Field Settings for
Daikin VRV / SkyAir indoor unit and BRC1E73

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Availability of Indoor Unit Field Settings (Control Related)

As of 06/08/2017

Mode No.	**10**						**12**					
First Code No.	**2**			**5**	**6**	**8**	**0**	**1**	**2** [1]	**3**		**6**
Second Code No.	**01**	**02**	**03**	**01/02**	**01/02**	**01/02**	**01/03/04**	**01/02**	**01/02**	**01/02**	**03**	**01/02/03**
FXSQ_MVJU	X	X	X [3]	X [3]	X	n/a	X	X	X (02)	X	X [3]	X [2]
FXMQ_MVJU	X	X	X [2]	X [2]	X	n/a	X	X	X (02)	X	X [2]	X [2]
FXMQ72/96MVJU FXMQ_PAVJU FXMQ_PBVJU FBQ_PVJU	X	X	X	X	x	n/a	X	X	X (02)	X	X	X
FXDQ_MVJU	X	X	X	X	X	n/a	X	X	X	X	X	X [4]
FXTQ_PVJU FTQ_PAVJU FTQ_PBVJU FXTQ_PAVJU FXTQ_TAVJU	n/a	X	X	X	X	n/a	X	X	X (02)	X	X	X
BEQ_MVJLR1(FXOQ)	X	X	X	X	X	n/a	X	X	X (02)	X	X	X [2]
FXLQ_MVJU	X	X	X [2]	X [2]	X	n/a	X	X	X (02)	X	X [2]	X [2]
FXLQ_MVJU9	X	X	X	X							X	X
FXNQ_MVJU	X	X	X [2]	X [2]	X	n/a	X	X	X (02)	X	X [2]	X [2]
FXNQ_MVJU9	X	X	X	X							X	X
FXAQ_MVJU FAQ_MVJU	X	X	X [2]	X [2]	X	n/a	n/a	X	X (01)	X	X [2]	n/a
FAQ_PVJU	X	X	X [2]	X [2]	X	n/a	n/a	X	X(01)	X	X [2]	X [5]
FXAQ_PVJU	X	X	X	X	X	n/a	n/a	X	X(01)	X	X	X [5]
FXZQ_M7VJU	X	X	X [2]	X [2]	X	n/a	X	X	X (01)	X	X [2]	X [2]
FXZQ_MVJU9		X	X	X							X	X
FXFQ_MVJU FCQ_MVJU FCQ_PVJU	X	X	n/a	n/a	n/a	n/a	X	X	X (01)	X	n/a	n/a
FXFQ_PVJU FCQ_PAVJU FXFQ_TVJU	X	X	X	X	X	X	X	X	X (01)	X	X	X
FXHQ_MVJU FHQ_PVJU FHQ_MVJU	X [5]	X	X [5]	X [5]	X [5]	n/a	X	X	X (01)	X	X [5]	X [5]
FXUQ_PVJU	X	X	X	X	X	X	n/a	X	X(01)	X	X	X
FXEQ_PVJU	X	X	X	X	X	n/a	X	X	X(01)	X	X	X

Indoor unit models shaded in grey are obsolete
[1] Factory default value is indicated in parenthesis.
[2] Field settings highlighted in orange may not be available in units manufactured before 9/1/2009.
[3] Field settings highlighted in purple may not be available in units manufactured before 1/1/2007.
[4] Field settings highlighted in blue may not be available in units manufactured before 1/1/2013.
[5] Field settings highlighted in green may not be available in units manufactured before 1/1/2015.

The following settings are available for **FXFQ_TVJU** and **FXUQ_PVJU** which have **individual air flow control** and **presence / floor sensors options**.		
11-3, 11-6, 11-8, and 11-9	12-9	13-2

The following settings are available for **FXFQ_TVJU** which has the **self-cleaning filter option**.
14-2, 14-4, 14-8, 14-9

Field Settings – Indoor Unit (Control Related)

(Green highlighted items are FXFQ_TVJU and FXUQ_PVJU field settings)

