






CONFIGURABLE ITEMS

A number of items are configurable by the wired controller. If an indoor unit is without a wired controller then the unit requires configuration, it may be temporarily connected for the procedure to be undertaken. In order to access the menu

RBC-AMT32E/RBC-AMS41-E

Press  +  +  buttons at the same time for more than 4 seconds

RBC-AMS51E-ES

Press and hold the [ MENU] button & [ V] button at the same time for more than 4 seconds to display "Field setting menu"

EXAMPLES of COMMON CONFIGURABLE OPTIONS

ITEM	DESCRIPTION	VALUE	DEFAULT
01	Filter alarm time Filter sign displayed after selected time has elapsed – or by external pressure switch (CN70)	0000: Inactive 0001: 150 H 0002: 250 H 0003: 500 H 0004: 1000 H 0005: External switch	0004
02	Dirty environment Allows filter alarm time to be halved if used in a dirty environment	0000: Standard 0001: Dirty	0000
03	Network address When under network control.	0099: Unset 0001 to 0064 available	0099
04	Priority Setting for Remote Controller 0 = Normal 1= Priority (This remote has priority of mode setting)	0000 = Standard 0001 = Priority	0000
06	Stratification control Increases effective return air temperature setting in heating mode (0 to 10 K)	0000 to 0010	0002; +2°C Floor type 0000; 0°C
0C	Preheat Preheat indication on display	0000 = available 0001 = unavailable	0000
0d	Auto mode Enable or disable Auto mode	0000 = available 0001 = unavailable	0000 except SMMS
0E	SHRMi only Used when multiple indoor units are served via a single FS box	0000 = normal 0001 = multiple units	0000
0F	Heat Mode Enable or disable Heat Mode	0000 = available 0001 = unavailable	0000
10	Indoor unit model Must be set when replacing indoor printed circuit board	0000: 1 way cassette (s models) 0001: 4 way cassette 0002: 2 way cassette 0003: 1 way cassette (y models) 0004: duct (standard) 0005: slim duct 0006: duct (high static) 0007: ceiling 0008: hi wall 0010: console 0011: concealed floor 0014: 4 way cassette (600 x 600) 0013: tall cabinet 0016: fresh air intake 0050: air to air heat exchanger	
11	Indoor unit capacity 0000 will generate a (L09) fault	MM RAV MM RAV 0004=005* 0012= 027* 80* 0001=007* 0013= 030* 0003=009* 30* 0015= 036* 110 0005=012* 0017= 048* 140 0006= 40* 0018= 056* 160 0007=015* 0021= 072* 224 0009=018* 56* 0023= 096* 280 0011=024* Air to air heat exchanger Type 0001= 150m ³ /h 0002= 250m ³ /h 0003= 350m ³ /h 0004= 500m ³ /h 0005= 650m ³ /h 0006= 800m ³ /h 0007= 1000m ³ /h	
12	System number DI/SDI indoor and outdoor units are automatically addressed, this value may be set manually but it must be done via the wired controller – on an individual basis. Settings are 0001 to 0030	0001: outdoor unit 1 0002: outdoor unit 2	0099
13	Indoor unit number Indoor units connected to a common outdoor unit (e.g. twinned indoor units) will have the same system number - settings are 0001 to 0064. Automatically allocated – but may be manually overridden.	0001: indoor unit 1 0002: indoor unit 2	0099
14	Group master/slave Allows selection of master indoor unit within group. Automatically allocated but may be manually overridden.	0000: single indoor unit 0001: group master 0002: group slave	0099
15	Temperature Sensor Compensation for missing temperature sensor (split systems ONLY) other settings produce F03 fault code	0022	0022
16	Indoor Fan Indoor fan speed selection. Binary addition.	0015 = all speeds available 1 = auto; 2 = low; 4 = medium; 8 = high	0015 except high static 0008
17	Set point shift Cooling temperature set point shift. (shifted by 1 to 10 k)	0000 = no shift, 0001 = 1 k shift 0010 = 10 k shift	0000
19	Louver functions None, swing only, swing and auto (where applicable)	0000: disabled, 0001: swing only 0004: all options	
1b	Compressor on time Compressor minimum on time 0 = 5 minutes 1 = 4 minutes	0000: 0 – 5 min 0001: 1 - 4 min.	0000
1E	Dead band - auto Changeover sensitivity in automatic mode. 1 to 10 k adjustable	0000: 0 K, 0010: 10 K	0003
1F	Max. Setting Cooling mode maximum temperature setting (18 – 29)	0018 = 18 °C 0020 = 20 °C 0029 = 29 °C	29 °C
20	Min. Setting Cooling mode minimum temperature setting (18 – 29)	0018 = 18 °C 0020 = 20 °C 0029 = 29 °C	18 °C
21	Max. Setting Heating mode maximum temperature setting (18 – 29)	0018 = 18 °C 0020 = 20 °C 0029 = 29 °C	29 °C
22	Min. Setting Heating mode minimum temperature setting (18 – 29)	0018 = 18 °C 0020 = 20 °C 0029 = 29 °C	18 °C

