Navigation Remote Controller

BRC1E72

For use with **VRV III** **VRV III-S** **VRV-W III** **SkyAir**

**Large clear LCD display - Improved with 3 configurations.
Setback schedule. Dual or Single setpoint control.**

The Navigation Remote Controller has been improved to meet the needs of the growing VRV and SkyAir market. This controller will satisfy almost any controls requirement. The configurable display and operation buttons will provide as much or as little control as the project requires.

BRC1E**72** provides all the features of the existing BRC1E71.
It is backwards compatible and has exactly the same dimensions as BRC1E71.

Can be used with:
All VRV indoor units and the FAQ, FBQ, FCQ, FHQ, FTQ SkyAir indoor units
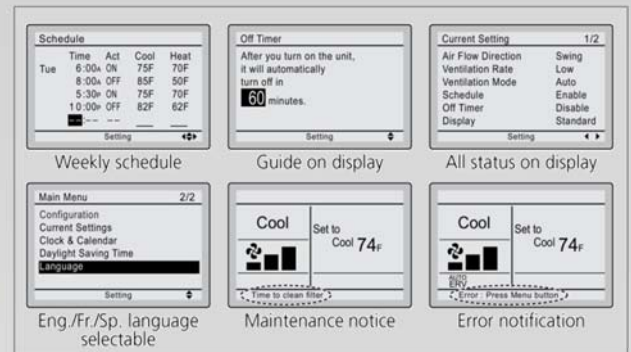
Basic Operation
- On/Off, Operation mode, Setpoint
- Fan speed, Airflow direction (menu)

Function
- Configurable display – Standard, Detailed, and Simple (improved)
- Dual or single Cool and Heat setpoints for occupied periods (improved)
- Independent setback setpoints for unoccupied periods
- Unwanted buttons/operation modes can be disabled (improved)
- Power off eliminates setpoint and mode adjustment – configurable (improved)
- Setpoint range limitation
- Individual button prohibits (improved)
- Auto-changeover for Heat Recovery and Heat Pump systems with dual or single setpoints (improved)
- Automatic adjustment for Daylight Savings Time (DST) (improved)
- Schedule
    - Weekly schedule – 7 day, weekday plus Saturday and Sunday (5 + 1 + 1), weekday plus weekend (5 + 2) and Everyday (1) (improved)
    - Allows programming up to 5 events per day with Cool and Heat or single setpoints
    - Setback configuration with Cool and Heat setpoints

Display
- Detailed display mode
    - Operation mode, Occupied and unoccupied setpoint(s), Fan speed, Airflow direction, Room temperature, Time, Day, and Status display
- Standard display mode
    - Operation mode, Occupied and unoccupied setpoint(s), Fan speed, and Status display
- Simple display mode (new)
    - Operation mode, Occupied and unoccupied setpoint(s), Fan speed, Room temperature
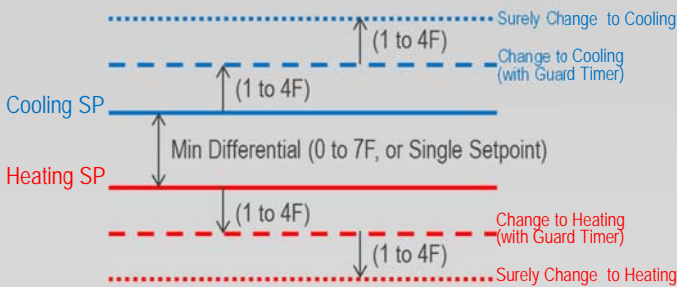- Face decal option to hide unnecessary buttons (new)

Others
- Backlit
- Room temperature sensor
- 12/24 hour clock
- Fahrenheit/Celsius selectable
- English/French/Spanish selectable
(buttons and system status display are in English only)
- Remote control group – up to 16 indoor units

BRC1E72 provides all the features of the existing BRC1E71.

