CITY MULTI				
Outdoor unit	Indoor unit	Remote controller	FAULT CODE	Description

**Fault codes in () indicates Preliminary error code*

○	-	-		Serial communication error/Panel communication error ■ Check Control board (CN4A, CN4B) and the Fan board (CN80) ■ Check Control board (CN4) and INV board (CN2)
-	○	-	0403 (4300) (4305) (4306)	Serial communication error/Panel communication error ■ Check SW3-3 on the indoor unit circuit board ■ Set SW3-3 to ON only when connecting an auto filter cleaning unit. ■ Check the LED1 (cleaning unit circuit board (microcomputer power)). Lit: Power is supplied properly. Unlit: Check for loose or disconnected power wire between the indoor unit circuit board (CNAC) and the cleaning unit circuit board (CN3A). ■ Check the LED4 (cleaning unit circuit board (communication)). Blinking: Normal communication Unlit: Check for loose or disconnected communication wire between the indoor unit circuit board (CN3G) and the cleaning unit circuit board (CN3G). ■ If the LED blinks at irregular intervals (normally blinks at 0.5-second intervals), electrical interference is suspected. ■ Check the items above, turn the power off, and turn the power back on. If the error persists, replace either the cleaning unit circuit board or the indoor unit circuit board.
○	-	-	1102 (1202)	Discharge temperature fault ■ Check refrgierant charge ■ Check operating conditions and operation status of indoor/outdoor units. ■ Check indoor/ outdoor LEV ■ Confirm that the refrigerant service valve is fully open. ■ Check the fan on outdoor unit ■ Check thermistor TH4
○	-	-	1301	Low pressure fault ■ Check low pressure sensor with gauge pressure

CITY MULTI				
Outdoor unit	Indoor unit	Remote controller	FAULT CODE	Description

**Fault codes in () indicates Preliminary error code*

○	-	-	1302 (1402)	High pressure fault ■ Check LEV2 ■ Confirm that the refrigerant service valve is fully open. ■ Check the outdoor units for problems and correct them, if any ■ Check the fan on the outdoor unit. ■ Check SV1a ■ Check thermistor TH3, TH7 ■ Check high pressure sensor with gauge pressure ■ Check the input voltage at the power supply terminal block (TB1).
○	-	-	1500 (1600)	Refrigerant overcharge ■ Check refrigerant charge ■ Check LEV1/LEV2 ■ Check indoor LEV ■ Check that the twinning-pipe kit is installed in accordance with the instructions provided in the installation manual.
-	○	-	2502	Drain pump fault ■ Check for proper functioning of the drain pump. ■ Check for proper drainage. ■ Check for proper lead wire installation. ■ Check for clogged filter. ■ Check for normal operation of the float switch (if available). ■ Check the resistance with the float switch turned on and turned off (if available). If the above item checks out OK, replace the indoor unit control board. ■ Check the solenoid valves on the indoor unit for leaks.

CITY MULTI				
Outdoor unit	Indoor unit	Remote controller	FAULT CODE	Description

**Fault codes in () indicates Preliminary error code*

○	-	-	4220 4225 4226 (4320) (4325) (4326)	Backup operation Abnormal bus voltage drop Abnormal bus voltage rise Logic error Control power-supply fault Low bus voltage at startup ▪ Check whether the power voltage (Between L1 and L2, L2 and L3, and L1 and L3) is 342V or less across all phases. ▪ Check inverter board/ noise filter/ fan board/ control board If the problem recurs, replace the INV board or fan board. In the case of 4220: INV board In the case of 4225, 4226: Fan board
○	-	-	4230 (4330)	Heatsink overheat protection ▪ Check fan inverter board ▪ Check outdoor unit fan ▪ Check that the heat sink cooling air passage is not blocked ▪ Check for proper installation of the INV board IGBT.
○	-	-	4240 4245 4246 (4340)	Overload protection ▪ Check that the heat sink cooling air passage is not blocked ▪ Power supply voltage is 342 V or above. ▪ Check inverter/compressor ▪ Check the setting for the model selection switch on the outdoor unit (Dipswitches SW5-3 -SW5-8 on the outdoor unit control board).

CITY MULTI				
Outdoor unit	Indoor unit	Remote controller	FAULT CODE	Description

**Fault codes in () indicates Preliminary error code*

○	-	-	4250 4255 4256 (4350) (4355) (4356)	Backup operation IPM error Short-circuited IPM/Ground fault Overcurrent error due to short-circuited motor Instantaneous overcurrent (S/W detection) Overcurrent (effective value)(S/W detection) ■ Check inverter/ compressor/ IGBT ■ Check the setting for the model selection switch on the outdoor unit (Dipswitches SW5-3 -SW5-8 on the outdoor unit control board). ■ Check fan inverter board ■ Check outdoor unit fan
-	○	-	5101 (1202) 5102 (1217) 5103 (1205) 5104 (1202)	Temperature sensor fault - Return air temperature (TH21) Temperature sensor fault - Indoor unit pipe temperature (TH22) Temperature sensor fault - Indoor unit gas-side pipe temperature (TH23) Temperature sensor fault - Outside temperature (TH24) ■ Check the thermistor resistor. 0°C [32°F]: 15 kΩ 10°C [50°F]: 9.7 kΩ 20°C [68°F] : 6.4 kΩ 30°C [86°F] : 4.3 kΩ 40°C [104°F] : 3.1 kΩ ■ Check the connector contact. When no fault is found, the indoor board is a failure.

