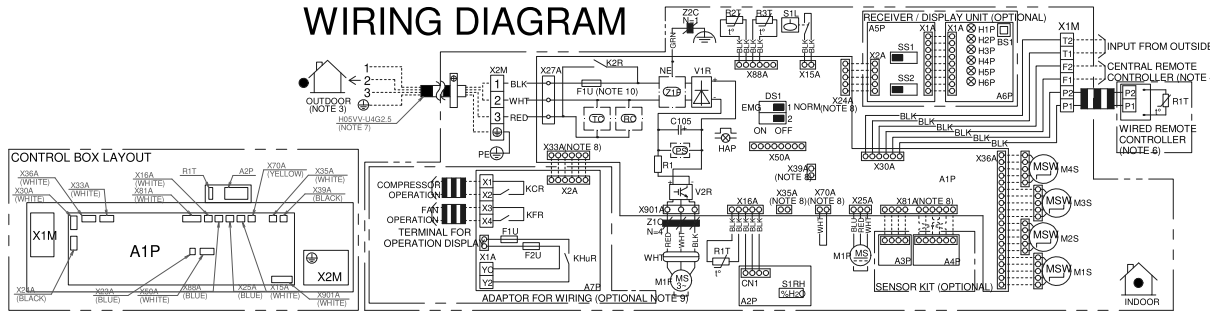


8 Wiring diagrams

8 - 1 Wiring Diagrams - Single Phase

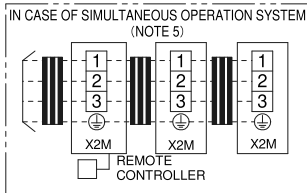
FCAG-B

WIRING DIAGRAM



NOTES:

1. []: TERMINAL BLOCK, []: CONNECTOR, []: FIELD WIRING
2. IN CASE OF SIMULTANEOUS OPERATION INDOOR UNIT SYSTEM, SEE THE INDOOR UNIT WIRING.
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 H07RN-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

INDOOR UNIT		PILOT LAMP (TIMER: GREEN)	
A1P	MAIN PCB	H2P	PILOT LAMP
C105	CAPACITOR	H3P	PILOT LAMP
DS1	DIP SWITCH ON PCB	H4P	PILOT LAMP
F1U	FUSE (T. 3.15A 250V)	H5P	PILOT LAMP
HAP	FLASHING LAMP	H6P	PILOT LAMP
K2R	MAGNETIC RELAY	H7P	PILOT LAMP
M1P	MOTOR (DRAIN PUMP)	H8P	PILOT LAMP
M1F	MOTOR (INDOOR FAN)	H9P	PILOT LAMP
M1S-M4S	MOTOR (SWING BLADE)	H10P	PILOT LAMP
R1	RESISTOR	H11P	PILOT LAMP
R1T	THERMISTOR (AIR)	H12P	PILOT LAMP
R2T, R3T	THERMISTOR (COIL)	H13P	PILOT LAMP
SLT	FLOAT SWITCH (DRAIN PUMP)	H14P	PILOT LAMP
V1R	DIODE BRIDGE	H15P	PILOT LAMP
V2R	IGBT POWER MODULE	H16P	PILOT LAMP
X15-901A	CONNECTOR	H17P	PILOT LAMP
X1M	TERMINAL BLOCK (REMOTE CONTROLLER)	H18P	PILOT LAMP
X2M	TERMINAL BLOCK (POWER SUPPLY)	H19P	PILOT LAMP
Z1C, Z2C	FERRITE CORE	H20P	PILOT LAMP
Z1F	NOISE FILTER	H21P	PILOT LAMP
PS	POWER SUPPLY CIRCUIT	H22P	PILOT LAMP
RC	SIGNAL RECEIVER CIRCUIT	H23P	PILOT LAMP
TC	SIGNAL TRANSMISSION CIRCUIT	H24P	PILOT LAMP
NE	NOISELESS EARTH	H25P	PILOT LAMP
SENSOR KIT		WIRELESS REMOTE CONTROLLER	
A3P, A4P SENSOR KIT PCB		RECEIVER / DISPLAY UNIT	
WIRELESS REMOTE CONTROLLER		HUMIDITY SENSOR	
A5P		A2P	
A6P		A2P	
BS1		S1RH	
X1-2A		CN1	
H1P		PILOT LAMP (ON: RED)	

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