System Capabilities	Daikin Controls Options		
	BRC1E72 Navigation Remote Controller	BRC2A71 Simplified Wired Remote Controller	Wireless Remote Controller (Model depends on unit)
Communications	2-Wire / DIII-Net	2-Wire / DIII-Net	Infrared
°F/°C Selector	■	°F only	°F only
Backlit LCD display	■		
Room temperature display	■		
Schedule and setback capabilities (with Time and Date display)	■		
User restriction options	■		
On/Off, Operation mode, Setpoint, Fan speed	■	■	■
Louver position adjustment	■		■
Reports system malfunctions	■	■	■
Space temperature sensor	■		
Simultaneous operation with Daikin multi-zone controllers	■	■	■
Simultaneous operation with BACnet® and LonWorks®	■	■	■
Group control capacity	Up to 16 indoor units	Up to 16 indoor units	Up to 16 indoor units

Auto-changeover

Surely Change to Cooling
(1 to 4F)
Change to Cooling (with Guard Timer)
(1 to 4F)
Cooling SP
Min Differential (0 to 7F, or Single Setpoint)
Heating SP
(1 to 4F)
Change to Heating (with Guard Timer)
(1 to 4F)
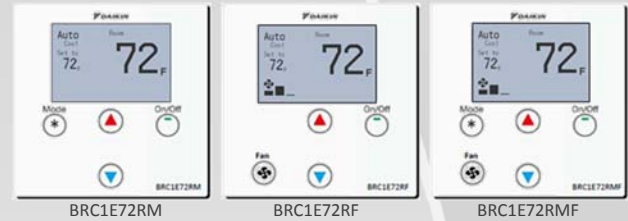Surely Change to Heating

- Automatic changeover in Heat Pump and Heat Recovery Systems
  - At 1°F above cooling or 1°F below heating setpoint (default)
    - Configurable between 1°F – 4°F (improved)
  - Another 1°F above cooling or 1°F below heating changeover points immediate changeover ignoring guard timer (new)
    - Configurable between 1°F – 4°F (new)
  - Guard timer to prevent frequent mode change
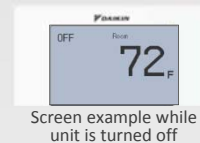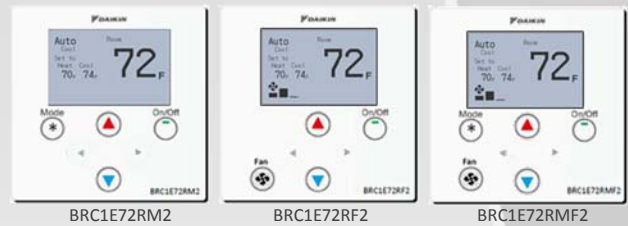   - 15, 30, 60 (default), or 90 minute guard timer settable

Configurable Display Mode – Detailed, Standard, Simple

Display Mode	Detailed	Standard	Simple New
Display image			
On/Off status on LED (LED blinks when an error is occurred)	X	X	X
Mode	X *1	X *1	X *1
Setpoint (Dual/Single)	X *2	X *2	X *2
Room temperature	X		X
Fan speed	X *3	X *3	X *3
Air flow direction (when a louver is available)	X		
Day and Time	X *3		
Status icon	X *3	X *3	
Key lock icon	X	X	
Error message	X	X	

*1. OFF can be displayed instead of the operation mode while the unit is turned off with the field setting (new)
*2. Can be removed from the display while the unit is turned off with a field setting (new)
*3. Can be removed from the display with a field setting (improved)

For More Information:

Optional Face Decals
Single Setpoint Face Decals

BRC1E72RM   BRC1E72RF   BRC1E72RMF

Dual Setpoint Face Decals

BRC1E72RM2   BRC1E72RF2   BRC1E72RMF2

Screen example while unit is turned off

PFBRC1E72USE13-02C