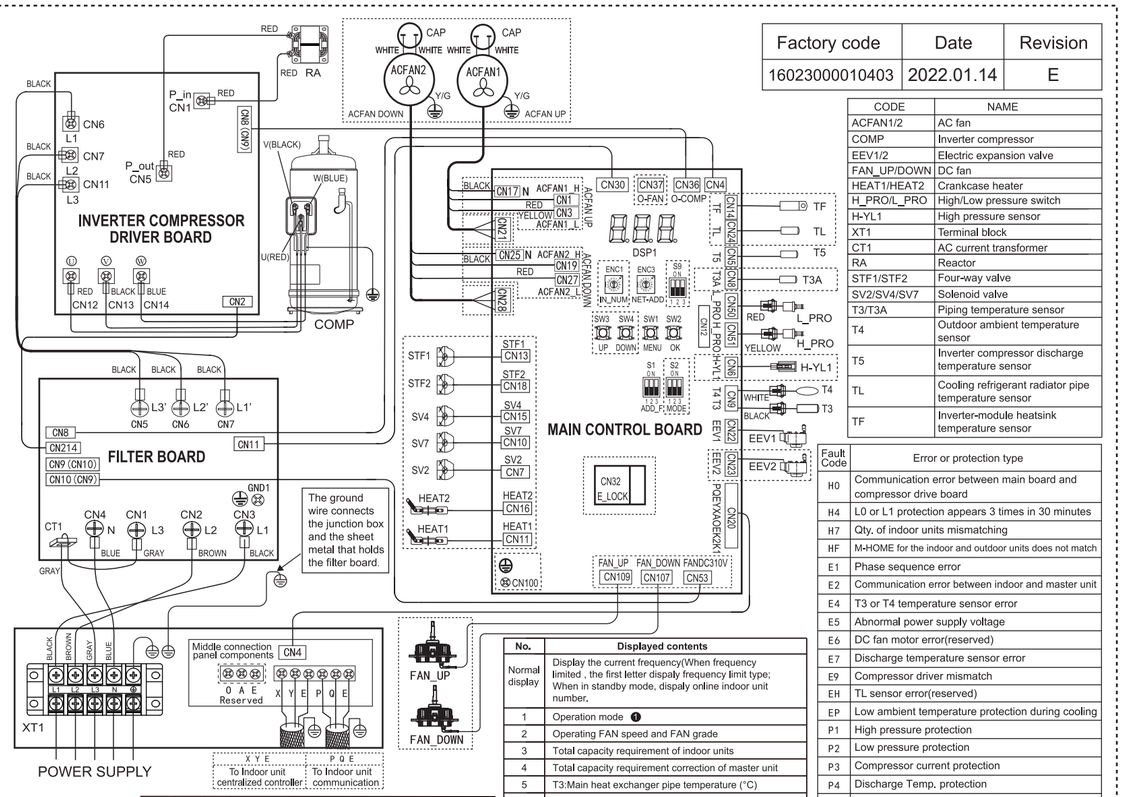
220 mm

220 mm



Factory code	Date	Revision
16023000010403	2022.01.14	E

CODE	NAME
ACFAN1/2	AC fan
COMP	Inverter compressor
EEV1/2	Electric expansion valve
FAN_UP/DOWN	DC fan
HEAT1/HEAT2	Crankcase heater
H_PRO/L_PRO	High/Low pressure switch
H-YL1	High pressure sensor
XT1	Terminal block
CT1	AC current transformer
RA	Reactor
STF1/STF2	Four-way valve
SV2/SV4/SV7	Solenoid valve
T3/T3A	Piping temperature sensor
T4	Outdoor ambient temperature sensor
T5	Inverter compressor discharge temperature sensor
TL	Cooling refrigerant radiator pipe temperature sensor
TF	Inverter-module heatsink temperature sensor

Fault Code	Error or protection type
H0	Communication error between main board and compressor drive board
H4	L0 or L1 protection appears 3 times in 30 minutes
H7	Qty. of indoor units mismatching
HF	M-HOME for the indoor and outdoor units does not match
E1	Phase sequence error
E2	Communication error between indoor and master unit
E4	T3 or T4 temperature sensor error
E5	Abnormal power supply voltage
E6	DC fan motor error(reserved)
E7	Discharge temperature sensor error
E9	Compressor driver mismatch
EH	TL sensor error(reserved)
EP	Low ambient temperature protection during cooling
P1	High pressure protection
P2	Low pressure protection
P3	Compressor current protection
P4	Discharge Temp. protection
P5	High Temp. protection of condenser
P6	Inverter module protection(reserved)
P8	Typhoon protection(reserved)
PE	Evaporator (T2) high temperature protection
PL	Inverter module temperature protection
L0	Inverter compressor module error
L1	DC bus low voltage protection
L2	DC bus high voltage protection
L4	MCE error
L5	Zero speed protection
L7	Phase sequence protection
L8	Compressor frequency variation greater than 15Hz within one second protection
L9	Actual compressor frequency differs from target frequency by more than 15Hz protection
F1	DC bus voltage error(reserved)

❶ Operation mode: 0-Standby; 2-Cooling;
❷ Priority mode : 4-Cooling only

No.	Displayed contents
Normal display	Display the current frequency(When frequency limited , the first letter dispaly frequency limit type; When in standby mode, dispaly online indoor unit number.
1	Operation mode ❶
2	Operating FAN speed and FAN grade
3	Total capacity requirement of indoor units
4	Total capacity requirement correction of master unit
5	T3:Main heat exchanger pipe temperature (°C)
6	T4:Outdoor ambient temperature (°C)
7	T5:Compressor discharge temperature (°C)
8	TF:Module temperature (°C)
9	TL:Refrigerant radiator pipe temperature (°C)
10	Electronic expansion valve aperture
11	Actual current value(A)
12	Compressor current feedback(A)
13	Actual voltage value(V)
14	DC bus voltage detection
15	T2/T2B average temperature (°C)
16	Total number of indoor units
17	Number of indoor units currently operating
18	Indoor unit model
19	Outdoor unit address in the centralized controller
20	Priority mode ❷
21	Program version No.
22	Last error or protection code
23	Number of indoor units set by outdoor unit or display --
24	Display --

ENC1 & S9-3		0-F	The number of indoor units is set to 0 to 15. 0-9 on ENC1 indicate 0-9 indoor units; A-F on ENC1 indicate 10-15 indoor units
		0	
		0-F	The number of indoor units is set to 16 to 31. 0-9 on ENC1 indicate 16-25 indoor units; A-F on ENC1 indicate 26-31 indoor units
		1	
ENC3		0-7	Outdoor unit network address setting, Only 0 to 7 should be selected (0 by default).
S1-1		0	Automatic selection of the new or old protocol(default)
		1	Forced implementation of old IDU protocol
S1-2		0	Automatic addressing (default)
		1	Clear indoor unit addresses
S1-3		0	EEV of forced discharge temperature control(default)
		1	Reserved
S9-1 & S9-2		00	Outdoor unit capacity, 200
		01	Outdoor unit capacity, 224
		10	Outdoor unit capacity, 260
		11	Outdoor unit capacity, 280
SW1		Press SW1 for 5s to enter forced cooling, then press for 5s to exit	
SW2		Sport check button	

Note:
means 0, means 1.

ENC1 and S9 are only available for MDVC models

The wiring picture shown is for reference only, actual product may vary.

MODEL	MVUC200CCU-VA3 MVUC224CCU-VA3 MVUC260CCU-VA3 MVUC280CCU-VA3