CITY MULTI				
Outdoor unit	Indoor unit	Remote controller	FAULT CODE	Description

**Fault codes in () indicates Preliminary error code*

○	-	-	5102 (1217) 5103 (1205) 5104 (1202) 5106 (1216) 5107 (1221) 5115 (1204)	Temperature sensor fault - HIC bypass circuit outlet temperature (TH2) Temperature sensor fault - Pipe temperature at heatexchanger outlet (TH3) Temperature sensor fault - Outdoor unit discharge temperature (TH4) Temperature sensor fault- HIC circuit outlet temperature (TH6) Temperature sensor fault- Outside temperature (TH7) Compressor shell bottom temperature sensor fault (TH15) ■ Check thermistor resistance. ■ Check for pinched lead wire. ■ Check for wire coating. ■ Check connector. ■ Check for wire. ■ Check the intake temperature of the sensor with the LED monitor. When the temperature is far different from the actual temperature, replace the control board. Short detection / Open detection TH2 70°C [158°F] and above (0.4 kΩ) / -40°C [-40°F] and below (130 kΩ) TH3 110°C [230°F] and above (0.4 kΩ) / -40°C [-40°F] and below (130 kΩ) TH4 240°C [464°F] and above (0.57 kΩ) / 0°C [32°F] and below (698 kΩ) TH6 70°C [158°F] and above (1.14 kΩ) / -40°C [-40°F] and below (130 kΩ) TH7 110°C [230°F] and above (0.4 kΩ) / -40°C [-40°F] and below (130 kΩ) TH15 110°C [230°F] and above (0.4 kΩ) / -40°C [-40°F] and below (130 kΩ)
○	-	-	5110 (1214)	Backup operation Temperature sensor fault - Heatsink temperature (THHS) If the problem recurs when the unit is put into operation, replace the INV board.
○	-	-	5201	High-pressure sensor fault (63HS1) ■ Check high pressure sensor with gauge pressure

CITY MULTI				
Outdoor unit	Indoor unit	Remote controller	FAULT CODE	Description

**Fault codes in () indicates Preliminary error code*

○	-	-	5301 (4300)	Backup operation ACCT sensor fault ACCT sensor circuit fault Open-circuited IPM/Loose ACCT connector Faulty ACCT wiring ■ Check the connector (CNCT2) on the INV board for proper connection. ■ Check the output wire for proper connection. ■ Check inverter/ compressor Replace the INV board if the problem persists after the operation is resumed.
○	-	-	5305 5306 (4305) (4306)	Backup operation Current sensor fault Current sensor circuit fault ■ Check the output wiring from the fan board for proper connection. ■ Check fan inverter board ■ Check outdoor unit fan
○	○	○	6600	Address overlap ■ Check for duplicated addressing ■ When air conditioning units are operating normally despite the address overlap error
○	○	○	6607	No ACK error ■ Check voltage of the transmission line for ~25V Turn off the outdoor/indoor units for 5 or more minutes, and turn them on again. If the error is accidental, it will run normally. If not, check:~ When IC unit address is changed or modified during operation. Faulty or disconnected IC transmission wiring Disconnected IC connector (CN2M) Indoor unit controller failure ME remote controller failure

CITY MULTI				
Outdoor unit	Indoor unit	Remote controller	FAULT CODE	Description

**Fault codes in () indicates Preliminary error code*

○	○	○	6608	No response error Turn off the outdoor/indoor units for 5 or more minutes, and turn them on again. Check transmission line condition. Farthest: <200m Remote controller wiring: <12m Wire diameter: >1.25mm^2 Noise is the most possible cause of the error "6608".
-	○	○	6831 6832 6833 6834	MA controller signal reception error (No signal reception) MA remote controller signal transmission error (Synchronization error) MA remote controller signal transmission error (Hardware error) MA controller signal reception error (Start bit detection error) ■ Check for disconnected or loose transmission lines for the indoor units or MA remote controllers. ■ Confirm that the power is supplied to the main power source and the remote controller line. ■ Confirm that MA remote controller's capacity limit is not exceeded. ■ Check the sub/main setting of the MA remote controllers.One of them must be set to MAIN. ■ Check the transmission waveform When no fault is found, replace the indoor unit board or the MA remote controller. The following status can be confirmed on LED1 and 2 on the indoor unit board. If LED1 is lit, the main power source of the indoor unit is turned on. If LED2 is lit, the MA remote controller line is being powered.
○	-	-	7100	Total capacity error ■ Check the Qj total (capacity code total) of indoor units connected. ■ Check the Qj setting (capacity code) of the connected indoor unit set by the switch (SW2 on indoor unit board). ■ Check the setting for the model selection switch on the outdoor unit (Dipswitches SW5-3 - SW5-8 on the outdoor unit control board). ■ Confirm that the TB3 on the OC and OS are properly connected.