EXAMPLES of COMMON CONFIGURABLE OPTIONS

ITEM	DESCRIPTION	VALUE	DEFAULT	ITEM
23	Max. Setting	Dry mode maximum temperature setting (18 – 29)	0018 = 18° C 0029 = 29° C	29° C
24	Min. Setting	Dry mode minimum temperature setting (18 – 29)	0018 = 18° C 0029 = 29° C	18° C
25	Max. Setting	Auto mode maximum temperature setting (18 – 29)	0018 = 18° C 0029 = 29° C	29° C
26	Min. Setting	Auto mode minimum temperature setting (18 – 29)	0018 = 18° C 0029 = 29° C	18° C
28	Auto restart	Enable or disable	0000: disabled, 0001: enabled	0000
29	Humidifier condition	Operating condition of humidifier	0000: Usual 0001: Condition ignored	0000
2A	CN70	Selection of optional error input (CN70)	0000: Filter input 0001: Alarm input, 0002: None	0002
2d	Modes available	Binary addition of modes available. Split systems 0000, will fault the system	0015 = all modes 1 = fan; 2 = cool; 4 = dry 8 = heat	0015
2E	External On / Off control	Making or breaking terminals 1 and 2 of CN61 (indoor PCB) External switching option, remove jumper 01 master indoor PCB allows continuous contact switch- link 01 in place; pulse switch required	0000 = group starts when made stops when open 0001 = enable when made, disable when open	0000
31	External fan control	Through remote controller and CN32 indoor PCB	0000 = disable, 0001 = enabled	0000
32	Sensor location	Return air/room sensor OR in local controller	0000: return air sensor 0001: remote sensor	0000
33	Unit of temperature	Celsius or Fahrenheit	000 = Celsius, 0001 = Fahrenheit	0000
36	Remote controller	Temperature display	0000: temperature setting 0001: temperature room sensing	0000
40	Drain pump	Drain pump control	0000: None 0001: Pump ON 0002: None 0003: Pump OFF	0003
45	Anti-smudge	4 way cassette anti smudge effect via louver position	0000 = enabled, 0001 = disabled	0000
5d	1-Way Cassette		AP015, 018 AP024	
	Airflow correction		3.5 3.8	0000
	Ceiling height (m)		4.0 4.0 4.2 4.2	0001 0003
	2-Way Cassette		AP007 to AP030 AP36 to AP056	
	Airflow correction		2.7 2.7	0000
	Ceiling height (m)		3.2 3.0 3.8 3.5	0001 0003
	4-Way Cassette		RAV56* RAV80* RAV110*-160*	
			AP005 to AP012 AP015 to AP018 AP024 to AP030 AP036 to AP056	
	Airflow correction		4-way 3-way 2-way 4-way 3-way 2-way 4-way 3-way 2-way 4-way 3-way 2-way	0000
	Ceiling height (m)		2.7 2.8 3.0 2.8 3.2 3.5 3.8 3.3 3.5 3.8 4.2 4.4 4.6 - - - 3.2 3.5 3.8 3.3 3.5 3.8 4.2 4.4 4.6 - - - 3.5 3.8 - 3.6 3.8 - 4.5 4.6 -	0001 0003
	4-Way Compact Cassette		RAV40* RAV56*	
			AP007 to AP012 AP015 AP018	
	Airflow correction		2.7 2.9 3.2	0000
	Ceiling height (m)		- 3.2 3.4 - 3.5 3.5	0002 0003
	Slim Ducted		RAV40*-56* -	
		AP0054 AP0074 to AP0184 AP0244 to AP0274		
Airflow correction		10 Pa 10 Pa 10 Pa	0000	
External static pressure		20 Pa 20 Pa 20 Pa 35 Pa 35 Pa 35 Pa 50 Pa 50 Pa 50 Pa	0001 0003 0006	
Standard Ducted		RAV40*-56* RAV80* RAV110*-160*		
		AP007 to AP018 AP024 to AP030 AP036 to AP058		
Airflow correction		30 Pa 30 Pa 30 Pa	0001	
External static pressure		40 Pa 40 Pa 40 Pa 50 Pa 50 Pa 50 Pa 65 Pa 65 Pa 65 Pa 80 Pa 80 Pa 80 Pa 100 Pa 100 Pa 100 Pa 120 Pa 120 Pa 120 Pa	0000 0003 0002 0004 0005 0006	
			RAV40* 0001 RAV-80* 0001 RAV110* 0003 RAV140* 0003 RAV160* 0003 AP007_018 0001 AP024_030 0000 AP036_058 0003	
60	Timer lock	Locks timer in wired local controller – maintaining last setting	0000: unlocked, 0001: locked	0000
62	Anti-smudge	4 way cassette – ant smudge via fan speed (Coanda effect)		0001
69	Louver	Louver restriction when cooling	0000 = restricted to horizontal positions 0001 = full range of movement	0000
8b	Heating Correction	Heating output reduction split systems only	0000: None, 0001: Correction	0000
8C	Forced Defrost	Run group in HEAT mode after setting defrost is conducted automatically. Value is reset automatically back to 0000	0000 = disabled 0001 = enabled	0000
A0	Fan & Pump	Fan and pump operation during oil retrieval mode (VRF cassettes ONLY)	0000 = fan off, pump on 0003 = fan on, pump on	0003
C2	Energy save	Outdoor unit energy demand 1% increments 50 to 100%	0050 ~ 0100	0075
CE	Replace indoor PCB	4-Way cassette unit capacity code	0000 = disable 0006: RAV40* 0009: RAV56* 0012: RAV80* 0015: RAV110* 0017: RAV140* 0018: RAV160*	0000
D3	Self clean operation	Self clean dry operation	0000 = disable 0001 = enable	0001
F1 F2 F3 F4	Louvre lock Flap 1 Louvre lock Flap 2 Louvre lock Flap 3 Louvre lock Flap 4	4-Way cassette 5 fixed positions	0000 Full swing 0001 Fixed position 1 0002 Fixed position 2 0003 Fixed position 3 0004 Fixed position 4 0005 Fixed position 5	0000