

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

MODEL COMPATIBILITY:

Compatible with R-32 VRV Indoor units: FXTA, FXFA, FXMA, FXSA, FXAA, FXZA
 Compatible with VRV and VRV Life™ Indoor unit models: FXAQ, FXDQ, FXEQ, FXFQ, FXHQ, FXLQ, FXMQ, FXMQ_MF, FXNQ, FXSQ, FXTQ, FXUQ, FXZQ, VAM, CXTQ
 Compatible with SkyAir indoor unit models: FAQ, FBQ, FCQ, FHQ, FTQ, FAA, FBA, FCA, FTA
 Compatible with Single and Multi-zone system indoor unit model: FFQ, FDMQ, FFA, FDMA, CDMA

SPECIFICATIONS:

Model	BRC1NRV71
Description	Navigation Remote Controller
Maximum Connections	16 indoor units
Communication Wire	18AWG-2, No polarity Stranded, Non-shielded
Total Wiring Length	1,640 ft. (500 m)
Communication Protocol	Daikin proprietary P1P2 protocol
Power	16VDC supplied by indoor unit (1.58VA maximum)
Comfort Setpoint Range	60 to 90 °F (16 to 32 °C)
Setback Setpoint Range	40 to 95 °F (5 to 35°C)
Operating Temp Range	14 to 122°F (-10 to 50°C)
Operating Humidity Range	75% or less (RH) (without condensation)
Dimensions (WxHxD)	4.72x4.72x0.75 inch (120x120x19 mm)
Weight (Mass)	0.42 lbs. (0.19 kg)

PRODUCT IMAGE:



Note: Three display formats available – Detailed display shown

FEATURES:

- 1) Up to 16 indoor units are controllable within one group
- 2) Within one group, up to 2 Navigation Remote Controllers can be used, one as a main and one as a sub
 - a) The BRC1NRV71 controller cannot be combined with any other BRC-type controller models
 - b) The NRV controller cannot be assigned as a sub controller when paired with a non-BRC-type controller
- 3) Backlit LCD displays in English, Spanish or French
- 4) Temperature sensor built-in with configurable offset
- 5) Display of Temperature and Setpoint in 1°F / °C increments
- 6) Three configurable display options: Detailed, Standard and Simple
- 7) Dual setpoints (independent cooling and heating setpoints) with configurable minimum setpoint differential or Single Setpoint (occupied period)
- 8) Setpoint range limit for cooling and heating modes

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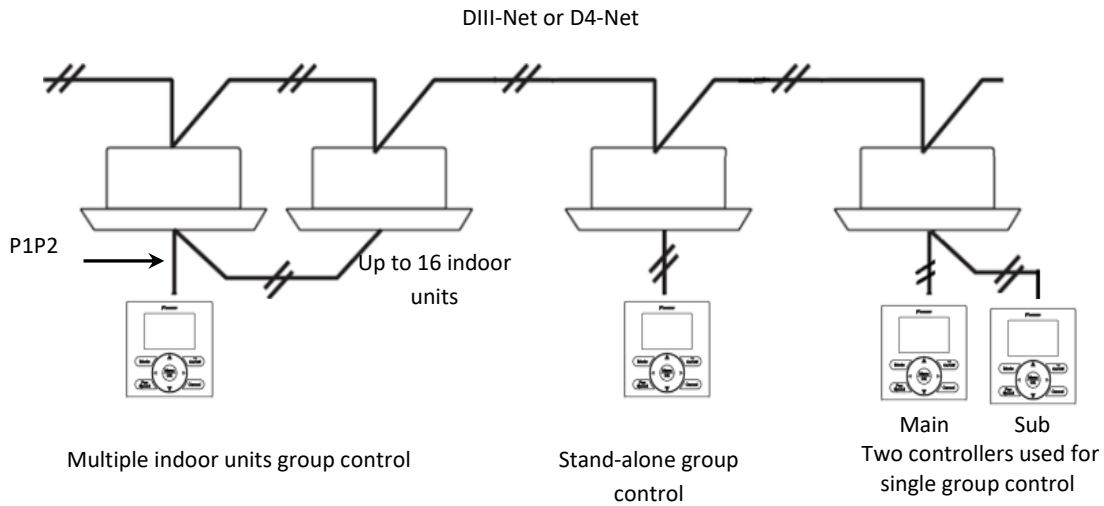
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- 9) Independent cooling and heating setback setpoints (unoccupied period)
- 10) Auto changeover control with configurable primary and secondary changeover dead bands and guard timer
- 11) Individual louver position, dual louver position and auto draft prevention (prevents air blowing directly on occupants)*
- 12) Built-in 7 Days, Weekdays+Weekend, Weekdays+Sat+Sun, and Everyday schedules with up to 5 actions per day with independent cooling and heating or setback setpoints
- 13) Automatic Setback by occupancy sensor*
- 14) Automatic Off by occupancy sensor*
- 15) Configuration for Self-cleaning filter panel*
- 16) Automatic adjustment for Daylight Savings Time (DST)
- 17) 48-hour clock/calendar battery backup (protects schedule timing in cases of short-term power loss from indoor unit)
- 18) Real-time monitoring of system malfunctions with immediate display of unit in error and error code
- 19) The buttons on the remote controller are selectable by locking out the unwanted buttons
- 20) The operation modes can be restricted to provide only the desired mode(s) of operation
- 21) Display can be configured to only show "Off" and room temperature when indoor unit is turned off
- 22) To prevent unwanted changes, fan speed selection and display may be hidden
- 23) Override timer configurable in 10-minute increments (range: 30 minutes to 10 hours)
- 24) Enhanced error monitoring for R32 VRV Indoor units
- 25) Supports new addressing scheme of D4-NET

*Requires support by indoor unit.

SYSTEM DIAGRAM:



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FACE DECAL OPTIONS:

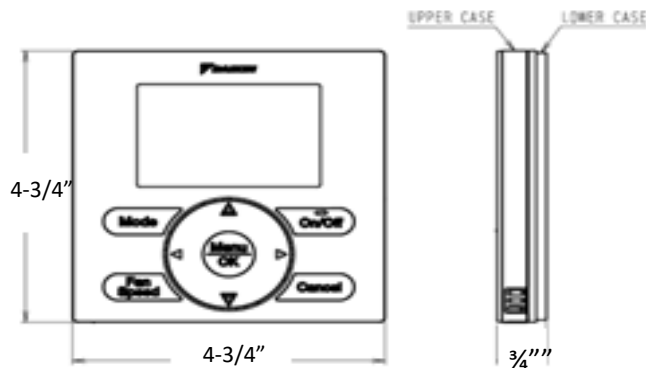
Face decal options are used to hide unnecessary buttons:

1. The face decal is designed to adhere to the faceplate
2. Hidden buttons can be accessed by service personnel without removing the face decal due to its flexibility



Used with	Single Setpoint mode			Dual Setpoint mode		
	BRC1E72RM	BRC1E72RF	BRC1E72RMF	BRC1E72RM2	BRC1E72RF2	BRC1E72RMF2
Model						
On/Off	X	X	X	X	X	X
Mode	X		X	X		X
Fan		X	X		X	X
Up, Down	X	X	X	X	X	X
Left, Right				X	X	X
Menu/Ok						
Cancel						

DIMENSIONS:



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Submittal Data Sheet

BRC1NRV71 – Navigation Remote Controller

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DOCUMENTATION:

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

- Installation Manual
- Operation Manual
- Submittal
- Guide Specifications

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