CITY MULTI				
Outdoor unit	Indoor unit	Remote controller	FAULT CODE	Description

**Fault codes in () indicates Preliminary error code*

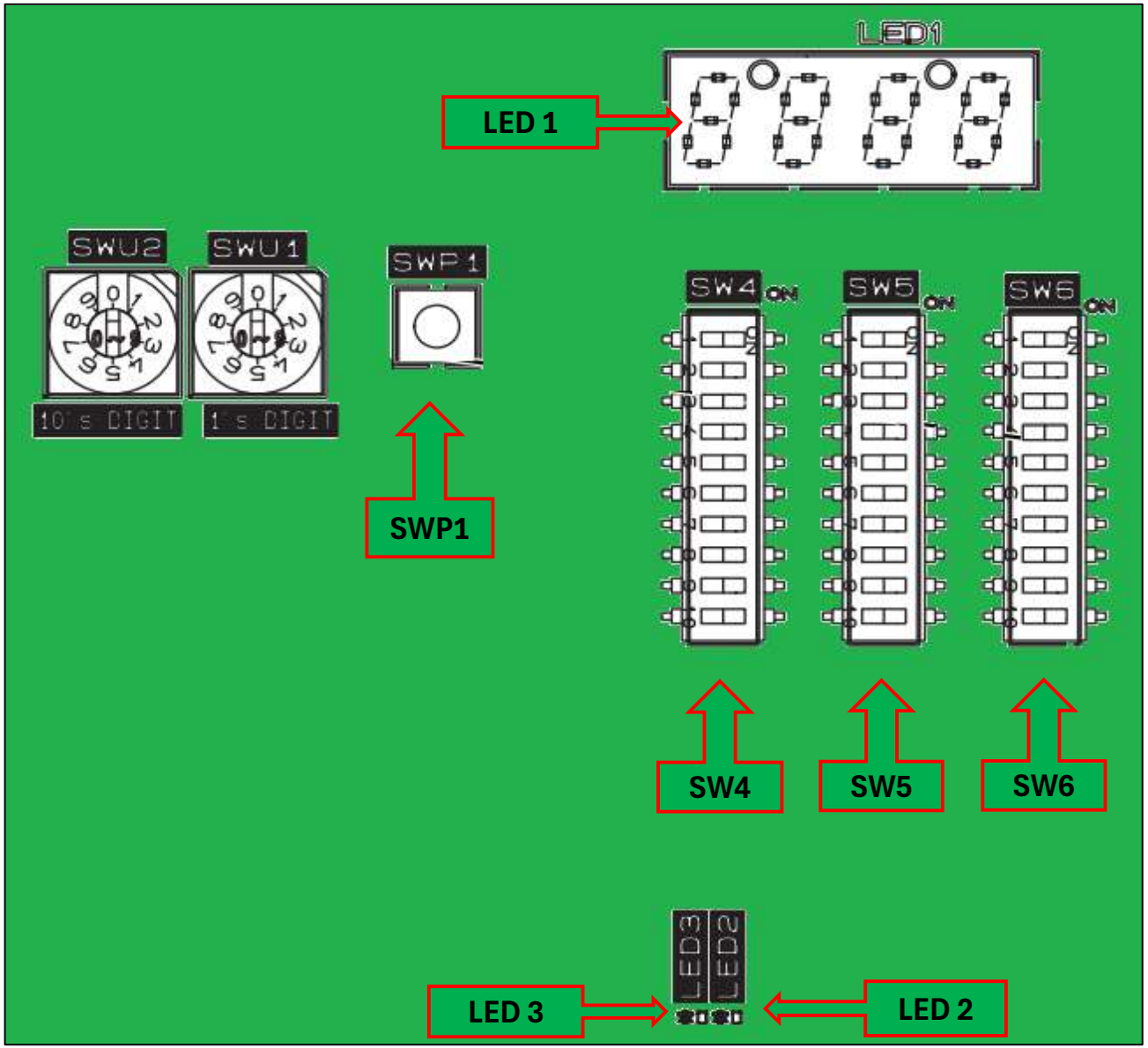
○	○	-	7101	Capacity code setting error ■ Check the model name (capacity code) of the indoor unit which has the error source address set by the switch (SW2 on indoor unit board). When the model name set by the switch is different from that of the unit connected, turn off the power source of the outdoor and the indoor units, and change the setting of the capacity code. ■ Check the setting for the model selection switch on the outdoor unit (Dipswitches SW5-3 - SW5-8 on the outdoor unit control board).
○	-	-	7102	Wrong number of connected units ■ Check whether the number of units connected to the outdoor terminal block (TB3) for indoor/ outdoor transmission lines does not exceed the limitation. ■ Check disconnected transmission line of the outdoor unit ■ Check whether the transmission line for the terminal block for centralized control (TB7) is not connected to the terminal block for the indoor/outdoor transmission line (TB3). ■ Check the setting for the model selection switch on the outdoor unit (Dipswitches SW5-7 on the outdoor unit control board)
○	-	-	7110	Connection information signal transmission/reception error ■ Confirm that the power to the transmission booster is not cut off by the booster being connected to the switch on the indoor unit. (The unit will not function properly unless the transmission booster is turned on.) Reset the power to the outdoor unit. ■ Confirm that the TB3 on the OC and OS are properly connected. ■ Check the setting for the model selection switch on the outdoor unit (Dipswitches SW5-7 on the outdoor unit control board)

