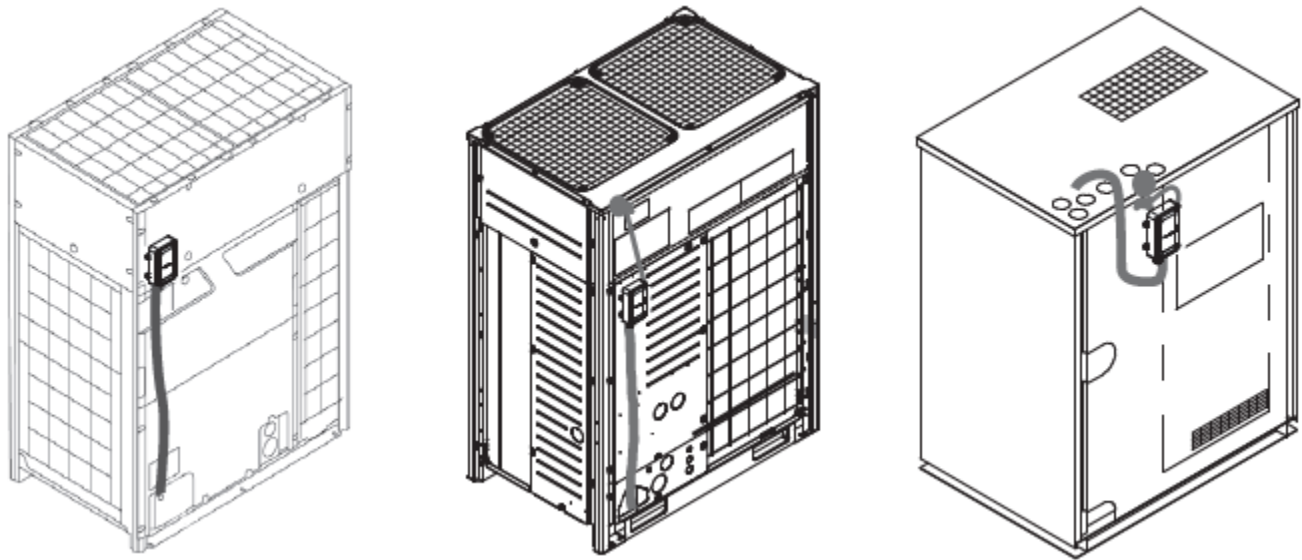
Date: _____

Construction: _____

Unit #: _____

Drawing #: _____

MOUNTING EXAMPLE:



Please refer to the installation manual for more information.

* Since this product uses wireless communication, it cannot be used in tunnels, or underground, or within buildings where cellular signal cannot reach, or outdoors where the signal is weak or outside the communication service area. Even within the communication service area, this product may not be able to be used in places where cellular signal is difficult to transmit, such as indoors, underground, in tunnels, where blocked by buildings, in mountainous areas, on the open ocean, or on high floors within buildings such as high-rise apartment buildings or condominiums.

DOCUMENTATION:

Documentation available on www.daikincity.com and/or www.daikinac.com:

- Submittal
- Product Flyer
- Installation Manual
- Guide Specification

DAIKIN COMFORT TECHNOLOGIES NORTH AMERICA, INC.

19001 Kermier Road, Waller, TX, 77484

www.daikinac.com www.daikincity.com

Rev.1123