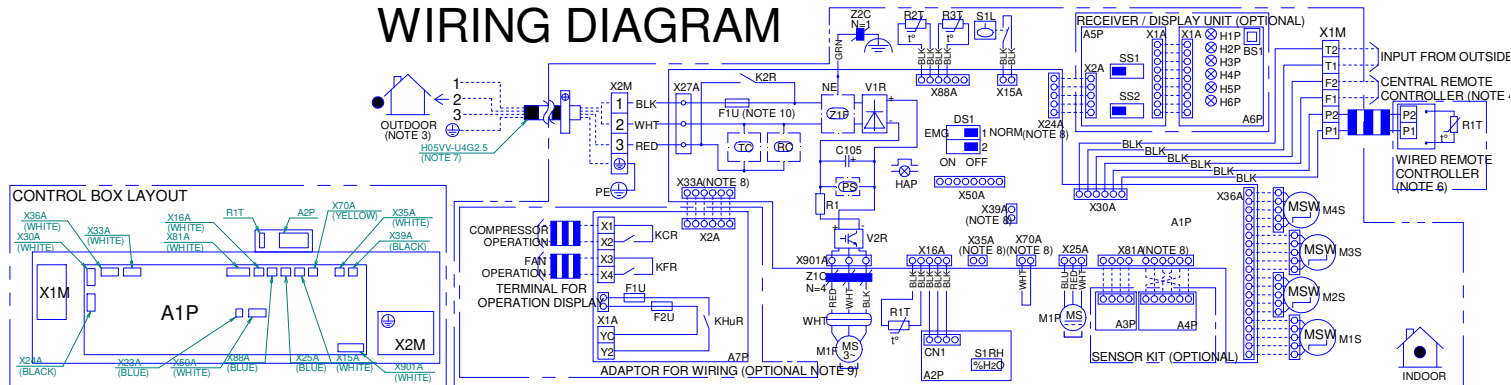
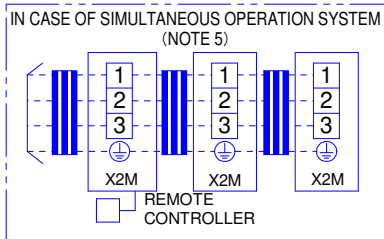


# WIRING DIAGRAM



**NOTES:**

1. [ ] : TERMINAL BLOCK, [ ] : CONNECTOR, [ ] : FIELD WIRING
2. IN CASE OF SIMULTANEOUS OPERATION INDOOR UNIT SYSTEM, SEE THE INDOOR UNIT WIRING ONLY.
3. FOR DETAILS, SEE WIRING DIAGRAM ATTACHED TO THE OUTDOOR UNIT.
4. IN CASE OF USING CENTRAL REMOTE CONTROLLER, CONNECT IT TO THE UNIT IN ACCORDANCE WITH THE ATTACHED INSTALLATION MANUAL.
5. IN CASE OF SIMULTANEOUS OPERATION SYSTEM, CONNECTED QUANTITY OF THE INDOOR UNITS VARIES ACCORDING TO THE CONNECTED OUTDOOR UNIT.
6. IN CASE OF MAIN/SUB CHANGEOVER, SEE INSTALLATION MANUAL ATTACHED TO THE REMOTE CONTROLLER.
7. SHOWN ONLY IN CASE OF PROTECTION PIPING, USE H07RNF-F IN CASE OF NO PROTECTION.
8. X24A, X33A, X35A, X39A, X70A, X81A ARE CONNECTED WHEN OPTIONAL ACCESSORIES ARE BEING USED. SEE WIRING DIAGRAM OF THIS ACCESSORY.
9. CONNECT POWER OF ADAPTER FOR WIRING TO TERMINAL BLOCK (X2M) OF INDOOR UNIT DIRECTLY.
10. FUSE F1U ON MAIN PCB (A1P) IS PRESENT ONLY IN FOLLOWING UNITS: FCAG 35, 50, 60, 71.



**WIRE COLORS**  
 BLK: BLACK      RED: RED  
 BLU: BLUE      WHT: WHITE  
 YLW: YELLOW    GRN: GREEN  
 BRN: BROWN    PNK: PINK

<b>INDOOR UNIT</b>		H2P	PILOT LAMP (TIMER: GREEN)
A1P	MAIN PCB	H3P	PILOT LAMP (FILTER SIGN: RED)
C105	CAPACITOR	H4P	PILOT LAMP (DEFROST: ORANGE)
DS1	DIP SWITCH ON PCB	H5P	PILOT LAMP (ELEMENT CLEANING: RED)
F1U	FUSE (T, 3.15A 250V)	H6P	PILOT LAMP (TIMER: GREEN)
HAP	FLASHING LAMP (SERVICE MONITOR)	SS1	DIP SWITCH (MAIN / SUB)
K2R	MAGNETIC RELAY	SS2	DIP SWITCH (WIRELESS ADDRESS SET)
M1P	MOTOR (DRAIN PUMP)	<b>ADAPTOR FOR WIRING</b>	
M1F	MOTOR (INDOOR FAN)	R1T	ADAPTOR PCB
M1S-M4S	MOTOR (SWING BLADE)	A7P	ADAPTOR PCB
R1	RESISTOR	F1U	FUSE (5A, 250V)
R1T	THERMISTOR (AIR)	F2U	FUSE (5A, 250V)
R2T, R3T	THERMISTOR (COL)	KHuR	MAGNETIC RELAY
S1L	FLOAT SWITCH (DRAIN PUMP)	KCR	MAGNETIC RELAY
V1R	DIODE BRIDGE	KFR	MAGNETIC RELAY
V2R	IGBT POWER MODULE	X1-2A	CONNECTOR
X15-901A	CONNECTOR	<b>CONNECTORS FOR OPTIONAL PARTS</b>	
X1M	TERMINAL BLOCK (REMOTE CONTROLLER)	X24A	CONNECTOR (POWER SUPPLY)
X2M	TERMINAL BLOCK (ADAPTER FOR WIRING)	X33A	CONNECTOR (ADAPTOR FOR WIRING)
Z1C, Z2C	FERRITE CORE (POWER SUPPLY)	X35A	CONNECTOR (AUTO CLEAN PANEL)
Z1F	NOISE FILTER	X39A	CONNECTOR (WI-FI ADAPTOR)
PS	POWER SUPPLY CIRCUIT	X70A	CONNECTOR (SENSOR KIT)
RC	SIGNAL RECEIVER CIRCUIT	X81A	CONNECTOR (SENSOR KIT)
TC	SIGNAL TRANSMISSION CIRCUIT	<b>WIRED REMOTE CONTROLLER (RECEIVER / DISPLAY UNIT)</b>	
NE	NOISELESS EARTH	R1T	THERMISTOR (AIR)
<b>SENSOR KIT</b>		<b>HUMIDITY SENSOR</b>	
A3P, A4P	SENSOR KIT PCB	A2P	SENSOR PCB
<b>WIRELESS REMOTE CONTROLLER (RECEIVER / DISPLAY UNIT)</b>		S1RH	HUMIDITY SENSOR
A5P	RECEIVER PCB	CN1	CONNECTOR
A6P	DISPLAY PCB		
BS1	PUSH BUTTON (ON/OFF)		
X1-2A	CONNECTOR		
H1P	PILOT LAMP (ON: RED)		