CITY MULTI				
Outdoor unit	Indoor unit	Remote controller	FAULT CODE	Description

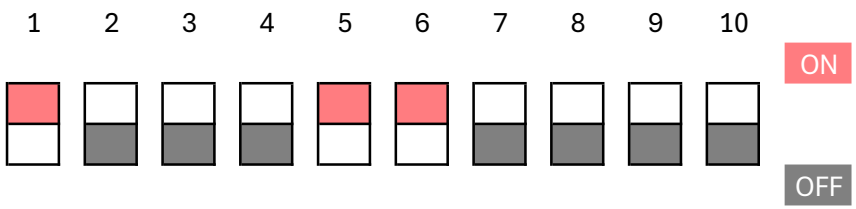
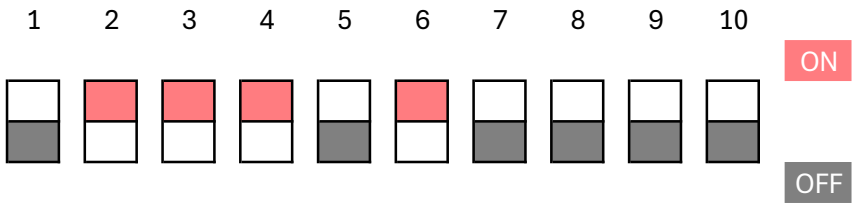
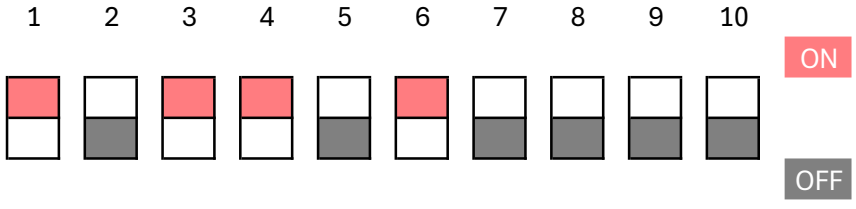
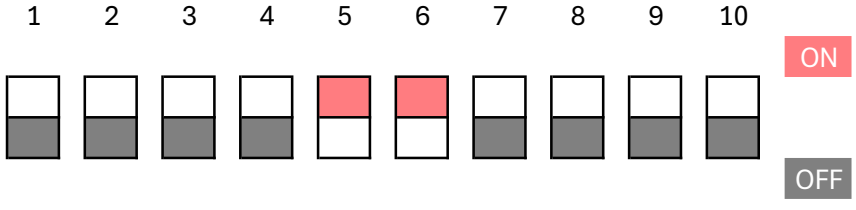
**Fault codes in () indicates Preliminary error code*

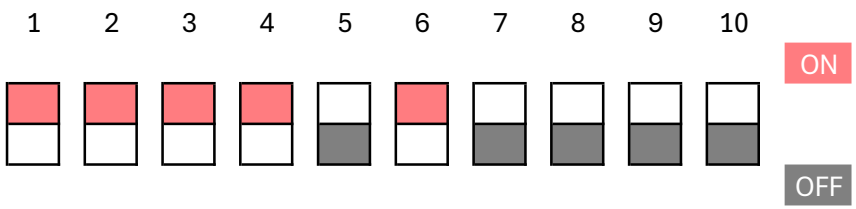
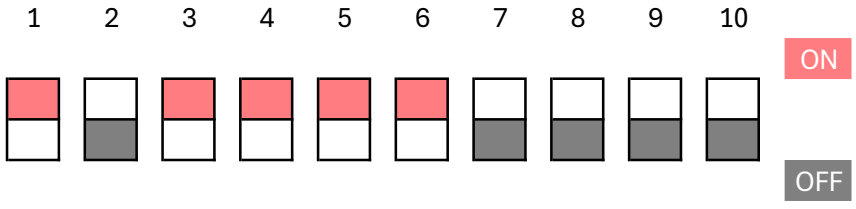
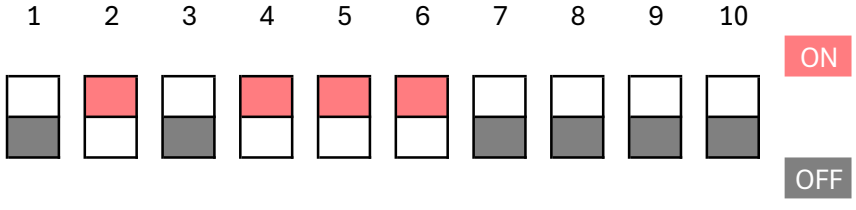
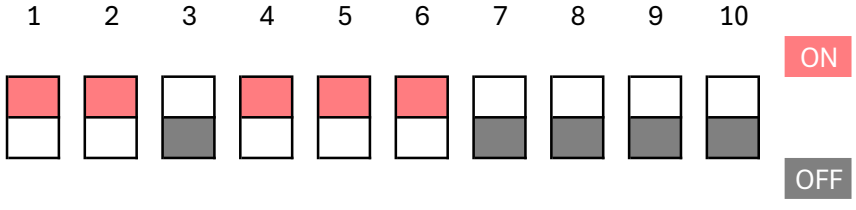
○	-	-	7113 7117	Function setting error (improper connection of CNTYP) Model setting error ■ Check the connector CNTYP5 on the control board for proper connection. ■ Check the connector CNTYP4 on the control board for proper connection. ■ Check the settings of SW5-3 through SW5-6 on the control board. ■ Check the connector CNTYP2 on the control board for proper connection. ■ Check the connector CNTYP on the INV board for proper connection. ■ Check the wiring between the control board and INV board.