Mode No. (Note 1)	First Code No.	Description	Second Code No. (Note 2) (Bold cells in grey are factory default settings)			
			01	02	03	04
10(20)	2	Priority of thermistor sensors for space temperature control	**The return air thermistor is primary and the remote controller thermistor Is secondary**	Only the return air thermistor will be utilized	Only the remote controller thermistor will be utilized	--
	5	Room temperature value reported to multizone controllers	**Return air thermistor**	Thermistor designated by 10-2 above **(Note 3)**	--	--
	6	The remote controller thermistor is used in Remote Controller Group	**No**	Yes	--	--
	8	Return air sensor offset in Heating	**2C**	None (for remote sensor and remote controller sensor)	--	--
11(21)	3 **(Note 6)**	Fan Speed during Heating operation	**Standard**	Slight Increase	Increase	--
	6	Sensitivity of presence sensor	High (sensitivity % of 10% or more)	Low (sensitivity % of 30% or more)	**Standard** (sensitivity % of 20% or more)	Sensor does not work **(Note 5)**
	8	Compensation of temperature around human body	Floor sensor does not work	Higher priority on the return air temperature	**Standard**	Higher priority on the floor temperature
	9	Floor sensor offset	-4C	-2C	**0C**	+2C
12(22)	0	KRP1C X1-X2 status output	**Indoor unit Thermo-On/Off status**	N/A	Indoor unit Operation On/Off status	Indoor unit Alarm status
	1	Indoor unit T1-T2 input	**Forced Off** **Closed Contact-Indoor unit is forced off and Central Control icon is displayed. Unit cannot be turned on manually. Operation can be overridden by central control.** **Open Contact-Indoor unit can resume normal operation. Unit must be turned on manually or by central control.**	On/Off Closed Contact-Indoor unit is turned on. Open Contact-Indoor unit is turned off. Unit responds to last command, i.e., unit can be turned on manually or by central control after circuit has opened. Operation is prohibited when remote controller On/Off control is restricted by a multi-zone controller.	External Protection Device Closed contact-Unit shall resume normal operation. Open contact-Unit shall shut down and generate an A0 error.	--
	2	Thermo-On/Off deadband **(Note 4)**	**2F (1C)**	**1F (0.5C)**	--	--
	3	Fan Speed in Heating Thermo-Off	**LL**	User set	Off	--
	6	Fan Speed in Cooling Thermo-Off	LL	**User set**	Off	--

13 (23)	2	Flap moving in swing mode	All 4 flaps synchronized	--	**Two opposite flaps synchronized**	--
14 (24)	2	Filter cleaning display for the self-cleaning decoration panel only	1250 Hours	**2500 Hours**	5000 Hours	--
	4	Panel Indicator (green ON/OFF) for Auto-Clean Function FXFQ_TVJU	On-while in air-conditioning operation and filter cleaning operation	Possible to turn on while in filter cleaning operation only	**Off While in conditioning operation and filter cleaning operation**	--
	5	Dry Mode (FXTQ_TAVJU)	**Set Point = Room Temperature**	Set Point became same as cooling mode set point	--	--
	8	Auto Cleaning operation for filter	Auto control operation	**No Auto Control Operation**	--	--
	9	Dust Quantity Setting	**Standard**	Large	--	--

1. Field settings are normally applied to the entire remote control group, however if individual indoor units in the remote control group require specific settings or for confirmation that settings have been established, utilize the mode number in parenthesis.
2. Any features not supported by the installed indoor unit will not be displayed.
3. When mode 10-2-01 is selected, only the return air temperature value is reported to the multizone controller.
4. The actual default deadband value will depend upon the indoor unit model.
5. The presence sensor will be disabled. As a result you will not be able to see the related setting menus on the BRC1E73 (Draft Prevention function, Auto-setback by Sensor and Auto-off by Sensor).
6. On FXTQ_TAVJU, field settings 11(21)-3 controls the electric heater, see appendix 2 for more details.

Appendix 1 - Recommended settings for the FXFQ_TVJU and FXUQ_PVJU Only

#	Temperature sensor used by indoor unit to sense the room temperature	To use selected sensor temp for indoor unit control	To send selected sensor temp to ITM/ITC and BACnet/LON Interface	To display selected sensor temp on NAV
1	NAV sensor	10(20)-2-03 11(21)-8-01 (Disable floor sensor)	10(20)-5-02 10(20)-8-02(*) (Disable sensor offset)	1c-1-02
2	Return air sensor	10(20)-2-02 11(21)-8-01 (Disable floor sensor)	10(20)-5-01/02 10(20)-8-01(*)	1c-1-01
3	Return air sensor primary, NAV sensor secondary when return air temp is close to the setpoint	10(20)-2-01 11(21)-8-01 (Disable floor sensor)	10(20)-5-01/02 (Return air temp is always sent) 10(20)-8-01(*)	1c-1-01 (Return air temp is always displayed)
4	Compensation of temperature around human body (Weighted average between return air temp and floor temp)	11(21)-8-02/03/04 (Floor sensor is prioritized over 10(20)-2 setting)	10(20)-5-02 10(20)-8-01(*)	1c-1-01

*When the remote temperature sensor is used 10(20) - 8 - 02 should be used.

