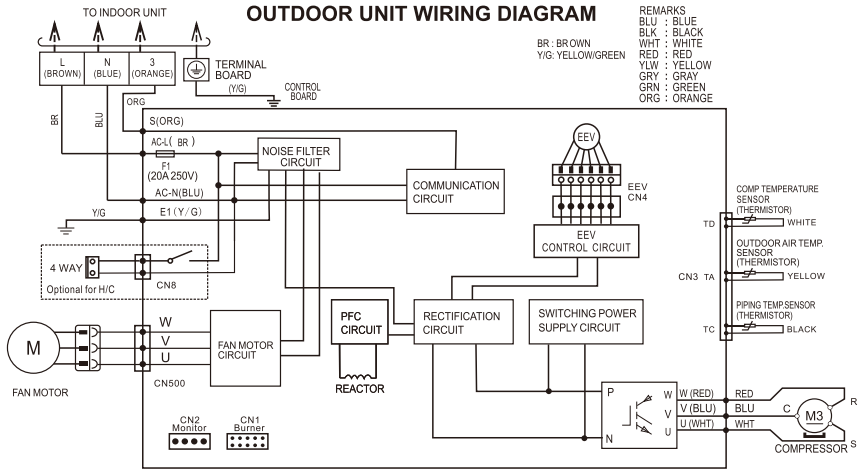
OUTDOOR UNIT WIRING DIAGRAM



⚠ CAUTION

DUE TO HIGH VOLTAGE,DO NOT TOUCH THE TERMINALS IN THE CONTROL BOARD DURING OPERATION AND 5 MINUTES AFTER SWITCHING OFF.NEXT,CONFIRM THE VOLTAGE RECTIFICATION CIRCUIT BETWEEN DIODE BRIDGE(+)AND(-)HAS DROPPED TO BELOW 42V,BEFORE ACCESSING TO THE TERMINALS IN THE CONTROL BOARD.

IDU Error Code	ODU Light Flash	Abnormality or Protection Description
EE	25	Indoor machine EE fault
E1	26	Indoor fan fault
E2	27	Indoor fan zero-crossing detection abnormal
E3	28	Indoor coil fault and sensor fault
E4	29	Indoor ambient temperature sensor fault
E9/EF	3	WIFI module fault
E0	1	Outdoor EE fault
E6	2	Indoor and outdoor machine communication fault
F1	4	Compressor starting abnormal (phase failure, reverse)
F2	5	Compressor out-of-step fault
F3	6	IPM module fault
F5	8	Discharge temperature sensor fault
F7	10	Outdoor coil temperature sensor fault
F8	11	Outdoor ambient temperature sensor fault
F9	12	Outdoor DC fan fault
P1	13	Outdoor machine AC current protection
P2	14	Compressor phase current protection
P3	15	Outdoor unit over-high/over-low AC voltage protection
P4	16	DC voltage over-high or over-low voltage protection
P5	17	IPM over-high temperature protection
P6	18	Discharge temperature overheat protection
P7	19	Cooling indoor coil anti-freezing protection
P8	20	Cooling outdoor coil overheat protection
P9	21	Heating indoor coil overheat protection
PC	22	Cooling outdoor ambient temperature over-low protection
PH	23	Heating outdoor ambient temperature over-high protection
L1	31	Drive bus voltage over-high protection
L2	32	Drive bus voltage over-low protection
L3	33	Drive phase current overload fault
L4	34	Phase current sampling abnormal
EH	24	Humidity sensor Fault
E5	30	Gas leakage protection
Er	35	Radar sensor fault
EA	36	Fresh air fan fault
EP	37	BME sensor fault
EU	38	Voice module fault
PE	39	Earth fault
E7	40	ODU Isolation sub-chip fault
E8	41	IDU fan drive Chip fault

In case of any error, codes will shown on IDU display