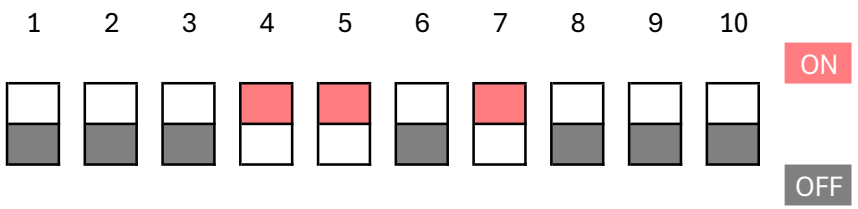
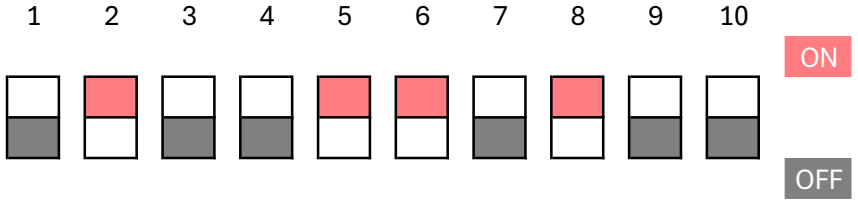
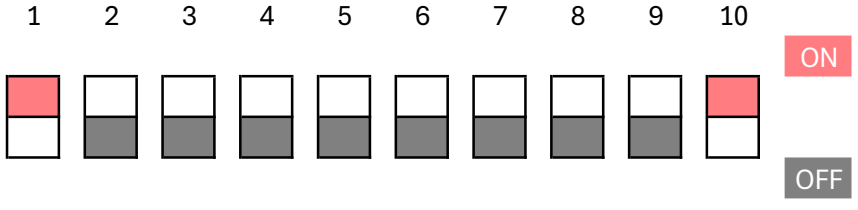
	CITY MULTI	PUCY- YKA, YKD, YKE
ITEM	OUTDOOR DIP SWITCH SETTINGS	Description

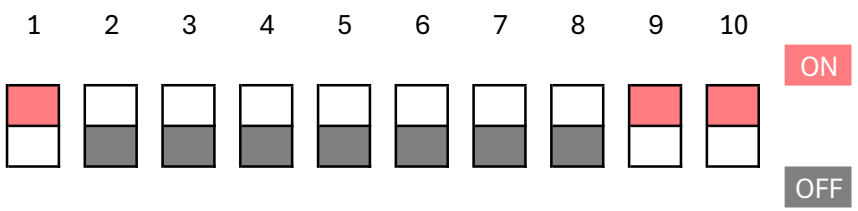
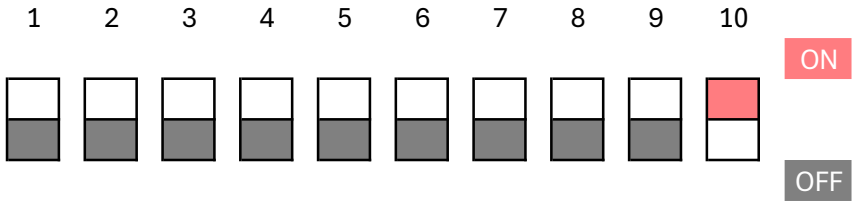
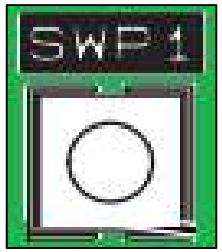