Appendix 2 -FXTQ_TAVJU Electric Heater Field Settings

Mode No. (Note 1)	First Code No.	Description	Second Code No. (Bold cells in gray are factory default settings)			
			01	02	03	04
11 (21)	3	Electric Heater Operation	**1: Electric Heater with Heat Pump not allowed**	**2:** Electric Heater with Heat Pump allowed	**7:** Electric Heater with Heat Pump not allowed	**8:** Electric Heater with Heat Pump allowed
		Electric Heater run for Defrost/oil return operation	**1: Not allowed**	**2:** Not allowed	**7:** Allowed	**8:** Allowed

Field Settings – BRC1E73

Mode No.	First Code No.	Description	Second Code No. (Bold cells in gray are factory default settings)			
			01	02	03	04
1b	7	STANDBY icon	**Display in Defrost or Hot Start**	Not Displayed	--	--
	11	Day/Clock	**Displayed**	Not Displayed	--	--
	12	Setpoint display while the unit is off	**Displayed**	Not Displayed	--	--
	13	Mode display while the unit is off	**Displayed**	Display OFF instead of the mode	--	--
	14	Fan Speed button configuration	**Fan Speed**	Fan ON/Auto (Fan LL in thermo-off) (Applicable to SkyAir and FXAQ_P)	FAN ON/Auto (Fan Off in thermo-off) (Applicable to SkyAir and FXAQ_P)	--
	15	Fan icon display	**Displayed**	Not Displayed	--	--
1c	1	Thermistor sensor used for Auto-changeover and Setback control	Return Air Thermistor–return air temperature displayed on controller as room temperature	**Remote Controller Thermistor – remote controller temperature displayed on controller as room temperature**	--	--
	10	Temperature Sensor Offset	**01:** -5.4°F (-3.0°C) **13:** +5.4°F (+3.0°C)	**02:** -4.5°F (-2.5°C) **12:** +4.5°F (+2.5°C)	**03:** -3.6°F (-2.0°C) **11:** +3.6°F (+2.0°C)	**04:** -2.7°F (-1.5°C) **10:** +2.7°F (+1.5°C)	**05:** -1.8°F (-1.0°C) **09:**+1.8°F (+1.0°C)	**06:** -0.9°F (-0.5°C) **08:**+0.9°F (+0.5°C)	**07: 0.0°F (0.0°C)**
1e	2	Setback availability	**N/A**	Heating mode only	Cooling mode only	Cooling/ Heating modes
	4	Schedule and Auto-changeover enabled when multizone controller is detected **(Note 1)**	**No**	Yes	--	--
	9	CENTRAL CONTROL icon	Not displayed	**Displayed when under control by a multizone controller**	--	--
	10	Message when button pushed which has been prohibited by a multizone controller	Key lock icon blinks for 5 seconds	**Message displayed on screen: "Under Centralized Control. Adjustments at the remote control are being restricted."**	--	--
	11	Auto changeover guard timer	15 min	30 min	**60 min**	90 min
	12	Auto changeover point	**0.9°F (0.5°C)**	1.8°F (1.0°C)	2.7°F (1.5°C)	3.6°F (2.0°C)
	13	Quick changeover point beyond the auto changeover point	**0.9°F (0.5°C)**	1.8°F (1.0°C)	2.7°F (1.5°C)	3.6°F (2.0°C)

1. Native remote controller Schedule and Auto-changeover functions are disabled when a multizone controller is detected and a group address is assigned.

BRC1E73 Field Setting - Factory Default Values

- Do not change from the factory default value in the cells below highlighted in grey.
- This table would be referred to confirm the default value when you might have changed the unnecessary field setting accidentally.

Mode No. / First Code No.	1b	1c	1e
0	02	02	--
1	02	02	02
2	--	02	01
3	--	01	02
4	04	02	01
5	01	01	02
6	01	01	02
7	01	02	02
8	05	01	02
9	01	01	02
10	--	07	02
11	01	07	03
12	01	--	01
13	01	--	01
14	01	--	01
15	01	--	--