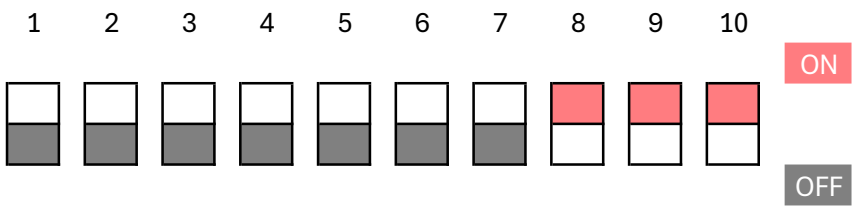
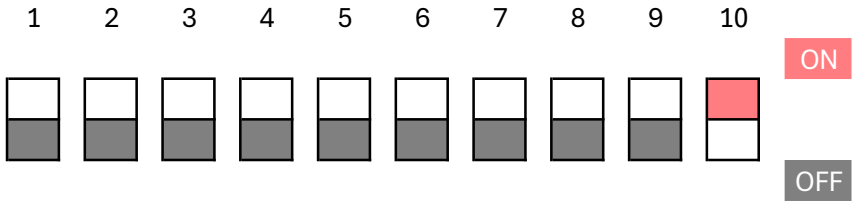
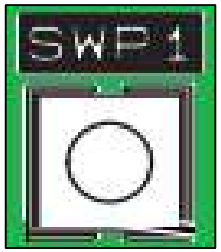
**PUCY-YKE control pcb illustration*

CITY MULTI			PUCY- YKA, YKD, YKE
ITEM	OUTDOOR DIP SWITCH SETTINGS		Description
TH2	SW4		Subcool bypass outlet temperature The unit is [°C]
TH3	SW4		Pipe temperature The unit is [°C]
TH4	SW4		Discharge pipe temperature The unit is [°C]
TH6	SW4		Subcooled liquid refrigerant temperature The unit is [°C]

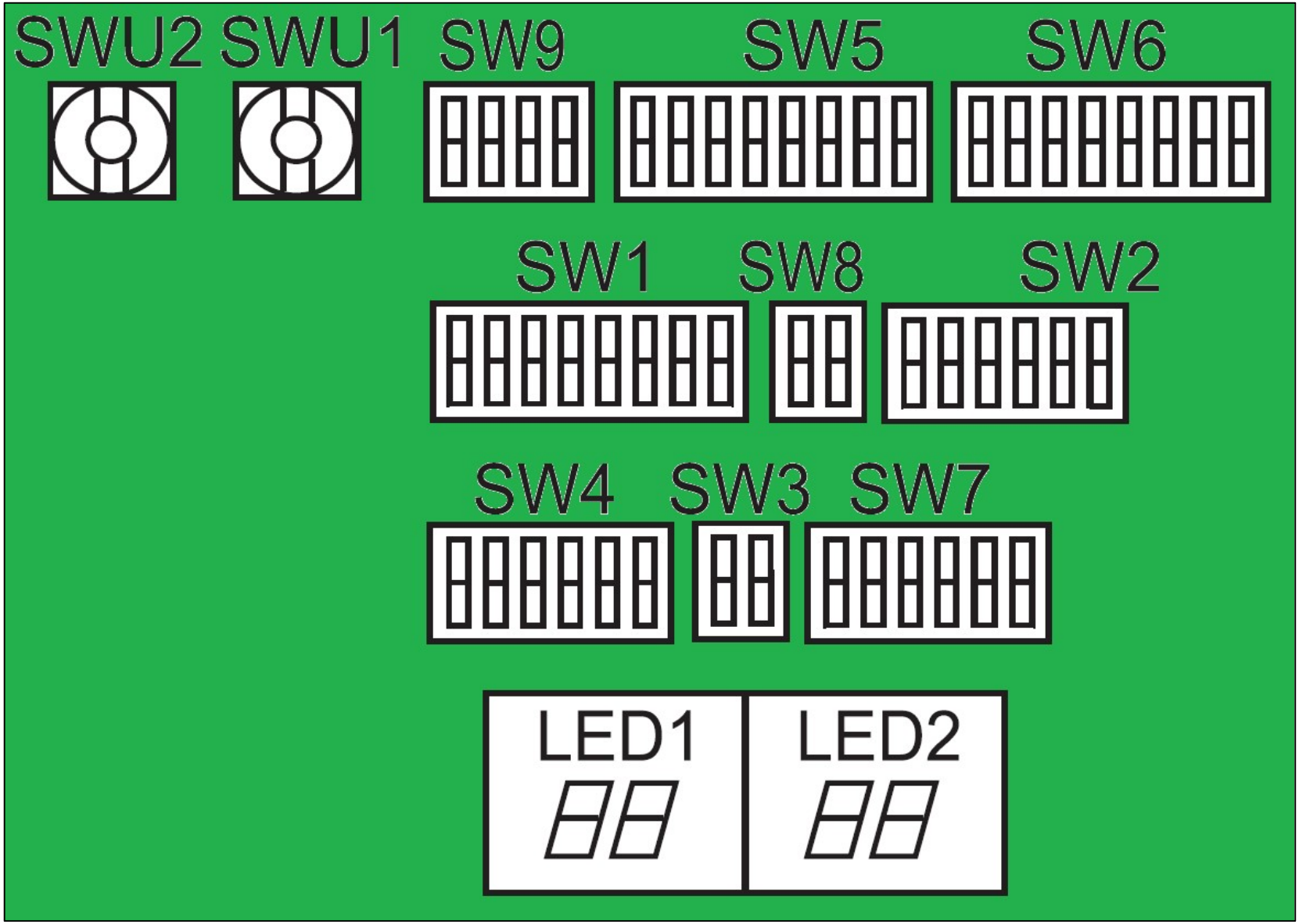
	CITY MULTI		PUCY- YKA, YKD, YKE
ITEM	OUTDOOR DIP SWITCH SETTINGS		Description
TH7	SW4		Outdoor ambient temperature The unit is [°C]
TH15	SW4		Compressor shell bottom temperature The unit is [°C]
HPS	SW4		Discharge pressure The unit is [kgf/cm2] <multiply by 14.2 for PSI>
LPS	SW4		Low pressure The unit is [kgf/cm2] <multiply by 14.2 for PSI>

	CITY MULTI		PUCY- YKA, YKD, YKE
ITEM	OUTDOOR DIP SWITCH SETTINGS		Description
Comp Frequency Hz	SW4		Control data [Hz]
Latest error info	SW4		Address and error codes highlighted If no errors are detected, "---- " appears on the display. Preliminary error information of the OS does not appear on the OC. Neither preliminary error information of the OC nor error information of the IC appears on the OS.
Indoor connection info	SW4		IC/FU address

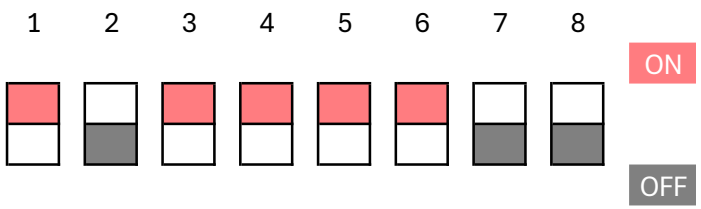
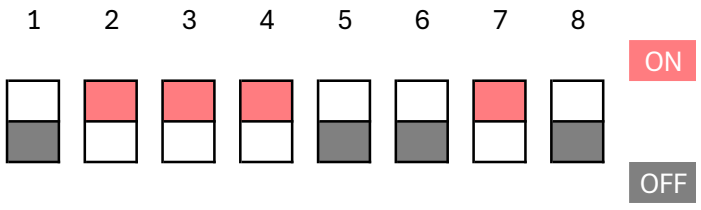
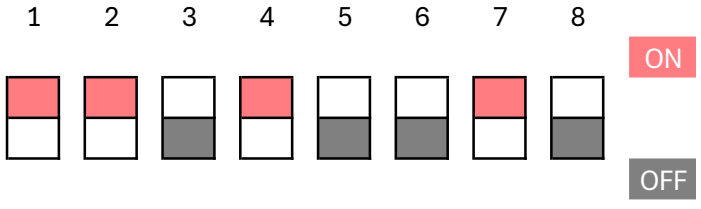
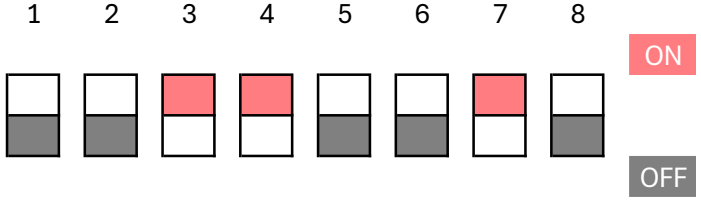
	CITY MULTI		PUCY- YKA, YKD, YKE
ITEM	OUTDOOR DIP SWITCH SETTINGS		Description
Test run	SW4		ON (LED3 Lit) Sends a test-run signal to all IC OFF (LED 3 Unlit) Stops all Ics Anytime after power on Only the switch on OC needs to be set for the setting to be effective.
	SW6		
	SWP1		After the above setting should observe '769' on LED display. To proceed press & hold SWP1 for 2 secs

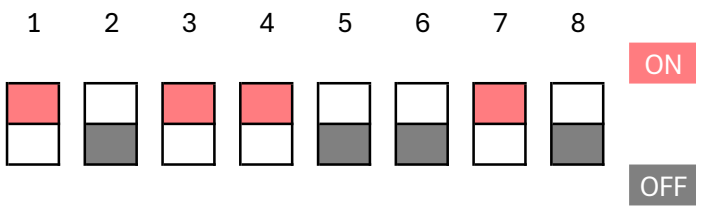
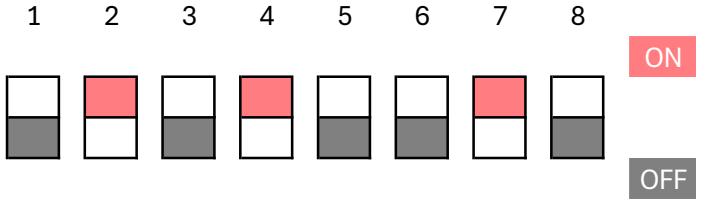
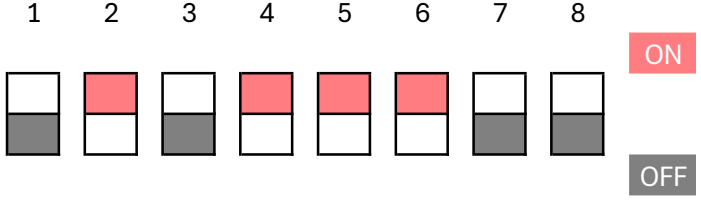
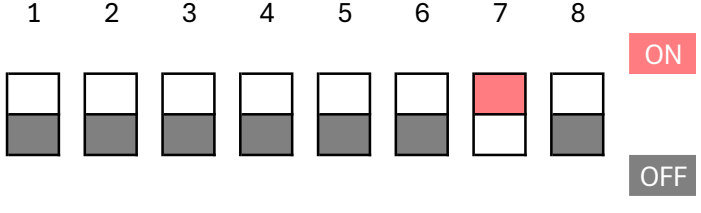
	CITY MULTI		PUCY- YKA, YKD, YKE
ITEM	OUTDOOR DIP SWITCH SETTINGS		Description
Clear error	SW4		ON (LED3 Lit) Deleted (IC/OC) OFF (LED 3 Unlit) Retained (IC/OC) Anytime after power on The switches on both the OC and OS need to be set.
	SW6		
	SWP1	 After the above setting should observe '896' on LED display. To proceed press & hold SWP1 for 2 secs	

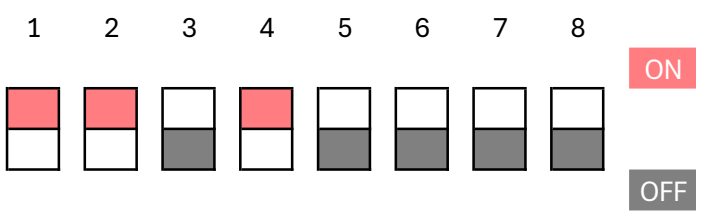
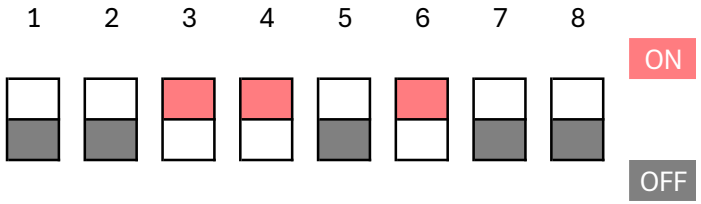
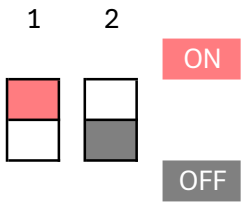
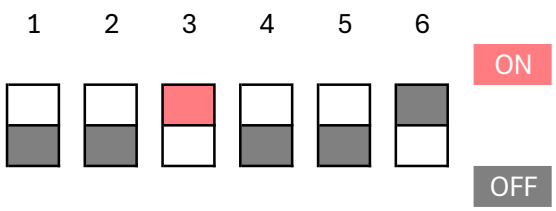
	CITY MULTI	PUMY- CP
ITEM	OUTDOOR DIP SWITCH SETTINGS	Description



**PUMY-CP control pcb illustration*

	CITY MULTI		PUMY- CP
ITEM	OUTDOOR DIP SWITCH SETTINGS		Description
TH2	SW1		Themistor <HIC pipe> The unit is [°C]
TH3	SW1		Themistor <Outdoor Liquid pipe> The unit is [°C]
TH4	SW1		Themistor <Compressor> The unit is [°C]
TH6	SW1		Themistor <Suction pipe> The unit is [°C]

CITY MULTI		PUMY- CP
ITEM	OUTDOOR DIP SWITCH SETTINGS	Description
TH7	SW1 	Themistor <Ambient> The unit is [°C]
HPS	SW1 	High Pressure The unit is [kgf/cm2] <multiply by 14.2 for PSI>
LPS	SW1 	Low Pressure The unit is [kgf/cm2] <multiply by 14.2 for PSI>
Comp Frequency Hz	SW1 	Operational frequency [Hz]

CITY MULTI		PUMY- CP
ITEM	OUTDOOR DIP SWITCH SETTINGS	Description
Latest error info	SW1 	Latest abnormality code history
Indoor connection info	SW1 	Number of connected indoor units
Test run	SW3 	ON - On from Outdoor Any time after the power is turned ON.
Clear error	SW2 	Any time after the power is turned ON.